



CP ALL Pcl

2024 CDP Corporate Questionnaire 2024

Word version

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(13.2) Use this field to provide any additional information or context that you feel is relevant to your organization's response. Please note that this field is optional and is not scored. 1040

(13.3) Provide the following information for the person that has signed off (approved) your CDP response. 1041

C1. Introduction

(1.1) In which language are you submitting your response?

Select from:

Chinese

Other, please specify

Japanese

Brazilian Portuguese

Latin American Spanish

English

Environmental Issue	Questionnaire sector
<ul style="list-style-type: none">• Water• Biodiversity• Plastics• Climate Change• Forests	<ul style="list-style-type: none">• Financial services• Oil & Gas• Coal• General• Capital goods• Transport OEMS - EPM• Chemicals• Metals & mining• Transport services• Steel• Agricultural commodities• Electric utilities• Transport OEMS• Cement• Food, beverage & tobacco• Paper & forestry

Environmental Issue	Questionnaire sector
	<ul style="list-style-type: none"> • Real estate • Construction

(1.2) Select the currency used for all financial information disclosed throughout your response.

Select from:

- | | |
|------------------------------|------------------------------|
| <input type="checkbox"/> AED | <input type="checkbox"/> AOA |
| <input type="checkbox"/> AFN | <input type="checkbox"/> ARS |
| <input type="checkbox"/> ALL | <input type="checkbox"/> AUD |
| <input type="checkbox"/> AMD | <input type="checkbox"/> AWG |
| <input type="checkbox"/> ANG | <input type="checkbox"/> AZN |
| <input type="checkbox"/> BAM | <input type="checkbox"/> BIF |
| <input type="checkbox"/> BBD | <input type="checkbox"/> BMD |
| <input type="checkbox"/> BDT | <input type="checkbox"/> BND |
| <input type="checkbox"/> BGN | <input type="checkbox"/> BOB |
| <input type="checkbox"/> BHD | <input type="checkbox"/> BOV |
| <input type="checkbox"/> BRL | <input type="checkbox"/> BZD |
| <input type="checkbox"/> BSD | <input type="checkbox"/> CAD |
| <input type="checkbox"/> BTN | <input type="checkbox"/> CDF |
| <input type="checkbox"/> BWP | <input type="checkbox"/> CHE |
| <input type="checkbox"/> BYN | <input type="checkbox"/> CHF |
| <input type="checkbox"/> CHW | <input type="checkbox"/> COU |
| <input type="checkbox"/> CLF | <input type="checkbox"/> CRC |
| <input type="checkbox"/> CLP | <input type="checkbox"/> CUC |
| <input type="checkbox"/> CNY | <input type="checkbox"/> CUP |
| <input type="checkbox"/> COP | <input type="checkbox"/> CVE |
| <input type="checkbox"/> CZK | <input type="checkbox"/> EGP |
| <input type="checkbox"/> DJF | <input type="checkbox"/> ERN |
| <input type="checkbox"/> DKK | <input type="checkbox"/> ETB |

- DOP
- DZD
- FKP
- GBP
- GEL
- GHS
- GIP
- HNL
- HRK
- HTG
- HUF
- IDR
- JMD
- JOD
- JPY
- KES
- KGS
- KYD
- KZT
- LAK
- LBP
- LKR
- MGA
- MKD
- MMK
- MNT
- MOP
- MXV
- MYR
- MZN

- EUR
- FJD
- GMD
- GNF
- GTQ
- GYD
- HKD
- ILS
- INR
- IQD
- IRR
- ISK
- KHR
- KMF
- KPW
- KRW
- KWD
- LRD
- LSL
- LYD
- MAD
- MDL
- MRU
- MUR
- MVR
- MWK
- MXN
- NIO
- NOK
- NPR

- NAD
- NGN
- PAB
- PEN
- PGK
- PHP
- PKR
- RUB
- RWF
- SAR
- SBD
- SCR
- SOS
- SRD
- SSP
- STN
- SVC
- TOP
- TRY
- TTD
- TWD
- TZS
- UYU
- UZS
- VEF
- VND
- VUV
- XBB
- XBC
- XBD

- NZD
- OMR
- PLN
- PYG
- QAR
- RON
- RSD
- SDG
- SEK
- SGD
- SHP
- SLL
- SYP
- SZL
- TJS
- TMT
- TND
- UAH
- UGX
- USD
- USN
- UYI
- WST
- XAF
- XAG
- XAU
- XBA
- XOF
- XPD
- XPF

- XCD
- XDR
- XTS
- XUA
- XXX
- YER
- ZAR

- XPT
- XSU
- ZMW
- ZWL
- THB

Environmental Issue	Questionnaire sector
<ul style="list-style-type: none"> • Water • Biodiversity • Plastics • Climate Change • Forests 	<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction

(1.3) Provide an overview and introduction to your organization.

(1.3.2) Organization type

Select from:

- Publicly traded organization
- Privately owned organization
- State owned organization
- Partially privately owned and partially state owned organization

(1.3.3) Description of organization

CP ALL Public Company Limited and its Subsidiaries CP ALL is unique in being part of the distribution channels for products and services to consumers as well as being a bridge connecting the upstream midstream and downstream supply chains CP ALL has generated 983801 million THB revenue as of 31 December 2023 with the market cap of 514283 million THB Our core business reported here in CDP Climate Change 2024 includes retail wholesale and food manufacturing as follows

Convenient Store Service 7Eleven is a onestop convenient store that offers fresh readytoeat meals beverages and a wide variety of products Over the past decades the Company has managed its convenience stores through its network scattered in different areas namely residential areas offices academic zones and gas stations covering every province across the country In 2023 CP ALL has reached a total of 14545 stores In 2023 7Eleven contributed 44 revenue of the CP ALL Wholesale services Retailing The revenue propotion from Wholesale services Retailing is around 50 of CP ALL revenue Siam Makro Public Company Limited is the operator of membership based Cash and Carry Trade Centers registered under the name of Makro distributing consumer products to customers nationwide Target customers include small and mediumsized enterprises namely retailers HORECA institutions and business service providers Siam Makros retailing business is managed by Lotuss a leading retailer with multiple distribution channels Lotuss retail business advantage lies in its strong domestic supply chain distribution system logistics network and brand equity Main products include fresh food consumer and general goods liquor and tobacco and clothing It sells these products under various domestic and international brands including brands from small and medium enterprises SMEs and under Lotuss own private label Lotuss retail customers vary in age income and household sizes Food bakery and readytoeat meals services CPRAM Co Ltd manufactures and distributes over 900 SKUs of food bakeries and Readyto Eat menu items through 7Eleven stores supermarkets restaurants and leading stores more than 20000 stores throughout the country and exported oversea around the world Apart from these 3 business units CP ALL also has offered financial services cash card and payment service education services secondary school vocational school and higher education institution and training provider information services marketing media services and logistics management services These minor services are nonetheless not included in the scope of reporting

[Fixed row]

Environmental Issue	Questionnaire sector
<ul style="list-style-type: none"> • Water • Biodiversity • Plastics • Climate Change 	<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General

Environmental Issue	Questionnaire sector
<ul style="list-style-type: none"> • Forests 	<ul style="list-style-type: none"> • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction

(1.4) State the end date of the year for which you are reporting data. For emissions data, indicate whether you will be providing emissions data for past reporting years.

(1.4.1) End date of reporting year

12/31/2023

(1.4.2) Alignment of this reporting period with your financial reporting period

Select from:

Yes

No

(1.4.3) Indicate if you are providing emissions data for past reporting years

Select from:

Yes

No

(1.4.4) Number of past reporting years you will be providing Scope 1 emissions data for

Select from:

1 year

3 years

2 years

4 years

5 years

Not providing past emissions data for Scope 1

(1.4.5) Number of past reporting years you will be providing Scope 2 emissions data for

Select from:

1 year

3 years

2 years

4 years

5 years

Not providing past emissions data for Scope 2

(1.4.6) Number of past reporting years you will be providing Scope 3 emissions data for

Select from:

1 year

3 years

2 years

4 years

5 years

Not providing past emissions data for Scope 3

[Fixed row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Biodiversity • Plastics • Climate Change • Forests 	<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • RE100_Framework_Alignment

(1.5) Provide details on your reporting boundary.

	<p>Is your reporting boundary for your CDP disclosure the same as that used in your financial statements?</p>	<p>How does your reporting boundary differ to that used in your financial statement?</p>
	<p>Select from:</p>	<p>Rich text input [must be under 2500 characters]</p>

	<p>Is your reporting boundary for your CDP disclosure the same as that used in your financial statements?</p>	<p>How does your reporting boundary differ to that used in your financial statement?</p>
	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not applicable – we do not publicly disclose financial statements</p>	

[Fixed row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Biodiversity • Plastics • Climate Change • Forests 	<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate 	<ul style="list-style-type: none"> • ESRS 2 • IFRS S1 20 • RE100_Framework_Alignment

Environmental Issue	Questionnaire sector	Framework Alignment
	• Construction	

(1.6) Does your organization have an ISIN code or another unique identifier (e.g., Ticker, CUSIP, etc.)?

ISIN code - bond

(1.6.1) Does your organization use this unique identifier?

Select from:

Yes

No

(1.6.2) Provide your unique identifier

Rich text input [must be under 50 characters]

ISIN code - equity

(1.6.1) Does your organization use this unique identifier?

Select from:

Yes

No

(1.6.2) Provide your unique identifier

TH0737010Y08

CUSIP number

(1.6.1) Does your organization use this unique identifier?

Select from:

Yes

No

(1.6.2) Provide your unique identifier

Rich text input [must be under 50 characters]

Ticker symbol

(1.6.1) Does your organization use this unique identifier?

Select from:

Yes

No

(1.6.2) Provide your unique identifier

CPALL BK

SEDOL code

(1.6.1) Does your organization use this unique identifier?

Select from:

Yes

No

(1.6.2) Provide your unique identifier

Rich text input [must be under 50 characters]

LEI number

(1.6.1) Does your organization use this unique identifier?

Select from:

Yes

No

(1.6.2) Provide your unique identifier

Rich text input [must be under 50 characters]

D-U-N-S number

(1.6.1) Does your organization use this unique identifier?

Select from:

Yes

No

(1.6.2) Provide your unique identifier

Rich text input [must be under 50 characters]

Other unique identifier

(1.6.1) Does your organization use this unique identifier?

Select from:

Yes

No

(1.6.2) Provide your unique identifier

Rich text input [must be under 50 characters]

ISIN code - equity

(1.6.1) Does your organization use this unique identifier?

Select from:

Yes

No

(1.6.2) Provide your unique identifier

TH0737010Y16

ISIN code - equity

(1.6.1) Does your organization use this unique identifier?

Select from:

Yes

No

(1.6.2) Provide your unique identifier

TH0737010R15

[Add row]

Environmental Issue	Questionnaire sector
<ul style="list-style-type: none">• Water• Biodiversity• Plastics• Climate Change• Forests	<ul style="list-style-type: none">• Financial services• Oil & Gas• Coal• General• Capital goods• Transport OEMS - EPM

Environmental Issue	Questionnaire sector
	<ul style="list-style-type: none"> • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction

(1.7) Select the countries/areas in which you operate.

Select all that apply

- | | |
|--------------------------------|--------------------------------|
| <input type="checkbox"/> Chad | <input type="checkbox"/> Mali |
| <input type="checkbox"/> Cuba | <input type="checkbox"/> Niue |
| <input type="checkbox"/> Fiji | <input type="checkbox"/> Oman |
| <input type="checkbox"/> Guam | <input type="checkbox"/> Peru |
| <input type="checkbox"/> Iraq | <input type="checkbox"/> Togo |
| <input type="checkbox"/> Aruba | <input type="checkbox"/> Egypt |
| <input type="checkbox"/> Benin | <input type="checkbox"/> Gabon |
| <input type="checkbox"/> Chile | <input type="checkbox"/> Ghana |
| <input type="checkbox"/> China | <input type="checkbox"/> Haiti |
| <input type="checkbox"/> Congo | <input type="checkbox"/> India |
| <input type="checkbox"/> Italy | <input type="checkbox"/> Nauru |
| <input type="checkbox"/> Japan | <input type="checkbox"/> Nepal |

- Kenya
- Libya
- Malta
- Samoa
- Spain
- Sudan
- Tonga
- Yemen
- Cyprus
- France
- Gambia
- Greece
- Guinea
- Latvia
- Malawi
- Mexico
- Monaco
- Norway
- Turkey
- Tuvalu
- Uganda
- Zambia
- Albania
- Bahrain
- Belarus
- Belgium
- Bermuda
- Burundi
- Ecuador
- Eritrea

- Niger
- Palau
- Qatar
- Angola
- Belize
- Bhutan
- Brazil
- Canada
- Guyana
- Israel
- Jersey
- Jordan
- Kuwait
- Panama
- Poland
- Rwanda
- Serbia
- Sweden
- Algeria
- Andorra
- Armenia
- Austria
- Bahamas
- Comoros
- Croatia
- Curaçao
- Czechia
- Denmark
- Germany
- Grenada

- Estonia
- Finland
- Georgia
- Jamaica
- Lebanon
- Lesotho
- Liberia
- Mayotte
- Romania
- Senegal
- Somalia
- Tokelau
- Tunisia
- Botswana
- Bulgaria
- Cambodia
- Cameroon
- Colombia
- Holy See
- Honduras
- Kiribati
- Malaysia
- Maldives
- Slovakia
- Slovenia
- Suriname
- Viet Nam
- Zimbabwe
- Indonesia
- Lithuania

- Hungary
- Iceland
- Ireland
- Morocco
- Myanmar
- Namibia
- Nigeria
- Réunion
- Ukraine
- Uruguay
- Vanuatu
- Anguilla
- Barbados
- Djibouti
- Dominica
- Eswatini
- Ethiopia
- Guernsey
- Mongolia
- Pakistan
- Paraguay
- Pitcairn
- Portugal
- Argentina
- Australia
- Gibraltar
- Greenland
- Guatemala
- Sri Lanka
- Antarctica

- Mauritius
- Nicaragua
- Singapore
- Costa Rica
- Guadeloupe
- Kazakhstan
- Kyrgyzstan
- Luxembourg
- Mozambique
- San Marino
- Seychelles
- Tajikistan
- Uzbekistan
- Philippines
- Puerto Rico
- Saint Lucia
- South Sudan
- Switzerland
- Sierra Leone
- South Africa
- Turkmenistan
- Åland Islands
- Bouvet Island
- New Caledonia
- Taiwan, China
- American Samoa
- Cayman Islands
- Norfolk Island
- Marshall Islands
- Papua New Guinea

- Azerbaijan
- Bangladesh
- Cabo Verde
- Madagascar
- Martinique
- Mauritania
- Montenegro
- Montserrat
- Afghanistan
- El Salvador
- Isle of Man
- Netherlands
- New Zealand
- Timor-Leste
- Burkina Faso
- Cook Islands
- Saint Helena
- Saudi Arabia
- Côte d'Ivoire
- Faroe Islands
- French Guiana
- Guinea-Bissau
- Liechtenstein
- Western Sahara
- North Macedonia
- Solomon Islands
- Christmas Island
- French Polynesia
- Republic of Korea
- Dominican Republic

- Saint Barthélemy
- Brunei Darussalam
- Equatorial Guinea
- Republic of Moldova
- Trinidad and Tobago
- Bosnia & Herzegovina
- Hong Kong SAR, China
- Syrian Arab Republic
- Central African Republic
- Northern Mariana Islands
- Turks and Caicos Islands
- United States of America
- Saint Pierre and Miquelon
- French Southern Territories
- United Republic of Tanzania
- United States Virgin Islands
- British Indian Ocean Territory
- Svalbard and Jan Mayen Islands
- Saint Vincent and the Grenadines
- Heard Island and McDonald Islands
- Venezuela (Bolivarian Republic of)
- United States Minor Outlying Islands
- Democratic People's Republic of Korea

- Russian Federation
- State of Palestine
- Antigua and Barbuda
- United Arab Emirates
- Saint Kitts and Nevis
- Sao Tome and Principe
- British Virgin Islands
- Cocos (Keeling) Islands
- Sint Maarten (Dutch part)
- Wallis and Futuna Islands
- Iran (Islamic Republic of)
- Saint Martin (French part)
- Falkland Islands (Malvinas)
- Bolivia (Plurinational State of)
- Bonaire, Sint Eustatius and Saba
- Democratic Republic of the Congo
- Lao People's Democratic Republic
- Micronesia (Federated States of)
- China, Macao Special Administrative Region
- South Georgia and the South Sandwich Islands
- United Kingdom of Great Britain and Northern Ireland
- Thailand

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Biodiversity • Plastics • Climate Change • Forests 	<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods 	<ul style="list-style-type: none"> • AFi Core Principle 12 • RE100_Framework_Alignment

Environmental Issue	Questionnaire sector	Framework Alignment
	<ul style="list-style-type: none"> • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	

(1.24) Has your organization mapped its value chain?

(1.24.1) Value chain mapped

Select from:

- Yes, we have mapped or are currently in the process of mapping our value chain
- No, but we plan to do so within the next two years
- No, and we do not plan to do so within the next two years

(1.24.2) Value chain stages covered in mapping

Select all that apply

- Upstream value chain
- Downstream value chain

(1.24.3) Highest supplier tier mapped

Select from:

- Tier 1 suppliers
- Tier 2 suppliers
- Tier 3 suppliers
- Tier 4+ suppliers

(1.24.4) Highest supplier tier known but not mapped

Select from:

- Tier 1 suppliers
- Tier 2 suppliers
- Tier 3 suppliers
- Tier 4+ suppliers
- All supplier tiers known have been mapped

(1.24.7) Description of mapping process and coverage

Rich text input [must be under 2500 characters]

(1.24.8) Primary reason for not mapping your upstream value chain or any value chain stages

Select from:

- Lack of internal resources, capabilities, or expertise (e.g., due to organization size)
- No standardized procedure
- Not an immediate strategic priority
- Judged to be unimportant or not relevant
- Other, please specify

(1.24.9) Explain why your organization has not mapped its upstream value chain or any value chain stages

Rich text input [must be under 2500 characters]

[Fixed row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none">• Water• Climate Change• Forests	<ul style="list-style-type: none">• Financial services• Oil & Gas• Coal• General• Capital goods• Transport OEMS - EPM• Chemicals• Metals & mining• Transport services• Steel• Agricultural commodities• Electric utilities• Transport OEMS• Cement• Food, beverage & tobacco• Paper & forestry• Real estate• Construction	<ul style="list-style-type: none">• ESRS 2• AFi Core Principle 4• AFi Core Principle 5

(1.24.1) Have you mapped where in your direct operations or elsewhere in your value chain plastics are produced, commercialized, used, and/or disposed of?

(1.24.1.1) Plastics mapping

Select from:

- Yes, we have mapped or are currently in the process of mapping plastics in our value chain
- No, but we plan to within the next two years

No, and we do not plan to within the next two years

(1.24.1.2) Value chain stages covered in mapping

Select all that apply

- Upstream value chain
- Downstream value chain
- End-of-life management
- Other, please specify

(1.24.1.4) End-of-life management pathways mapped

Select all that apply

- | | |
|--|---|
| <input type="checkbox"/> Leakage | <input type="checkbox"/> Mismanaged waste |
| <input type="checkbox"/> Landfill | <input type="checkbox"/> Preparation for reuse |
| <input type="checkbox"/> Recycling | <input type="checkbox"/> Composting (industrial/home) |
| <input type="checkbox"/> Incineration | <input type="checkbox"/> Other, please specify |
| <input type="checkbox"/> Waste to Energy | |

(1.24.1.5) Primary reason for not mapping plastics in your value chain

Select from:

- Lack of internal resources, capabilities, or expertise (e.g., due to organization size)
- No standardized procedure
- Not an immediate strategic priority
- Judged to be unimportant or not relevant
- Other, please specify

(1.24.1.6) Explain why your organization has not mapped plastics in your value chain

*Rich text input [must be under 2500 characters]
[Fixed row]*

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • Plastics

C2. Identification, assessment, and management of dependencies, impacts, risks, and opportunities

(2.1) How does your organization define short-, medium-, and long-term time horizons in relation to the identification, assessment, and management of your environmental dependencies, impacts, risks, and opportunities?

Short-term

(2.1.1) From (years)

0

(2.1.2) Is your long-term time horizon open ended?

Select from:

Yes

No

(2.1.3) To (years)

3

(2.1.4) How this time horizon is linked to strategic and/or financial planning

The length of period considered as shortterm is aligning with corporate risk management procedure

Medium-term

(2.1.1) From (years)

0

(2.1.2) Is your long-term time horizon open ended?

Select from:

Yes

No

(2.1.3) To (years)

7

(2.1.4) How this time horizon is linked to strategic and/or financial planning

The length of period considered as mediumterm is aligning with our target on carbon neutrality within 2030

Long-term

(2.1.1) From (years)

7

(2.1.2) Is your long-term time horizon open ended?

Select from:

Yes

No

(2.1.3) To (years)

20

(2.1.4) How this time horizon is linked to strategic and/or financial planning

The longest time horizon considered in CP ALLs Climate Scenario Analysis is up to approximately years 30 years in 2050 This is reflected by our target on net zero greenhouse gas emission within 2050 which is beyond Thailand's Nationally Determined Contribution NDC which aims to achieve 2025 greenhouse gas emissions reduction by 2030 compared to BAU

[Fixed row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Biodiversity • Plastics • Climate Change • Forests 	<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • TCFD Risk Management B • ESRS 2 • TCFD Strategy A • TNFD Risk & impact management B • IFRS S2 10 • TNFD Strategy A • TNFD Risk & impact management C • ESRS E1 • TNFD Risk & impact management A(ii) • AFi Core Principle 5 • TNFD Risk & impact management A(i) • TCFD Risk Management A • ESRS E3 • TCFD Risk Management C

(2.2) Does your organization have a process for identifying, assessing, and managing environmental dependencies and/or impacts?

(2.2.1) Process in place

Select from:

- Yes
- No, but we plan to within the next two years
- No, and we do not plan to within the next two years

(2.2.2) Dependencies and/or impacts evaluated in this process

Select from:

- Dependencies only
- Impacts only
- Both dependencies and impacts

(2.2.4) Primary reason for not evaluating dependencies and/or impacts

Select from:

- Lack of internal resources, capabilities, or expertise (e.g., due to organization size)
- No standardized procedure
- Not an immediate strategic priority
- Judged to be unimportant or not relevant
- Other, please specify

(2.2.5) Explain why you do not evaluate dependencies and/or impacts and describe any plans to do so in the future

We have not evaluated and plan to in the next two years

[Fixed row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Biodiversity • Plastics • Climate Change • Forests 	<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services 	<ul style="list-style-type: none"> • TNFD Risk & impact management B • TNFD Risk & impact management A(ii) • TNFD Risk & impact management A(i)

Environmental Issue	Questionnaire sector	Framework Alignment
	<ul style="list-style-type: none"> • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Biodiversity - Mines • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	

(2.2.1) Does your organization have a process for identifying, assessing, and managing environmental risks and/or opportunities?

(2.2.1.1) Process in place

Select from:

- Yes
- No, but we plan to within the next two years
- No, and we do not plan to within the next two years

(2.2.1.2) Risks and/or opportunities evaluated in this process

Select from:

- Risks only
- Opportunities only
- Both risks and opportunities

(2.2.1.3) Is this process informed by the dependencies and/or impacts process?

Select from:

Yes

No

(2.2.1.4) Primary reason for not evaluating risks and/or opportunities

Select from:

Lack of internal resources, capabilities, or expertise (e.g., due to organization size)

No standardized procedure

Not an immediate strategic priority

Judged to be unimportant or not relevant

Other, please specify

(2.2.1.5) Explain why you do not evaluate risks and/or opportunities and describe any plans to do so in the future

Rich text input [must be under 2500 characters]

(2.2.1.6) Explain why you do not have a process for evaluating both risks and opportunities that is informed by a dependencies and/or impacts process

Rich text input [must be under 2500 characters]

[Fixed row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none">• Water• Biodiversity• Plastics• Climate Change• Forests	<ul style="list-style-type: none">• Financial services• Oil & Gas• Coal• General• Capital goods• Transport OEMS - EPM• Chemicals	<ul style="list-style-type: none">• TCFD Risk Management B• CEO WM Implications: Business risks• TNFD Risk & impact management B• TNFD Risk & impact management A(ii)• AFi Core Principle 5• TNFD Risk & impact management A(i)• TCFD Risk Management A

Environmental Issue	Questionnaire sector	Framework Alignment
	<ul style="list-style-type: none"> • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Biodiversity - Mines • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • TCFD Risk Management C

(2.2.2) Provide details of your organization’s process for identifying, assessing, and managing environmental dependencies, impacts, risks, and/or opportunities.

Row 1

(2.2.2.1) Environmental issue

Select all that apply

- Climate change
- Plastics
- Biodiversity

(2.2.2.2) Indicate which of dependencies, impacts, risks, and opportunities are covered by the process for this environmental issue

Select all that apply

- Dependencies
- Impacts
- Risks
- Opportunities

(2.2.2.3) Value chain stages covered

Select all that apply

- Direct operations
- Upstream value chain
- Downstream value chain
- End of life management

(2.2.2.4) Coverage

Select from:

- Full
- Partial

(2.2.2.5) Supplier tiers covered

Select all that apply

- Tier 1 suppliers
- Tier 2 suppliers
- Tier 3 suppliers
- Tier 4+ suppliers

(2.2.2.7) Type of assessment

Select from:

- Qualitative only
- Quantitative only
- Qualitative and quantitative

(2.2.2.8) Frequency of assessment

Select from:

- Annually
- Not defined
- Every two years
- Every three years or more
- As important matters arise
- More than once a year

(2.2.2.9) Time horizons covered

Select all that apply

- Short-term
- Medium-term
- Long-term

(2.2.2.10) Integration of risk management process

Select from:

- Integrated into multi-disciplinary organization-wide risk management process
- A specific environmental risk management process

(2.2.2.11) Location-specificity used

Select all that apply

- Site-specific
- Local
- Sub-national
- National
- Not location specific

(2.2.2.12) Tools and methods used

Commercially/publicly available tools

- ReCiPe
- Bioscope
- Circulytics
- Encore tool
- Collect Earth
- WWF ReSource Footprint Tracker
- BIM – Biodiversity Impact Metric
- CBF – Corporate Biodiversity Footprint
- Understanding Packaging (UP) Scorecard
- BFC – Biodiversity Footprint Calculator
- IBAT – Integrated Biodiversity Assessment Tool
- BISI – Biodiversity Indicators for Site-based impacts
- Ellen MacArthur Foundation Recyclability Assessment Tool
- LEAP (Locate, Evaluate, Assess and Prepare) approach, TNFD
- IBAT for Business

Enterprise Risk Management

- Risk models
- Stress tests
- Internal company methods
- Enterprise Risk Management
- ISO 31000 Risk Management Standard

International methodologies and standards

- Life Cycle Assessment
- Environmental Impact Assessment
- IPCC Climate Change Projections
- ISO 14001 Environmental Management Standard
- Paris Agreement Capital Transition Assessment (PACTA) tool

- Plastic Leak Project
- Global Forest Watch Pro
- Plastic Footprint Network
- WWF Biodiversity Risk Filter
- Biological Diversity Protocol
- BNGC – Biodiversity Net Gain Calculator
- BFM – Biodiversity Footprint Methodology
- CBD – Convention on Biological Diversity
- WBCSD Corporate Ecosystem Services Review
- Biodiversity indicators for site-based impacts
- TNFD – Taskforce on Nature-related Financial Disclosures
- Other commercially/publicly available tools, please specify

- COSO Enterprise Risk Management Framework
- Other enterprise risk management, please specify

- Other international methodologies and standards, please specify

Databases

- Nation-specific databases, tools, or standards
- Regional government databases
- Other databases, please specify

Other

- Scenario analysis
- Desk-based research
- External consultants
- Materiality assessment
- Internal company methods
- Jurisdictional/landscape assessment
- Partner and stakeholder consultation/analysis
- Other, please specify

(2.2.2.13) Risk types and criteria considered

Acute physical

- Tornado
- Avalanche
- Landslide
- Wildfires
- Heat waves
- Heavy precipitation (rain, hail, snow/ice)
- Storm (including blizzards, dust, and sandstorms)
- Drought
- Flood (coastal, fluvial, pluvial, ground water)
- Other acute physical risk, please specify
- Subsidence
- Cold wave/frost
- Pollution incident
- Glacial lake outburst
- Cyclones, hurricanes, typhoons

Chronic physical

- Heat stress
- Soil erosion
- Solifluction
- Water stress
- Coastal erosion
- Soil degradation
- Change in land-use
- Permafrost thawing

- Sea level rise
 - Changing wind patterns
 - Temperature variability
 - Declining ecosystem services
 - Increased ecosystem vulnerability
 - Water quality at a basin/catchment level
 - Changing precipitation patterns and types (rain, hail, snow/ice)
 - Increased levels of macro or microplastic leakage to air, soil, freshwater and/or marine bodies
 - Other chronic physical driver, please specify
- Ocean acidification
 - Precipitation or hydrological variability
 - Increased severity of extreme weather events
 - Water availability at a basin/catchment level
 - Leaching of hazardous substances from plastics
 - Changing temperature (air, freshwater, marine water)

Policy

- Carbon pricing mechanisms
- Changes to national legislation
- Poor coordination between regulatory bodies
- Poor enforcement of environmental regulation
- Increased difficulty in obtaining operations permits
- Lack of globally accepted and harmonized definitions
- Changes to international law and bilateral agreements
- Uncertainty and/or conflicts involving land tenure rights and water rights
- Lack of mature certification and sustainability standards
- Other policy, please specify

Market

- Uncertainty in the market signals
- Availability and/or increased cost of raw materials
- Availability and/or increased cost of recycled or renewable content
- Inadequate access to water, sanitation, and hygiene services (WASH)
- Availability and/or increased cost of certified sustainable material
- Changing customer behavior
- Other market, please specify

Reputation

- Impact on human health
- Stigmatization of sector
- Stakeholder conflicts concerning water resources at a basin/catchment level
- Exclusion of vulnerable and marginalized stakeholders (e.g., informal workers)
- Increased partner and stakeholder concern and partner and stakeholder negative feedback

- Negative press coverage related to support of projects or activities with negative impacts on the environment (e.g. GHG emissions, deforestation & conversion, water stress)
- Other reputation, please specify

Technology

- Transition to reusable products
- Transition to recyclable plastic products
- Transition to increasing recycled content
- Transition to increasing renewable content
- Unsuccessful investment in new technologies
- Dependency on water-intensive energy sources
- Data access/availability or monitoring systems
- Transition to water intensive, low carbon energy sources
- Transition to lower emissions technology and products
- Other technology, please specify

Liability

- Exposure to litigation
- Non-compliance with regulations
- Other liability, please specify

(2.2.2.14) Partners and stakeholders considered

Select all that apply

- NGOs
- Regulators
- Indigenous peoples
- Other water users at the basin/catchment level
- Other commodity users/producers at a local level
- Other, please specify
- Customers
- Employees
- Investors
- Suppliers
- Local communities

(2.2.2.15) Has this process changed since the previous reporting year?

Select from:

- Yes
- No

(2.2.2.16) Further details of process

Process used to determine which risks and opportunities could have a substantive financial or strategic impact The process to identify climate risks and opportunities that could have substantive financial or strategic impacts at CP ALL is carried out in Bottomup and Topdown approach In a bottomup approach Risk champions who are representatives of each business unit and support function are in charge of identifying climaterelated risk issues related to their direct operations as well as upstream and downstream mainly in the short to medium term Subsequently the impact and likelihood of individual risk topics are evaluated based on established risk criteria Risk champions convene quarterly to discuss key risks together and assess if there are any potential to cause significant financial or strategic impact Changes in risk status from the previous period are also updated For risks with substantive financial or strategic impact key risk indicators KRI will be specified to monitor early warning signals and establish response plans The situation and results of risk management are reported quarterly to the Risk Management Committee and semiannually to the Audit Committee In addition relevant climaterelated opportunities covering own operations upstream and downstream of the value chain are identified assessed and managed internally for each function The results are reported to the sustainability working group as part of the annual sustainability reporting In the topdown approach the Sustainability Subcommittee are in charge of identifying and assessing current and emerging climaterelated risks and opportunities covering shortterm mediumterm and longterm Risks and opportunities with significant financial or strategic influence are supervised and managed by corresponding senior management The management status and results are reported to the Audit Committee and the Sustainability and Corporate Governance Committee semiannually

[Add row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Biodiversity • Plastics • Climate Change • Forests 	<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Biodiversity - Mines 	<ul style="list-style-type: none"> • ESRS 2 • TNFD Metrics & targets B • ESRS E2 • CEO WM Implications: Business risks • TNFD Risk & impact management B • ESRS E4 • TNFD Risk & impact management C • IFRS S2 25 • ESRS E1 • GRI Disclosure 303-1 • TNFD Risk & impact management A(ii) • AFi Core Principle 5 • TNFD Risk & impact management A(i) • TCFD Risk Management A

Environmental Issue	Questionnaire sector	Framework Alignment
	<ul style="list-style-type: none"> • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • ESRS E3

(2.2.7) Are the interconnections between environmental dependencies, impacts, risks and/or opportunities assessed?

(2.2.7.1) Interconnections between environmental dependencies, impacts, risks and/or opportunities assessed

Select from:

Yes

No

(2.2.7.2) Description of how interconnections are assessed

Rich text input [must be under 3000 characters]

(2.2.7.3) Primary reason for not assessing interconnections between environmental dependencies, impacts, risks and/or opportunities

Select from:

Lack of internal resources, capabilities, or expertise (e.g., due to organization size)

No standardized procedure

Not an immediate strategic priority

Judged to be unimportant or not relevant

Other, please specify

(2.2.7.4) Explain why you do not assess the interconnections between environmental dependencies, impacts, risks and/or opportunities

We have not evaluated and plan to in the next two years

[Fixed row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Biodiversity • Plastics • Climate Change • Forests 	<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • ESRS 2 • TNFD Strategy A

(2.3) Have you identified priority locations across your value chain?

(2.3.1) Identification of priority locations

Select from:

Yes, we have identified priority locations

Yes, we are currently in the process of identifying priority locations

- No, but we plan to within the next two years
- No, and we do not plan to within the next two years

(2.3.2) Value chain stages where priority locations have been identified

Select all that apply

- Direct operations
- Upstream value chain
- Downstream value chain

(2.3.3) Types of priority locations identified

Sensitive locations

- Areas important for biodiversity
- Areas of high ecosystem integrity
- Areas of rapid decline in ecosystem integrity
- Areas of importance for ecosystem service provision
- Areas of limited water availability, flooding, and/or poor quality of water
- Other sensitive location, please specify

Locations with substantive dependencies, impacts, risks, and/or opportunities

- Locations with substantive dependencies, impacts, risks, and/or opportunities relating to forests
- Locations with substantive dependencies, impacts, risks, and/or opportunities relating to water
- Locations with substantive dependencies, impacts, risks, and/or opportunities relating to biodiversity
- Other location with substantive nature-related dependencies, impacts, risks, and/or opportunities, please specify

(2.3.4) Description of process to identify priority locations

The Company primarily uses tap water for the nationwide business operations including manufacturing processes laundry services and cleanliness maintenance. Additionally, groundwater is utilized in certain areas where the Company operates such as CP Ram Co Ltd and CP Axta Public Company Limited to mitigate and reduce the risks of water scarcity in surrounding communities which could potentially impact the Company's business operations. The Company has efficiently managed water resources through the assessment of water scarcity risks using the Aqueduct tool from the World Resource Institute encompassing all operational areas. The risk assessment results indicate that 3962 of the Company's operational areas are in areas with extremely high risk. The Company has enhanced efficiency in water resource management by assigning Water Management Working Group to develop water usage reduction plans and implementing various projects.

nationwide to support appropriate water conservation efforts Additionally the Company has conducted assessments of water scarcity risks for Critical Tier 1 suppliers totaling 115 suppliers using the Aqueduct tool which provides areaspecific risk assessment The assessment results revealed that 34 Critical Tier 1 suppliers are located in areas with extremely high and high levels of water scarcity risk

(2.3.5) Will you be disclosing a list/spatial map of priority locations?

Select from:

- Yes, we will be disclosing the list/geospatial map of priority locations
- No, we have a list/geospatial map of priority locations, but we will not be disclosing it
- No, we do not have a list/geospatial map of priority locations

(2.3.6) Provide a list and/or spatial map of priority locations

(2.3.7) Primary reason for not identifying priority locations

Select from:

- Lack of internal resources, capabilities, or expertise (e.g., due to organization size)
- No standardized procedure
- Not an immediate strategic priority
- Judged to be unimportant or not relevant
- Other, please specify

(2.3.8) Explain why you do not identify priority locations

Rich text input [must be under 2500 characters]
[Fixed row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Biodiversity • Forests 	<ul style="list-style-type: none"> • Oil & Gas • Coal • General 	<ul style="list-style-type: none"> • TNFD Strategy D • ESRS E4

Environmental Issue	Questionnaire sector	Framework Alignment
	<ul style="list-style-type: none"> • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	

(2.4) How does your organization define substantive effects on your organization?

Risks

(2.4.1) Type of definition

Select all that apply

Qualitative

Quantitative

(2.4.2) Indicator used to define substantive effect

Select from:

EBITDA

Liabilities

- Revenue
- Share price
- Asset value
- Credit risk
- Employee turnover
- Shareholder value
- Strategic customers
- Capital expenditures
- Production capacity

- Market share
- Stranded assets
- Capital allocation
- Customer complaints
- Direct operating costs
- Indirect operating costs
- Other, please specify

(2.4.3) Change to indicator

Select from:

- Absolute decrease
- Absolute increase
- % decrease
- % increase

(2.4.4) % change to indicator

Select from:

- | | |
|---------------------------------------|--------------------------------|
| <input type="checkbox"/> 1-10 | <input type="checkbox"/> 41-50 |
| <input type="checkbox"/> 100% | <input type="checkbox"/> 51-60 |
| <input type="checkbox"/> 11-20 | <input type="checkbox"/> 61-70 |
| <input type="checkbox"/> 21-30 | <input type="checkbox"/> 71-80 |
| <input type="checkbox"/> 31-40 | <input type="checkbox"/> 81-90 |
| <input type="checkbox"/> 91-99 | |
| <input type="checkbox"/> Less than 1% | |

(2.4.5) Absolute increase/ decrease figure

Numeric input [must be between [0 - 99999999999]]

(2.4.6) Metrics considered in definition

Select all that apply

- Frequency of effect occurring
- Time horizon over which the effect occurs
- Likelihood of effect occurring
- Other, please specify

(2.4.7) Application of definition

CP ALL defines substantive financial and strategic impact when assessing the climate-related risks and opportunities as those impacts resulted from climate change that cause a significant operational disruption financial loss reputational damage loss of employee wellbeing and trusts as well as legal violation and the opposite in terms of opportunities

Opportunities

(2.4.1) Type of definition

Select all that apply

- Qualitative
- Quantitative

(2.4.2) Indicator used to define substantive effect

Select from:

- EBITDA
- Revenue
- Share price
- Asset value
- Credit risk
- Employee turnover
- Shareholder value
- Strategic customers
- Liabilities
- Market share
- Stranded assets
- Capital allocation
- Customer complaints
- Direct operating costs
- Indirect operating costs
- Other, please specify

- Capital expenditures
- Production capacity

(2.4.3) Change to indicator

Select from:

- Absolute decrease
- Absolute increase
- % decrease
- % increase

(2.4.4) % change to indicator

Select from:

- | | |
|---------------------------------------|--------------------------------|
| <input type="checkbox"/> 1-10 | <input type="checkbox"/> 41-50 |
| <input type="checkbox"/> 100% | <input type="checkbox"/> 51-60 |
| <input type="checkbox"/> 11-20 | <input type="checkbox"/> 61-70 |
| <input type="checkbox"/> 21-30 | <input type="checkbox"/> 71-80 |
| <input type="checkbox"/> 31-40 | <input type="checkbox"/> 81-90 |
| <input type="checkbox"/> 91-99 | |
| <input type="checkbox"/> Less than 1% | |

(2.4.5) Absolute increase/ decrease figure

Numeric input [must be between [0 - 999999999999]]

(2.4.6) Metrics considered in definition

Select all that apply

- Frequency of effect occurring
- Time horizon over which the effect occurs
- Likelihood of effect occurring
- Other, please specify

(2.4.7) Application of definition

CP ALL defines substantive financial and strategic impact when assessing the climaterelated risks and opportunities as those impacts resulted from climate change that cause a significant operational disruption financial loss reputational damage loss of employee wellbeing and trusts as well as legal violation and the opposite in terms of opportunities

[Add row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Biodiversity • Plastics • Climate Change • Forests 	<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Biodiversity - Mines • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • ESRS 2

C3. Disclosure of risks and opportunities

(3.1) Have you identified any environmental risks which have had a substantive effect on your organization in the reporting year, or are anticipated to have a substantive effect on your organization in the future?

Climate change

(3.1.1) Environmental risks identified

Select from:

- Yes, both in direct operations and upstream/downstream value chain
- Yes, only within our direct operations
- Yes, only in our upstream/downstream value chain
- No

(3.1.2) Primary reason why your organization does not consider itself to have environmental risks in your direct operations and/or upstream/downstream value chain

Select from:

- Insufficient data
- Evaluation in progress
- No standardized procedure
- Not an immediate strategic priority
- Lack of internal resources, capabilities, or expertise (e.g., due to organization size)
- Environmental risks exist, but none with the potential to have a substantive effect on our organization
- Other, please specify

(3.1.3) Please explain

Rich text input [must be under 2500 characters]

Plastics

(3.1.1) Environmental risks identified

Select from:

- Yes, both in direct operations and upstream/downstream value chain
- Yes, only within our direct operations
- Yes, only in our upstream/downstream value chain
- No

(3.1.2) Primary reason why your organization does not consider itself to have environmental risks in your direct operations and/or upstream/downstream value chain

Select from:

- Insufficient data
- Evaluation in progress
- No standardized procedure
- Not an immediate strategic priority
- Lack of internal resources, capabilities, or expertise (e.g., due to organization size)
- Environmental risks exist, but none with the potential to have a substantive effect on our organization
- Other, please specify

(3.1.3) Please explain

Rich text input [must be under 2500 characters]
[Fixed row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none">• Water• Biodiversity• Plastics	<ul style="list-style-type: none">• Financial services• Oil & Gas• Coal	<ul style="list-style-type: none">• ESRS 2• TCFD Strategy A• ESRS E2

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Climate Change • Forests 	<ul style="list-style-type: none"> • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • CEO WM Implications: Business risks • TNFD Strategy A • ESRS E4 • CEO WM Implications: External impacts • ESRS E1 • NZAM Commitment 6 • AFi Core Principle 5 • ESRS E3

(3.1.1) Provide details of the environmental risks identified which have had a substantive effect on your organization in the reporting year, or are anticipated to have a substantive effect on your organization in the future.

Climate change

(3.1.1.1) Risk identifier

Select from:

- | | |
|--------------------------------|---------------------------------|
| <input type="checkbox"/> Risk2 | <input type="checkbox"/> Risk7 |
| <input type="checkbox"/> Risk3 | <input type="checkbox"/> Risk8 |
| <input type="checkbox"/> Risk4 | <input type="checkbox"/> Risk9 |
| <input type="checkbox"/> Risk5 | <input type="checkbox"/> Risk10 |

- Risk6
- Risk12
- Risk13
- Risk14
- Risk15
- Risk16
- Risk22
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- Risk25
- Risk26
- Risk32
- Risk33
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- Risk93
- Risk94
- Risk95
- Risk96

- Risk71
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- Risk88
- Risk89
- Risk90
- Risk91
- Risk97
- Risk98
- Risk99
- Risk100
- Risk1

(3.1.1.3) Risk types and primary environmental risk driver

Policy

- Carbon pricing mechanisms
- Changes to national legislation
- Poor enforcement of environmental regulation
- Poor coordination between regulatory bodies
- Lack of globally accepted and harmonized definitions
- Other policy risk, please specify

- Changes to international law and bilateral agreements
- Increased difficulty in obtaining operations permits
- Changes to regulation of existing products and services
- Lack of mature certification and sustainability standards
- Uncertainty and/or conflicts involving land tenure rights and water rights

Liability

- Exposure to sanctions and litigation
- Non-compliance with legislation
- Other liability risk, please specify

Technology

- Transition to reusable products
- Transition to recyclable plastic products
- Transition to increasing recycled content
- Transition to increasing renewable content
- Dependency on water intensive energy sources
- Unsuccessful investment in new technologies
- Lack of access to data or monitoring systems
- Transition to lower emissions technology and products
- Transition to water intensive, low-carbon energy sources
- Other technology risk, please specify

Market

- Changing customer behavior
- Uncertainty in market signals
- Lack of availability and/or increased cost of recycled or renewable content
- Increased costs and/or uncertainties related to the cost of virgin plastics
- Lack of availability and/or increased cost of certified sustainable material
- Other market risk, please specify

Reputation

- Impact on human health
- Stigmatization of sector
- Exclusion of vulnerable and marginalized stakeholders (e.g., informal workers)
- Increased partner and stakeholder concern or negative partner and stakeholder feedback
- Negative press coverage related to support of projects or activities with negative impacts on the environment (e.g. GHG emissions, deforestation & conversion, water stress)
- Other reputation risk, please specify

Acute physical

- Tornado
- Avalanche
- Drought
- Heat wave
- Landslide
- Cyclone, hurricane, typhoon
- Heavy precipitation (rain, hail, snow/ice)
- Wildfires
- Subsidence
- Cold wave/frost
- Pollution incident
- Glacial lake outburst

- Storm (including blizzards, dust and sandstorm)
- Flooding (coastal, fluvial, pluvial, groundwater)
- Other acute physical risk, please specify

Chronic physical

- | | |
|--|--|
| <input type="checkbox"/> Heat stress | <input type="checkbox"/> Coastal erosion |
| <input type="checkbox"/> Soil erosion | <input type="checkbox"/> Soil degradation |
| <input type="checkbox"/> Solifluction | <input type="checkbox"/> Change in land-use |
| <input type="checkbox"/> Sea level rise | <input type="checkbox"/> Permafrost thawing |
| <input type="checkbox"/> Water stress | <input type="checkbox"/> Ocean acidification |
| <input type="checkbox"/> Changing wind patterns | |
| <input type="checkbox"/> Temperature variability | |
| <input type="checkbox"/> Declining ecosystem services | |
| <input type="checkbox"/> Increased ecosystem vulnerability | |
| <input type="checkbox"/> Precipitation or hydrological variability | |
| <input type="checkbox"/> Increased severity of extreme weather events | |
| <input type="checkbox"/> Leaching of hazardous substances from plastics | |
| <input type="checkbox"/> Changing temperature (air, freshwater, marine water) | |
| <input type="checkbox"/> Changing precipitation patterns and types (rain, hail, snow/ice) | |
| <input type="checkbox"/> Increased levels of macro or microplastic leakage to air, soil, freshwater and/or marine bodies | |
| <input type="checkbox"/> Other chronic physical risk, please specify | |

(3.1.1.4) Value chain stage where the risk occurs

Select from:

- Direct operations
- Upstream value chain
- Downstream value chain
- End-of-life management

(3.1.1.6) Country/area where the risk occurs

Select all that apply

- | | |
|---------------------------------|---------------------------------|
| <input type="checkbox"/> Chad | <input type="checkbox"/> Mali |
| <input type="checkbox"/> Cuba | <input type="checkbox"/> Niue |
| <input type="checkbox"/> Fiji | <input type="checkbox"/> Oman |
| <input type="checkbox"/> Guam | <input type="checkbox"/> Peru |
| <input type="checkbox"/> Iraq | <input type="checkbox"/> Togo |
| <input type="checkbox"/> Aruba | <input type="checkbox"/> Egypt |
| <input type="checkbox"/> Benin | <input type="checkbox"/> Gabon |
| <input type="checkbox"/> Chile | <input type="checkbox"/> Ghana |
| <input type="checkbox"/> China | <input type="checkbox"/> Haiti |
| <input type="checkbox"/> Congo | <input type="checkbox"/> India |
| <input type="checkbox"/> Italy | <input type="checkbox"/> Nauru |
| <input type="checkbox"/> Japan | <input type="checkbox"/> Nepal |
| <input type="checkbox"/> Kenya | <input type="checkbox"/> Niger |
| <input type="checkbox"/> Libya | <input type="checkbox"/> Palau |
| <input type="checkbox"/> Malta | <input type="checkbox"/> Qatar |
| <input type="checkbox"/> Samoa | <input type="checkbox"/> Angola |
| <input type="checkbox"/> Spain | <input type="checkbox"/> Belize |
| <input type="checkbox"/> Sudan | <input type="checkbox"/> Bhutan |
| <input type="checkbox"/> Tonga | <input type="checkbox"/> Brazil |
| <input type="checkbox"/> Yemen | <input type="checkbox"/> Canada |
| <input type="checkbox"/> Cyprus | <input type="checkbox"/> Guyana |
| <input type="checkbox"/> France | <input type="checkbox"/> Israel |
| <input type="checkbox"/> Gambia | <input type="checkbox"/> Jersey |
| <input type="checkbox"/> Greece | <input type="checkbox"/> Jordan |
| <input type="checkbox"/> Guinea | <input type="checkbox"/> Kuwait |
| <input type="checkbox"/> Latvia | <input type="checkbox"/> Panama |
| <input type="checkbox"/> Malawi | <input type="checkbox"/> Poland |

- Mexico
- Monaco
- Norway
- Turkey
- Tuvalu
- Uganda
- Zambia
- Albania
- Bahrain
- Belarus
- Belgium
- Bermuda
- Burundi
- Ecuador
- Eritrea
- Estonia
- Finland
- Georgia
- Jamaica
- Lebanon
- Lesotho
- Liberia
- Mayotte
- Romania
- Senegal
- Somalia
- Tokelau
- Tunisia
- Botswana
- Bulgaria

- Rwanda
- Serbia
- Sweden
- Algeria
- Andorra
- Armenia
- Austria
- Bahamas
- Comoros
- Croatia
- Curaçao
- Czechia
- Denmark
- Germany
- Grenada
- Hungary
- Iceland
- Ireland
- Morocco
- Myanmar
- Namibia
- Nigeria
- Réunion
- Ukraine
- Uruguay
- Vanuatu
- Anguilla
- Barbados
- Djibouti
- Dominica

- Cambodia
- Cameroon
- Colombia
- Holy See
- Honduras
- Kiribati
- Malaysia
- Maldives
- Slovakia
- Slovenia
- Suriname
- Viet Nam
- Zimbabwe
- Indonesia
- Lithuania
- Mauritius
- Nicaragua
- Singapore
- Costa Rica
- Guadeloupe
- Kazakhstan
- Kyrgyzstan
- Luxembourg
- Mozambique
- San Marino
- Seychelles
- Tajikistan
- Uzbekistan
- Philippines
- Puerto Rico

- Eswatini
- Ethiopia
- Guernsey
- Mongolia
- Pakistan
- Paraguay
- Pitcairn
- Portugal
- Argentina
- Australia
- Gibraltar
- Greenland
- Guatemala
- Sri Lanka
- Antarctica
- Azerbaijan
- Bangladesh
- Cabo Verde
- Madagascar
- Martinique
- Mauritania
- Montenegro
- Montserrat
- Afghanistan
- El Salvador
- Isle of Man
- Netherlands
- New Zealand
- Timor-Leste
- Burkina Faso

- Saint Lucia
- South Sudan
- Switzerland
- Sierra Leone
- South Africa
- Turkmenistan
- Åland Islands
- Bouvet Island
- New Caledonia
- Taiwan, China
- American Samoa
- Cayman Islands
- Norfolk Island
- Marshall Islands
- Papua New Guinea
- Saint Barthélemy
- Brunei Darussalam
- Equatorial Guinea
- Republic of Moldova
- Trinidad and Tobago
- Bosnia & Herzegovina
- Hong Kong SAR, China
- Syrian Arab Republic
- Central African Republic
- Northern Mariana Islands
- Turks and Caicos Islands
- United States of America
- Saint Pierre and Miquelon
- French Southern Territories
- United Republic of Tanzania

- Cook Islands
- Saint Helena
- Saudi Arabia
- Côte d'Ivoire
- Faroe Islands
- French Guiana
- Guinea-Bissau
- Liechtenstein
- Western Sahara
- North Macedonia
- Solomon Islands
- Christmas Island
- French Polynesia
- Republic of Korea
- Dominican Republic
- Russian Federation
- State of Palestine
- Antigua and Barbuda
- United Arab Emirates
- Saint Kitts and Nevis
- Sao Tome and Principe
- British Virgin Islands
- Cocos (Keeling) Islands
- Sint Maarten (Dutch part)
- Wallis and Futuna Islands
- Iran (Islamic Republic of)
- Saint Martin (French part)
- Falkland Islands (Malvinas)
- Bolivia (Plurinational State of)
- Bonaire, Sint Eustatius and Saba

- United States Virgin Islands
- British Indian Ocean Territory
- Svalbard and Jan Mayen Islands
- Saint Vincent and the Grenadines
- Heard Island and McDonald Islands
- Venezuela (Bolivarian Republic of)
- United States Minor Outlying Islands
- Democratic People's Republic of Korea
- Democratic Republic of the Congo
- Lao People's Democratic Republic
- Micronesia (Federated States of)
- China, Macao Special Administrative Region
- South Georgia and the South Sandwich Islands
- United Kingdom of Great Britain and Northern Ireland
- Thailand

(3.1.1.9) Organization-specific description of risk

As Thailand is one of the most exposed regions to the climate physical impacts flooding as a result of heavy rainfall could affect CP ALL in many ways Flooding can disrupt the operation of our store in floodprone areas such as the central plain of Thailand ie Bangkok Samutprakarn Nonthaburi Pathum thani Saraburi Nakhonpathom Samutsakorn Chachoengsao and Prachinburi provinces Based on 2011 Thailand flood which was among the most notable major flood events our stores in 836 locations were inundated or cut off from transportation route resulted in revenue loss from the store shutdown absence of customers logistic disruption and property damage With rising global temperature the intensity and frequency of flooding might be escalated CP ALL anticipates and prepares for largescale flooding once every decade and more frequent episodes of small scale flooding in some locations

(3.1.1.11) Primary financial effect of the risk

Select from:

- Litigation
- Brand damage
- Constraint to growth
- Disruption to sales
- Closure of operations
- Decrease in shareholder value
- Decreased access to capital
- Increased capital expenditures
- Increased insurance premiums
- Increased production costs
- Fines, penalties or enforcement orders
- Increased direct costs
- Increased credit risk
- Increased compliance costs
- Increased cost of capital
- Loss of license to operate
- Change in revenue mix and sources
- Disruption in production capacity
- Disruption in upstream value chain
- Delays in securing operating licenses
- Increased indirect [operating] costs

- Disruption to workforce management and planning
- Decreased revenues due to reduced production capacity
- Upfront costs to adopt/deploy new practices and processes
- Reduced availability of insurance on assets in “high-risk” locations
- Decreased asset value or asset useful life leading to write-offs, asset impairment or early retirement of existing assets
- Decreased revenues due to reduced demand for products and services
- Other, please specify

(3.1.1.12) Time horizon over which the risk is anticipated to have a substantive effect on the organization

Select all that apply

- Short-term
- Medium-term
- Long-term
- The risk has already had a substantive effect on our organization in the reporting year

(3.1.1.13) Likelihood of the risk having an effect within the anticipated time horizon

Select from:

- | | |
|--|---|
| <input type="checkbox"/> Unlikely | <input type="checkbox"/> More likely than not |
| <input type="checkbox"/> Unknown | <input type="checkbox"/> About as likely as not |
| <input type="checkbox"/> Very likely | <input type="checkbox"/> Exceptionally unlikely |
| <input type="checkbox"/> Very unlikely | <input checked="" type="checkbox"/> Likely |
| <input type="checkbox"/> Virtually certain | |

(3.1.1.14) Magnitude

Select from:

- | | |
|----------------------------------|---|
| <input type="checkbox"/> High | <input checked="" type="checkbox"/> Medium-high |
| <input type="checkbox"/> Low | |
| <input type="checkbox"/> Medium | |
| <input type="checkbox"/> Unknown | |

Medium-low

(3.1.1.15) Effect of the risk on the financial position, financial performance and cash flows of the organization in the reporting year

Rich text input [must be under 2500 characters]

(3.1.1.16) Anticipated effect of the risk on the financial position, financial performance and cash flows of the organization in the selected future time horizons

Loss in revenues from operational disruption and insurance claim are the main considerations in financial impact estimation The reported figure is calculated based on the sales lost from stores affected by the Flood in 2011 54745 million THB from 836 stores and insurance claims from such event 310 million THB extrapolated with the current number of stores in flood risk areas in 2021 109 growth This results in 114416519316 THB

(3.1.1.17) Are you able to quantify the financial effect of the risk?

Select from:

Yes

No

(3.1.1.18) Financial effect figure in the reporting year (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.1.1.19) Anticipated financial effect figure in the short-term – minimum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.1.1.20) Anticipated financial effect figure in the short-term – maximum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.1.1.21) Anticipated financial effect figure in the medium-term – minimum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.1.1.22) Anticipated financial effect figure in the medium-term – maximum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.1.1.23) Anticipated financial effect figure in the long-term – minimum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.1.1.24) Anticipated financial effect figure in the long-term – maximum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.1.1.25) Explanation of financial effect figure

Rich text input [must be under 2500 characters]

(3.1.1.26) Primary response to risk

Agricultural practices

- Other agricultural practice, please specify

Diversification

- Develop new products, services and/or markets
- Increase supplier diversification
- Marketing campaign[s]
- Market expansion
- Other diversification, please specify

Engagement

- Engage with customers
- Engage with suppliers
- Engage with trade unions
- Engage with local communities
- Engage with regulators/policy makers
- Engage in multi-stakeholder initiatives
- Engage with NGOs/special interest groups
- Introduce/strengthen environmental incentives
- Align organization's public policy engagement with its environmental strategy
- Other engagement, please specify

Compliance, monitoring and targets

- Greater due diligence
- Establish site-specific targets
- Establish organization-wide targets
- New or tighter supplier performance standards
- Greater compliance with regulatory requirements
- Improve monitoring of upstream and downstream activities
- Promotion of best practice and awareness in the value chain
- Implementation of environmental best practices in direct operations
- Improve monitoring of direct operations
- Other compliance, monitoring or target, please specify

Infrastructure, technology and spending

- Increase investment in R&D
- Improve maintenance of infrastructure
- Implementing buffer stocks or dual sourcing
- Increase geographic diversity of facilities
- Take action to reduce microplastic emissions
- Take action to switch to recycled content to reduce virgin plastic
- Take action to switch to plastic which is recyclable in practice and at scale
- Take action to move from single-use plastic products/packaging towards reuse models
- Other infrastructure, technology and spending, please specify
- Improve pollution abatement and control measures
- Increase environment-related capital expenditure
- Take action to switch to technically recyclable plastic
- Take action to remove single-use plastic products/packaging
- Establish and improve end-of-life infrastructure and/or technology

Nature based solutions, restoration and conservation

- Implement ecosystem restoration and long-term protection
- Implement nature-based solutions
- Other nature-based solution, restoration and conservation, please specify

Policies and plans

- Increase insurance coverage
- Develop flood emergency plans
- Develop a circular economy plan
- Develop drought emergency plans
- Use risk transfer instruments
- Improve alignment of public policy influencing activity with environmental commitments
- Participation in environmental collaborative industry frameworks, initiatives and/or commitments
- Develop a climate transition plan
- Amend the Business Continuity Plan
- Increased use of sustainably sourced materials
- More ambitious environmental commitments and policies
- Develop a plan to reduce macro and microplastic leakage

Other policies or plans, please specify

Pricing and credits

- Implement internal price on carbon
- Increase internal price on carbon
- Promotion/purchase of carbon credits
- Other pricing or credit, please specify

(3.1.1.27) Cost of response to risk

1045440000

(3.1.1.28) Explanation of cost calculation

To minimize damage in the future Flood Response Plan was developed and deployed across the country The plan consists of renovating of physical facilities Waterresilient store under this concept various aspects were considered such as high walls floor designs doors that can hold against the force of water piping system and pumps as well as establishing an operational guidance for personnel on how to prepare and respond before during and after flood events Flood insurance was also applied to cover expenses and opportunity losses from the disaster The reported cost of response was estimated from the average store renovation cost to become Waterresilient store approx 165000 THBstore across 6336 locations that are in floodprone areas

(3.1.1.29) Description of response

To minimize damage in the future Flood Response Plan was developed and deployed across the country The plan consists of renovating of physical facilities Waterresilient store under this concept various aspects were considered such as high walls floor designs doors that can hold against the force of water piping system and pumps as well as establishing an operational guidance for personnel on how to prepare and respond before during and after flood events Flood insurance was also applied to cover expenses and opportunity losses from the disaster The reported cost of response was estimated from the average store renovation cost to become Waterresilient store approx 165000 THBstore across 6336 locations that are in floodprone areas

Plastics

(3.1.1.1) Risk identifier

Select from:

- Risk2
- Risk8

- Risk3
- Risk5
- Risk6
- Risk7
- Risk12
- Risk13
- Risk14
- Risk15
- Risk16
- Risk22
- Risk23
- Risk24
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- Risk62

- Risk9
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- Risk100
- Risk4

(3.1.1.3) Risk types and primary environmental risk driver

Policy

- Carbon pricing mechanisms
- Changes to national legislation
- Poor enforcement of environmental regulation
- Poor coordination between regulatory bodies
- Lack of globally accepted and harmonized definitions
- Other policy risk, please specify
- Changes to international law and bilateral agreements
- Increased difficulty in obtaining operations permits
- Lack of mature certification and sustainability standards
- Uncertainty and/or conflicts involving land tenure rights and water rights
- Changes to regulation of existing products and services

Liability

- Exposure to sanctions and litigation
- Non-compliance with legislation
- Other liability risk, please specify

Technology

- Transition to reusable products
- Transition to recyclable plastic products
- Transition to increasing recycled content
- Transition to increasing renewable content
- Dependency on water intensive energy sources
- Unsuccessful investment in new technologies
- Lack of access to data or monitoring systems
- Transition to lower emissions technology and products
- Transition to water intensive, low-carbon energy sources
- Other technology risk, please specify

Market

- Changing customer behavior
- Uncertainty in market signals
- Lack of availability and/or increased cost of recycled or renewable content
- Increased costs and/or uncertainties related to the cost of virgin plastics
- Lack of availability and/or increased cost of certified sustainable material
- Other market risk, please specify

Reputation

- Impact on human health
- Stigmatization of sector
- Exclusion of vulnerable and marginalized stakeholders (e.g., informal workers)
- Increased partner and stakeholder concern or negative partner and stakeholder feedback
- Negative press coverage related to support of projects or activities with negative impacts on the environment (e.g. GHG emissions, deforestation & conversion, water stress)
- Other reputation risk, please specify

Acute physical

- Tornado
- Avalanche
- Drought
- Wildfires
- Subsidence
- Cold wave/frost

- Heat wave
- Landslide
- Cyclone, hurricane, typhoon
- Heavy precipitation (rain, hail, snow/ice)
- Storm (including blizzards, dust and sandstorm)
- Flooding (coastal, fluvial, pluvial, groundwater)
- Other acute physical risk, please specify

Chronic physical

- Heat stress
- Soil erosion
- Solifluction
- Sea level rise
- Water stress
- Changing wind patterns
- Temperature variability
- Declining ecosystem services
- Increased ecosystem vulnerability
- Precipitation or hydrological variability
- Increased severity of extreme weather events
- Leaching of hazardous substances from plastics
- Changing temperature (air, freshwater, marine water)
- Changing precipitation patterns and types (rain, hail, snow/ice)
- Increased levels of macro or microplastic leakage to air, soil, freshwater and/or marine bodies
- Other chronic physical risk, please specify

- Pollution incident
- Glacial lake outburst

- Coastal erosion
- Soil degradation
- Change in land-use
- Permafrost thawing
- Ocean acidification

(3.1.1.4) Value chain stage where the risk occurs

Select from:

- Direct operations

- Upstream value chain
- Downstream value chain
- End-of-life management

(3.1.1.6) Country/area where the risk occurs

Select all that apply

- | | |
|---------------------------------|---------------------------------|
| <input type="checkbox"/> Chad | <input type="checkbox"/> Mali |
| <input type="checkbox"/> Cuba | <input type="checkbox"/> Niue |
| <input type="checkbox"/> Fiji | <input type="checkbox"/> Oman |
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| <input type="checkbox"/> Japan | <input type="checkbox"/> Nepal |
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- Belgium
- Bermuda
- Burundi
- Ecuador
- Eritrea
- Estonia
- Finland
- Georgia
- Jamaica
- Lebanon
- Lesotho
- Liberia
- Mayotte
- Romania
- Senegal
- Somalia

- Jordan
- Kuwait
- Panama
- Poland
- Rwanda
- Serbia
- Sweden
- Algeria
- Andorra
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- Austria
- Bahamas
- Comoros
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- Czechia
- Denmark
- Germany
- Grenada
- Hungary
- Iceland
- Ireland
- Morocco
- Myanmar
- Namibia
- Nigeria
- Réunion
- Ukraine
- Uruguay
- Vanuatu

- Tokelau
- Tunisia
- Botswana
- Bulgaria
- Cambodia
- Cameroon
- Colombia
- Holy See
- Honduras
- Kiribati
- Malaysia
- Maldives
- Slovakia
- Slovenia
- Suriname
- Viet Nam
- Zimbabwe
- Indonesia
- Lithuania
- Mauritius
- Nicaragua
- Singapore
- Costa Rica
- Guadeloupe
- Kazakhstan
- Kyrgyzstan
- Luxembourg
- Mozambique
- San Marino
- Seychelles

- Anguilla
- Barbados
- Djibouti
- Dominica
- Eswatini
- Ethiopia
- Guernsey
- Mongolia
- Pakistan
- Paraguay
- Pitcairn
- Portugal
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- Australia
- Gibraltar
- Greenland
- Guatemala
- Sri Lanka
- Antarctica
- Azerbaijan
- Bangladesh
- Cabo Verde
- Madagascar
- Martinique
- Mauritania
- Montenegro
- Montserrat
- Afghanistan
- El Salvador
- Isle of Man

- Tajikistan
- Uzbekistan
- Philippines
- Puerto Rico
- Saint Lucia
- South Sudan
- Switzerland
- Sierra Leone
- South Africa
- Turkmenistan
- Åland Islands
- Bouvet Island
- New Caledonia
- Taiwan, China
- American Samoa
- Cayman Islands
- Norfolk Island
- Marshall Islands
- Papua New Guinea
- Saint Barthélemy
- Brunei Darussalam
- Equatorial Guinea
- Republic of Moldova
- Trinidad and Tobago
- Bosnia & Herzegovina
- Hong Kong SAR, China
- Syrian Arab Republic
- Central African Republic
- Northern Mariana Islands
- Turks and Caicos Islands

- Netherlands
- New Zealand
- Timor-Leste
- Burkina Faso
- Cook Islands
- Saint Helena
- Saudi Arabia
- Côte d'Ivoire
- Faroe Islands
- French Guiana
- Guinea-Bissau
- Liechtenstein
- Western Sahara
- North Macedonia
- Solomon Islands
- Christmas Island
- French Polynesia
- Republic of Korea
- Dominican Republic
- Russian Federation
- State of Palestine
- Antigua and Barbuda
- United Arab Emirates
- Saint Kitts and Nevis
- Sao Tome and Principe
- British Virgin Islands
- Cocos (Keeling) Islands
- Sint Maarten (Dutch part)
- Wallis and Futuna Islands
- Iran (Islamic Republic of)

- United States of America
- Saint Pierre and Miquelon
- French Southern Territories
- United Republic of Tanzania
- United States Virgin Islands
- British Indian Ocean Territory
- Svalbard and Jan Mayen Islands
- Saint Vincent and the Grenadines
- Heard Island and McDonald Islands
- Venezuela (Bolivarian Republic of)
- United States Minor Outlying Islands
- Democratic People's Republic of Korea
- Saint Martin (French part)
- Falkland Islands (Malvinas)
- Bolivia (Plurinational State of)
- Bonaire, Sint Eustatius and Saba
- Democratic Republic of the Congo
- Lao People's Democratic Republic
- Micronesia (Federated States of)
- China, Macao Special Administrative Region
- South Georgia and the South Sandwich Islands
- United Kingdom of Great Britain and Northern Ireland
- Thailand

(3.1.1.9) Organization-specific description of risk

Emerging public awareness and concerns on plastic pollution has been endorsed by the government reflected by Thailand's Roadmap on Plastic Waste Management 2018-2030. Announced in 2019, the roadmap addresses plastic waste pollution which has implications on GHG emission and fossil-based resource use. Three types of plastic including plastic cap seals in water bottles, oxodegradable plastics, and plastic microbeads have been banned in 2019, and four other types of plastic including plastic bags with less than 36 microns thickness, styrofoam food boxes, plastic straws, and single-use plastic cups will be banned in the near future. Moreover, it aims that 100 percent of plastic waste will be recycled by 2027. In short term, this could lead to a high transition cost to using sustainable substitute materials for plastic items in use as packaging or giveaway at CP ALL, i.e. bags, cutlery, straws, and plastic containers. Furthermore, a pandemic outbreak like COVID-19 will raise hygiene concerns among customers and increase the demands on plastic containers and cutlery. These impacts are likely to increase the direct cost for CP ALL.

(3.1.1.11) Primary financial effect of the risk

Select from:

- Litigation
- Brand damage
- Constraint to growth
- Disruption to sales
- Closure of operations
- Decreased access to capital
- Increased capital expenditures
- Increased credit risk
- Increased compliance costs
- Increased cost of capital
- Loss of license to operate
- Decrease in shareholder value
- Disruption in production capacity
- Disruption in upstream value chain

- Increased insurance premiums
- Increased production costs
- Change in revenue mix and sources
- Disruption to workforce management and planning
- Decreased revenues due to reduced production capacity
- Upfront costs to adopt/deploy new practices and processes
- Decreased revenues due to reduced demand for products and services
- Reduced availability of insurance on assets in “high-risk” locations
- Decreased asset value or asset useful life leading to write-offs, asset impairment or early retirement of existing assets
- Increased direct costs
- Other, please specify
- Delays in securing operating licenses
- Increased indirect [operating] costs
- Fines, penalties or enforcement orders

(3.1.1.12) Time horizon over which the risk is anticipated to have a substantive effect on the organization

Select all that apply

- Short-term
- Medium-term
- Long-term
- The risk has already had a substantive effect on our organization in the reporting year

(3.1.1.13) Likelihood of the risk having an effect within the anticipated time horizon

Select from:

- Unlikely
- Unknown
- Very likely
- Very unlikely
- Virtually certain
- More likely than not
- About as likely as not
- Exceptionally unlikely
- Likely

(3.1.1.14) Magnitude

Select from:

- Low
- Medium
- Unknown
- Medium-low
- Medium-high

High

(3.1.1.15) Effect of the risk on the financial position, financial performance and cash flows of the organization in the reporting year

Rich text input [must be under 2500 characters]

(3.1.1.16) Anticipated effect of the risk on the financial position, financial performance and cash flows of the organization in the selected future time horizons

Rich text input [must be under 2500 characters]

(3.1.1.17) Are you able to quantify the financial effect of the risk?

Select from:

- Yes
- No

(3.1.1.18) Financial effect figure in the reporting year (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.1.1.19) Anticipated financial effect figure in the short-term – minimum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.1.1.20) Anticipated financial effect figure in the short-term – maximum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.1.1.21) Anticipated financial effect figure in the medium-term – minimum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.1.1.22) Anticipated financial effect figure in the medium-term – maximum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.1.1.23) Anticipated financial effect figure in the long-term – minimum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.1.1.24) Anticipated financial effect figure in the long-term – maximum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.1.1.25) Explanation of financial effect figure

Rich text input [must be under 2500 characters]

(3.1.1.26) Primary response to risk

Agricultural practices

Other agricultural practice, please specify

Diversification

Develop new products, services and/or markets

Increase supplier diversification

Marketing campaign[s]

Market expansion

Other diversification, please specify

Engagement

Engage with customers

Engage with suppliers

Engage in multi-stakeholder initiatives

Engage with NGOs/special interest groups

- Engage with trade unions
- Engage with local communities
- Engage with regulators/policy makers

Compliance, monitoring and targets

- Greater due diligence
- Establish site-specific targets
- Establish organization-wide targets
- Improve monitoring of direct operations
- New or tighter supplier performance standards

Infrastructure, technology and spending

- Increase investment in R&D
- Improve maintenance of infrastructure
- Implementing buffer stocks or dual sourcing
- Increase geographic diversity of facilities
- Take action to reduce microplastic emissions
- Take action to switch to plastic which is recyclable in practice and at scale
- Take action to move from single-use plastic products/packaging towards reuse models
- Take action to switch to technically recyclable plastic
- Other infrastructure, technology and spending, please specify

Nature based solutions, restoration and conservation

- Implement ecosystem restoration and long-term protection
- Implement nature-based solutions
- Other nature-based solution, restoration and conservation, please specify

Policies and plans

- Increase insurance coverage
- Develop flood emergency plans
- Develop a circular economy plan
- Develop drought emergency plans

- Introduce/strengthen environmental incentives
- Align organization's public policy engagement with its environmental strategy
- Other engagement, please specify

- Greater compliance with regulatory requirements
- Improve monitoring of upstream and downstream activities
- Promotion of best practice and awareness in the value chain
- Implementation of environmental best practices in direct operations
- Other compliance, monitoring or target, please specify

- Improve pollution abatement and control measures
- Increase environment-related capital expenditure
- Take action to remove single-use plastic products/packaging
- Establish and improve end-of-life infrastructure and/or technology
- Take action to switch to recycled content to reduce virgin plastic

- Develop a climate transition plan
- Amend the Business Continuity Plan
- Increased use of sustainably sourced materials
- More ambitious environmental commitments and policies

- Use risk transfer instruments
- Develop a plan to reduce macro and microplastic leakage
- Improve alignment of public policy influencing activity with environmental commitments
- Participation in environmental collaborative industry frameworks, initiatives and/or commitments
- Other policies or plans, please specify

Pricing and credits

- Implement internal price on carbon
- Increase internal price on carbon
- Promotion/purchase of carbon credits
- Other pricing or credit, please specify

(3.1.1.27) Cost of response to risk

Numeric input [must be between [0 - 999999999999999]]

(3.1.1.28) Explanation of cost calculation

Rich text input [must be under 1000 characters]

(3.1.1.29) Description of response

CP ALL values customers health and safety as our priority while following the environmental regulations and seeking to save the environment beyond legal requirements as much as possible Therefore CP ALL strictly abides by Ministry of Health recommendations on customer hygiene by providing consumable items where necessary while engaging with suppliers to replace plastic with other alternative materials which are good for the environment and can be mass produced at low cost Furthermore CP ALL continuously executes campaigns on single use plastic reduction to raise awareness and encourage customers to lower their environmental impact The reported cost of response to risk is estimated based on annual budget for public communication on plastic reduction campaign 460000 THB The supplier engagement cost is considered none since it is part of regular internal process on product development

Climate change

(3.1.1.1) Risk identifier

Select from:

- Risk3
- Risk9

- Risk5
- Risk6
- Risk7
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- Risk2

(3.1.1.3) Risk types and primary environmental risk driver

Policy

- Carbon pricing mechanisms
- Changes to national legislation
- Poor enforcement of environmental regulation
- Poor coordination between regulatory bodies
- Lack of globally accepted and harmonized definitions
- Other policy risk, please specify :**Emerging regulation**
- Changes to international law and bilateral agreements
- Increased difficulty in obtaining operations permits
- Changes to regulation of existing products and services
- Lack of mature certification and sustainability standards
- Uncertainty and/or conflicts involving land tenure rights and water rights

Liability

- Exposure to sanctions and litigation
- Non-compliance with legislation
- Other liability risk, please specify

Technology

- Transition to reusable products
- Transition to recyclable plastic products
- Transition to increasing recycled content
- Transition to increasing renewable content
- Dependency on water intensive energy sources
- Unsuccessful investment in new technologies
- Lack of access to data or monitoring systems
- Transition to lower emissions technology and products
- Transition to water intensive, low-carbon energy sources
- Other technology risk, please specify

Market

- Changing customer behavior
- Uncertainty in market signals
- Lack of availability and/or increased cost of recycled or renewable content
- Increased costs and/or uncertainties related to the cost of virgin plastics
- Lack of availability and/or increased cost of certified sustainable material
- Other market risk, please specify

Reputation

- Impact on human health
- Stigmatization of sector
- Exclusion of vulnerable and marginalized stakeholders (e.g., informal workers)
- Increased partner and stakeholder concern or negative partner and stakeholder feedback
- Negative press coverage related to support of projects or activities with negative impacts on the environment (e.g. GHG emissions, deforestation & conversion, water stress)
- Other reputation risk, please specify

Acute physical

- Tornado
- Avalanche
- Drought
- Wildfires
- Subsidence
- Cold wave/frost

- Heat wave
- Landslide
- Cyclone, hurricane, typhoon
- Heavy precipitation (rain, hail, snow/ice)
- Storm (including blizzards, dust and sandstorm)
- Flooding (coastal, fluvial, pluvial, groundwater)
- Other acute physical risk, please specify

Chronic physical

- Heat stress
- Soil erosion
- Solifluction
- Sea level rise
- Water stress
- Changing wind patterns
- Temperature variability
- Declining ecosystem services
- Increased ecosystem vulnerability
- Precipitation or hydrological variability
- Increased severity of extreme weather events
- Leaching of hazardous substances from plastics
- Changing temperature (air, freshwater, marine water)
- Changing precipitation patterns and types (rain, hail, snow/ice)
- Increased levels of macro or microplastic leakage to air, soil, freshwater and/or marine bodies
- Other chronic physical risk, please specify

- Pollution incident
- Glacial lake outburst

- Coastal erosion
- Soil degradation
- Change in land-use
- Permafrost thawing
- Ocean acidification

(3.1.1.4) Value chain stage where the risk occurs

Select from:

- Direct operations

- Upstream value chain
- Downstream value chain
- End-of-life management

(3.1.1.6) Country/area where the risk occurs

Select all that apply

- | | |
|---------------------------------|---------------------------------|
| <input type="checkbox"/> Chad | <input type="checkbox"/> Mali |
| <input type="checkbox"/> Cuba | <input type="checkbox"/> Niue |
| <input type="checkbox"/> Fiji | <input type="checkbox"/> Oman |
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| <input type="checkbox"/> Cyprus | <input type="checkbox"/> Guyana |
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- Liberia
- Mayotte
- Romania
- Senegal
- Somalia

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- Rwanda
- Serbia
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- Algeria
- Andorra
- Armenia
- Austria
- Bahamas
- Comoros
- Croatia
- Curaçao
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- Portugal
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- Greenland
- Guatemala
- Sri Lanka
- Antarctica
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- Madagascar
- Martinique
- Mauritania
- Montenegro
- Montserrat
- Afghanistan
- El Salvador
- Isle of Man

- Tajikistan
- Uzbekistan
- Philippines
- Puerto Rico
- Saint Lucia
- South Sudan
- Switzerland
- Sierra Leone
- South Africa
- Turkmenistan
- Åland Islands
- Bouvet Island
- New Caledonia
- Taiwan, China
- American Samoa
- Cayman Islands
- Norfolk Island
- Marshall Islands
- Papua New Guinea
- Saint Barthélemy
- Brunei Darussalam
- Equatorial Guinea
- Republic of Moldova
- Trinidad and Tobago
- Bosnia & Herzegovina
- Hong Kong SAR, China
- Syrian Arab Republic
- Central African Republic
- Northern Mariana Islands
- Turks and Caicos Islands

- Netherlands
- New Zealand
- Timor-Leste
- Burkina Faso
- Cook Islands
- Saint Helena
- Saudi Arabia
- Côte d'Ivoire
- Faroe Islands
- French Guiana
- Guinea-Bissau
- Liechtenstein
- Western Sahara
- North Macedonia
- Solomon Islands
- Christmas Island
- French Polynesia
- Republic of Korea
- Dominican Republic
- Russian Federation
- State of Palestine
- Antigua and Barbuda
- United Arab Emirates
- Saint Kitts and Nevis
- Sao Tome and Principe
- British Virgin Islands
- Cocos (Keeling) Islands
- Sint Maarten (Dutch part)
- Wallis and Futuna Islands
- Iran (Islamic Republic of)

- United States of America
- Saint Pierre and Miquelon
- French Southern Territories
- United Republic of Tanzania
- United States Virgin Islands
- British Indian Ocean Territory
- Svalbard and Jan Mayen Islands
- Saint Vincent and the Grenadines
- Heard Island and McDonald Islands
- Venezuela (Bolivarian Republic of)
- United States Minor Outlying Islands
- Democratic People's Republic of Korea
- Saint Martin (French part)
- Falkland Islands (Malvinas)
- Bolivia (Plurinational State of)
- Bonaire, Sint Eustatius and Saba
- Democratic Republic of the Congo
- Lao People's Democratic Republic
- Micronesia (Federated States of)
- China, Macao Special Administrative Region
- South Georgia and the South Sandwich Islands
- United Kingdom of Great Britain and Northern Ireland
- Thailand

(3.1.1.9) Organization-specific description of risk

The growing concerns on climate action failure drive the governments and international regulators to raise the regulatory standards to lower GHG emissions within the increasingly pressing timeline in order to keep the world temperature well below 2 degree Celsius Thailand is no exception The Nationally Determined Contributions NDC of Thailand aims to reduce 30 of GHG by 2030 compared to BAU to be carbon neutral by 2050 and net zero by 2065 CP ALL foresees that such commitment may lead to various GHG reduction measures from the government including energy and emission regulations Yet it is still uncertain how and to what extent future regulations might affect our business Nonetheless we recently began to observe the effect of regulatory changes such as the amendment of Building Energy Code BE 2552 2009 which requires certain types of large buildings eg offices department stores to comply with energy standards The upcoming National Climate Change Act also requires private sector to report its emission data The Department of Industrial Works are steering towards low GWP refrigerants The other areas that could potentially be affected by future legislation and regulation are ie transportation waste management etc We also anticipate the implementation of carbon cap and trade or carbon tax in the next 510 years If not managed properly these may lead to increased cost of compliance and more exposure to environmental law violations

(3.1.1.11) Primary financial effect of the risk

Select from:

- Litigation
- Brand damage
- Constraint to growth
- Disruption to sales
- Increased credit risk
- Increased compliance costs
- Increased cost of capital
- Loss of license to operate

- Closure of operations
- Decreased access to capital
- Increased capital expenditures
- Increased insurance premiums
- Increased production costs
- Change in revenue mix and sources
- Disruption to workforce management and planning
- Decreased revenues due to reduced production capacity
- Upfront costs to adopt/deploy new practices and processes
- Decreased revenues due to reduced demand for products and services
- Reduced availability of insurance on assets in “high-risk” locations
- Decreased asset value or asset useful life leading to write-offs, asset impairment or early retirement of existing assets
- Increased direct costs
- Other, please specify
- Decrease in shareholder value
- Disruption in production capacity
- Disruption in upstream value chain
- Delays in securing operating licenses
- Increased indirect [operating] costs
- Fines, penalties or enforcement orders

(3.1.1.12) Time horizon over which the risk is anticipated to have a substantive effect on the organization

Select all that apply

- Short-term
- Medium-term
- Long-term
- The risk has already had a substantive effect on our organization in the reporting year

(3.1.1.13) Likelihood of the risk having an effect within the anticipated time horizon

Select from:

- Unlikely
- Unknown
- Very likely
- Very unlikely
- Virtually certain
- More likely than not
- About as likely as not
- Exceptionally unlikely
- Likely

(3.1.1.14) Magnitude

Select from:

- Low
- Medium
- Unknown
- Medium-low
- Medium-high
- High

(3.1.1.15) Effect of the risk on the financial position, financial performance and cash flows of the organization in the reporting year

Rich text input [must be under 2500 characters]

(3.1.1.16) Anticipated effect of the risk on the financial position, financial performance and cash flows of the organization in the selected future time horizons

Rich text input [must be under 2500 characters]

(3.1.1.17) Are you able to quantify the financial effect of the risk?

Select from:

- Yes
- No

(3.1.1.18) Financial effect figure in the reporting year (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.1.1.19) Anticipated financial effect figure in the short-term – minimum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.1.1.20) Anticipated financial effect figure in the short-term – maximum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.1.1.21) Anticipated financial effect figure in the medium-term – minimum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.1.1.22) Anticipated financial effect figure in the medium-term – maximum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.1.1.23) Anticipated financial effect figure in the long-term – minimum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.1.1.24) Anticipated financial effect figure in the long-term – maximum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.1.1.25) Explanation of financial effect figure

Based on our transitional scenario analysis we quantify the amount of emission surplus that needs to be offset in order to comply with NDC When we deducted the emission in Business As Usual BAU scenario with NDC Scenario the cumulative surplus emission from 20262030 is 3460640 tCO₂e With Voluntary Emission Reduction VER carbon offset price at 1639 THBtCO₂e the financial impact for carbon offset is 498738 million THB

(3.1.1.26) Primary response to risk

Agricultural practices

Other agricultural practice, please specify

Diversification

Develop new products, services and/or markets

Increase supplier diversification

Marketing campaign[s]

Market expansion

Other diversification, please specify

Engagement

- Engage with customers
- Engage with suppliers
- Engage with trade unions
- Engage with local communities
- Engage with regulators/policy makers
- Engage in multi-stakeholder initiatives
- Engage with NGOs/special interest groups
- Introduce/strengthen environmental incentives
- Align organization's public policy engagement with its environmental strategy
- Other engagement, please specify

Compliance, monitoring and targets

- Greater due diligence
- Establish site-specific targets
- Establish organization-wide targets
- Improve monitoring of direct operations
- New or tighter supplier performance standards
- Greater compliance with regulatory requirements
- Improve monitoring of upstream and downstream activities
- Promotion of best practice and awareness in the value chain
- Implementation of environmental best practices in direct operations
- Other compliance, monitoring or target, please specify

Infrastructure, technology and spending

- Increase investment in R&D
- Implementing buffer stocks or dual sourcing
- Increase geographic diversity of facilities
- Take action to reduce microplastic emissions
- Improve pollution abatement and control measures
- Take action to switch to plastic which is recyclable in practice and at scale
- Take action to move from single-use plastic products/packaging towards reuse models
- Improve maintenance of infrastructure
- Other infrastructure, technology and spending, please specify
- Increase environment-related capital expenditure
- Take action to switch to technically recyclable plastic
- Take action to remove single-use plastic products/packaging
- Establish and improve end-of-life infrastructure and/or technology
- Take action to switch to recycled content to reduce virgin plastic

Nature based solutions, restoration and conservation

- Implement ecosystem restoration and long-term protection
- Implement nature-based solutions
- Other nature-based solution, restoration and conservation, please specify

Policies and plans

- Increase insurance coverage
 - Develop flood emergency plans
 - Develop a circular economy plan
 - Develop drought emergency plans
 - Use risk transfer instruments
 - Improve alignment of public policy influencing activity with environmental commitments
 - Participation in environmental collaborative industry frameworks, initiatives and/or commitments
 - Other policies or plans, please specify
- Develop a climate transition plan
 - Amend the Business Continuity Plan
 - Increased use of sustainably sourced materials
 - More ambitious environmental commitments and policies
 - Develop a plan to reduce macro and microplastic leakage

Pricing and credits

- Implement internal price on carbon
- Increase internal price on carbon
- Promotion/purchase of carbon credits
- Other pricing or credit, please specify

(3.1.1.27) Cost of response to risk

Numeric input [must be between [0 - 999999999999999]]

(3.1.1.28) Explanation of cost calculation

We calculated the figures based on the cost of energyefficient equipment and the actual number of installations

(3.1.1.29) Description of response

CPALL are avoid high cost of carbon offset CP ALL invested in Energy Efficiency Project and Refrigerant System Improvement Project in 7eleven store with a total of 1206 millions Thai baht

Climate change

(3.1.1.1) Risk identifier

Select from:

- Risk5
- Risk6
- Risk7
- Risk8
- Risk9
- Risk12
- Risk13
- Risk14
- Risk15
- Risk16
- Risk22
- Risk23
- Risk24
- Risk25
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- Risk34
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- Risk44
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- Risk54
- Risk55

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- Risk89
- Risk90
- Risk91
- Risk97
- Risk98
- Risk99
- Risk100
- Risk3

(3.1.1.3) Risk types and primary environmental risk driver

Policy

- Carbon pricing mechanisms
- Changes to national legislation
- Poor enforcement of environmental regulation
- Poor coordination between regulatory bodies
- Lack of globally accepted and harmonized definitions
- Changes to international law and bilateral agreements
- Increased difficulty in obtaining operations permits
- Changes to regulation of existing products and services
- Lack of mature certification and sustainability standards
- Uncertainty and/or conflicts involving land tenure rights and water rights

Other policy risk, please specify

Liability

Exposure to sanctions and litigation

Non-compliance with legislation

Other liability risk, please specify

Technology

Transition to reusable products

Transition to recyclable plastic products

Transition to increasing recycled content

Transition to increasing renewable content

Dependency on water intensive energy sources

Unsuccessful investment in new technologies

Lack of access to data or monitoring systems

Transition to lower emissions technology and products

Transition to water intensive, low-carbon energy sources

Other technology risk, please specify

Market

Changing customer behavior

Uncertainty in market signals

Lack of availability and/or increased cost of recycled or renewable content

Increased costs and/or uncertainties related to the cost of virgin plastics

Lack of availability and/or increased cost of certified sustainable material

Other market risk, please specify

Reputation

Impact on human health

Stigmatization of sector

Exclusion of vulnerable and marginalized stakeholders (e.g., informal workers)

Increased partner and stakeholder concern or negative partner and stakeholder feedback

Negative press coverage related to support of projects or activities with negative impacts on the environment (e.g. GHG emissions, deforestation & conversion, water stress)

Other reputation risk, please specify

Acute physical

Tornado

Wildfires

- Avalanche
- Drought
- Heat wave
- Landslide
- Cyclone, hurricane, typhoon
- Heavy precipitation (rain, hail, snow/ice)
- Storm (including blizzards, dust and sandstorm)
- Flooding (coastal, fluvial, pluvial, groundwater)
- Other acute physical risk, please specify

Chronic physical

- Heat stress
- Soil erosion
- Solifluction
- Water stress
- Coastal erosion
- Temperature variability
- Declining ecosystem services
- Increased ecosystem vulnerability
- Precipitation or hydrological variability
- Increased severity of extreme weather events
- Leaching of hazardous substances from plastics
- Changing temperature (air, freshwater, marine water)
- Changing precipitation patterns and types (rain, hail, snow/ice)
- Increased levels of macro or microplastic leakage to air, soil, freshwater and/or marine bodies
- Sea level rise
- Other chronic physical risk, please specify

- Subsidence
- Cold wave/frost
- Pollution incident
- Glacial lake outburst

- Soil degradation
- Change in land-use
- Permafrost thawing
- Ocean acidification
- Changing wind patterns

(3.1.1.4) Value chain stage where the risk occurs

Select from:

- Direct operations
- Upstream value chain
- Downstream value chain
- End-of-life management

(3.1.1.6) Country/area where the risk occurs

Select all that apply

- | | |
|---------------------------------|---------------------------------|
| <input type="checkbox"/> Chad | <input type="checkbox"/> Mali |
| <input type="checkbox"/> Cuba | <input type="checkbox"/> Niue |
| <input type="checkbox"/> Fiji | <input type="checkbox"/> Oman |
| <input type="checkbox"/> Guam | <input type="checkbox"/> Peru |
| <input type="checkbox"/> Iraq | <input type="checkbox"/> Togo |
| <input type="checkbox"/> Aruba | <input type="checkbox"/> Egypt |
| <input type="checkbox"/> Benin | <input type="checkbox"/> Gabon |
| <input type="checkbox"/> Chile | <input type="checkbox"/> Ghana |
| <input type="checkbox"/> China | <input type="checkbox"/> Haiti |
| <input type="checkbox"/> Congo | <input type="checkbox"/> India |
| <input type="checkbox"/> Italy | <input type="checkbox"/> Nauru |
| <input type="checkbox"/> Japan | <input type="checkbox"/> Nepal |
| <input type="checkbox"/> Kenya | <input type="checkbox"/> Niger |
| <input type="checkbox"/> Libya | <input type="checkbox"/> Palau |
| <input type="checkbox"/> Malta | <input type="checkbox"/> Qatar |
| <input type="checkbox"/> Samoa | <input type="checkbox"/> Angola |
| <input type="checkbox"/> Spain | <input type="checkbox"/> Belize |
| <input type="checkbox"/> Sudan | <input type="checkbox"/> Bhutan |
| <input type="checkbox"/> Tonga | <input type="checkbox"/> Brazil |
| <input type="checkbox"/> Yemen | <input type="checkbox"/> Canada |
| <input type="checkbox"/> Cyprus | <input type="checkbox"/> Guyana |
| <input type="checkbox"/> France | <input type="checkbox"/> Israel |

- Gambia
- Greece
- Guinea
- Latvia
- Malawi
- Mexico
- Monaco
- Norway
- Turkey
- Tuvalu
- Uganda
- Zambia
- Albania
- Bahrain
- Belarus
- Belgium
- Bermuda
- Burundi
- Ecuador
- Eritrea
- Estonia
- Finland
- Georgia
- Jamaica
- Lebanon
- Lesotho
- Liberia
- Mayotte
- Romania
- Senegal

- Jersey
- Jordan
- Kuwait
- Panama
- Poland
- Rwanda
- Serbia
- Sweden
- Algeria
- Andorra
- Armenia
- Austria
- Bahamas
- Comoros
- Croatia
- Curaçao
- Czechia
- Denmark
- Germany
- Grenada
- Hungary
- Iceland
- Ireland
- Morocco
- Myanmar
- Namibia
- Nigeria
- Réunion
- Ukraine
- Uruguay

- Somalia
- Tokelau
- Tunisia
- Botswana
- Bulgaria
- Cambodia
- Cameroon
- Colombia
- Holy See
- Honduras
- Kiribati
- Malaysia
- Maldives
- Slovakia
- Slovenia
- Suriname
- Viet Nam
- Zimbabwe
- Indonesia
- Lithuania
- Mauritius
- Nicaragua
- Singapore
- Costa Rica
- Guadeloupe
- Kazakhstan
- Kyrgyzstan
- Luxembourg
- Mozambique
- San Marino

- Vanuatu
- Anguilla
- Barbados
- Djibouti
- Dominica
- Eswatini
- Ethiopia
- Guernsey
- Mongolia
- Pakistan
- Paraguay
- Pitcairn
- Portugal
- Argentina
- Australia
- Gibraltar
- Greenland
- Guatemala
- Sri Lanka
- Antarctica
- Azerbaijan
- Bangladesh
- Cabo Verde
- Madagascar
- Martinique
- Mauritania
- Montenegro
- Montserrat
- Afghanistan
- El Salvador

- Seychelles
- Tajikistan
- Uzbekistan
- Philippines
- Puerto Rico
- Saint Lucia
- South Sudan
- Switzerland
- Sierra Leone
- South Africa
- Turkmenistan
- Åland Islands
- Bouvet Island
- New Caledonia
- Taiwan, China
- American Samoa
- Cayman Islands
- Norfolk Island
- Marshall Islands
- Papua New Guinea
- Saint Barthélemy
- Brunei Darussalam
- Equatorial Guinea
- Republic of Moldova
- Trinidad and Tobago
- Bosnia & Herzegovina
- Hong Kong SAR, China
- Syrian Arab Republic
- Central African Republic
- Northern Mariana Islands

- Isle of Man
- Netherlands
- New Zealand
- Timor-Leste
- Burkina Faso
- Cook Islands
- Saint Helena
- Saudi Arabia
- Côte d'Ivoire
- Faroe Islands
- French Guiana
- Guinea-Bissau
- Liechtenstein
- Western Sahara
- North Macedonia
- Solomon Islands
- Christmas Island
- French Polynesia
- Republic of Korea
- Dominican Republic
- Russian Federation
- State of Palestine
- Antigua and Barbuda
- United Arab Emirates
- Saint Kitts and Nevis
- Sao Tome and Principe
- British Virgin Islands
- Cocos (Keeling) Islands
- Sint Maarten (Dutch part)
- Wallis and Futuna Islands

- Turks and Caicos Islands
- United States of America
- Saint Pierre and Miquelon
- French Southern Territories
- United Republic of Tanzania
- United States Virgin Islands
- British Indian Ocean Territory
- Svalbard and Jan Mayen Islands
- Saint Vincent and the Grenadines
- Heard Island and McDonald Islands
- Venezuela (Bolivarian Republic of)
- United States Minor Outlying Islands
- Democratic People's Republic of Korea
- Iran (Islamic Republic of)
- Saint Martin (French part)
- Falkland Islands (Malvinas)
- Bolivia (Plurinational State of)
- Bonaire, Sint Eustatius and Saba
- Democratic Republic of the Congo
- Lao People's Democratic Republic
- Micronesia (Federated States of)
- China, Macao Special Administrative Region
- South Georgia and the South Sandwich Islands
- United Kingdom of Great Britain and Northern Ireland
- Thailand

(3.1.1.9) Organization-specific description of risk

As the central plain of Thailand where the majority of our stores are located is vulnerable to the sea level rise CP ALL is aware of the risk that this might lead to increasing salinity in tap water as it began to occur during the past few years While the cause is an interplay between the sea level rise storm surge and the mass of riverine water slowly intensifying irregularities of climate condition is likely to increase the frequency and severity of saline tap water Impacts to our operation include the loss of sales on freshmade drinkable products and beverages due to poor water qualitythe need to procure fresh water and drinking water from other areas the increased maintenance cost on water filtration Other impacts in supply chain concern the productivity of agricultural products in the central area that may become scarce leading to high sourcing cost

(3.1.1.11) Primary financial effect of the risk

Select from:

- Litigation
- Brand damage
- Constraint to growth
- Disruption to sales
- Closure of operations
- Decreased access to capital
- Increased credit risk
- Increased compliance costs
- Increased cost of capital
- Loss of license to operate
- Decrease in shareholder value
- Disruption in production capacity

- Increased capital expenditures
- Increased insurance premiums
- Increased production costs
- Change in revenue mix and sources
- Disruption to workforce management and planning
- Decreased revenues due to reduced production capacity
- Upfront costs to adopt/deploy new practices and processes
- Decreased revenues due to reduced demand for products and services
- Reduced availability of insurance on assets in “high-risk” locations
- Decreased asset value or asset useful life leading to write-offs, asset impairment or early retirement of existing assets
- Increased direct costs
- Other, please specify
- Disruption in upstream value chain
- Delays in securing operating licenses
- Increased indirect [operating] costs
- Fines, penalties or enforcement orders

(3.1.1.12) Time horizon over which the risk is anticipated to have a substantive effect on the organization

Select all that apply

- Short-term
- Medium-term
- Long-term
- The risk has already had a substantive effect on our organization in the reporting year

(3.1.1.13) Likelihood of the risk having an effect within the anticipated time horizon

Select from:

- Unlikely
- Unknown
- Very likely
- Very unlikely
- Virtually certain
- More likely than not
- About as likely as not
- Exceptionally unlikely
- Likely

(3.1.1.14) Magnitude

Select from:

- Low
- Medium
- Unknown
- Medium-low
- Medium-high

High

(3.1.1.15) Effect of the risk on the financial position, financial performance and cash flows of the organization in the reporting year

Rich text input [must be under 2500 characters]

(3.1.1.16) Anticipated effect of the risk on the financial position, financial performance and cash flows of the organization in the selected future time horizons

Rich text input [must be under 2500 characters]

(3.1.1.17) Are you able to quantify the financial effect of the risk?

Select from:

- Yes
- No

(3.1.1.18) Financial effect figure in the reporting year (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.1.1.19) Anticipated financial effect figure in the short-term – minimum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.1.1.20) Anticipated financial effect figure in the short-term – maximum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.1.1.21) Anticipated financial effect figure in the medium-term – minimum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.1.1.22) Anticipated financial effect figure in the medium-term – maximum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.1.1.23) Anticipated financial effect figure in the long-term – minimum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.1.1.24) Anticipated financial effect figure in the long-term – maximum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.1.1.25) Explanation of financial effect figure

Loss of sale opportunities for product groups necessitating good quality of water such as All Café freshly made beverage 7Select beverage machine and Slurpee

(3.1.1.26) Primary response to risk

Agricultural practices

Other agricultural practice, please specify

Diversification

Develop new products, services and/or markets

Increase supplier diversification

Marketing campaign[s]

Market expansion

Other diversification, please specify

Engagement

Engage with customers

Engage with suppliers

Engage in multi-stakeholder initiatives

Engage with NGOs/special interest groups

- Engage with trade unions
- Engage with local communities
- Engage with regulators/policy makers

Compliance, monitoring and targets

- Greater due diligence
- Establish site-specific targets
- Establish organization-wide targets
- Improve monitoring of direct operations
- New or tighter supplier performance standards

Infrastructure, technology and spending

- Increase investment in R&D
- Improve maintenance of infrastructure
- Implementing buffer stocks or dual sourcing
- Increase geographic diversity of facilities
- Take action to reduce microplastic emissions
- Take action to switch to recycled content to reduce virgin plastic
- Take action to switch to plastic which is recyclable in practice and at scale
- Take action to move from single-use plastic products/packaging towards reuse models
- Other infrastructure, technology and spending, please specify

Nature based solutions, restoration and conservation

- Implement ecosystem restoration and long-term protection
- Implement nature-based solutions
- Other nature-based solution, restoration and conservation, please specify

Policies and plans

- Increase insurance coverage
- Develop flood emergency plans
- Develop a circular economy plan
- Use risk transfer instruments

- Introduce/strengthen environmental incentives
- Align organization's public policy engagement with its environmental strategy
- Other engagement, please specify

- Greater compliance with regulatory requirements
- Improve monitoring of upstream and downstream activities
- Promotion of best practice and awareness in the value chain
- Implementation of environmental best practices in direct operations
- Other compliance, monitoring or target, please specify

- Improve pollution abatement and control measures
- Increase environment-related capital expenditure
- Take action to switch to technically recyclable plastic
- Take action to remove single-use plastic products/packaging
- Establish and improve end-of-life infrastructure and/or technology

- Amend the Business Continuity Plan
- Increased use of sustainably sourced materials
- More ambitious environmental commitments and policies
- Develop a plan to reduce macro and microplastic leakage

- Develop a climate transition plan commitments
- Improve alignment of public policy influencing activity with environmental commitments
- Participation in environmental collaborative industry frameworks, initiatives and/or commitments
- Develop drought emergency plans
- Other policies or plans, please specify

Pricing and credits

- Implement internal price on carbon
- Increase internal price on carbon
- Promotion/purchase of carbon credits
- Other pricing or credit, please specify

(3.1.1.27) Cost of response to risk

1000000000

(3.1.1.28) Explanation of cost calculation

In the event that products and services cannot be sold for 7 days the cost of providing clean water for consumption will increase Such cost is estimated in the range of Baht 1000 1500 million

(3.1.1.29) Description of response

To adapt to this impact CP ALL is under process of adding sea level rise impact in store selection criteria Operationally we plan to increase water filtration capacity to accommodate shortterm increase in salinity and secure our sales Furthermore a collaboration with fresh water supplier is needed to ensure stable supply during the time in need Alternative sources of agricultural products are to be prepared to avoid product shortage The management cost is considered negligible 0 THB since these are the general responsibility of our existing team

[Add row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Biodiversity 	<ul style="list-style-type: none"> • Financial services • Oil & Gas 	<ul style="list-style-type: none"> • ESRS 2 • TCFD Strategy A

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Plastics • Climate Change • Forests 	<ul style="list-style-type: none"> • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Biodiversity - Mines • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • IFRS S2 13 • TCFD Strategy B • ESRS E2 • CEO WM Implications: Business risks • TNFD Strategy C • IFRS S2 21 • IFRS S2 15 • IFRS S2 10 • TNFD Strategy A • ESRS E4 • TNFD Metrics & targets A • TNFD Strategy B • CEO WM Implications: External impacts • ESRS E1 • NZAM Commitment 6 • IFRS S2 17 • AFi Core Principle 5 • AFi Core Principle 9 • IFRS S2 16 • ESRS E3

(3.1.2) Provide the amount and proportion of your financial metrics from the reporting year that are vulnerable to the substantive effects of environmental risks.

Climate change

(3.1.2.1) Financial metric

Select from:

- OPEX
- Assets
- CAPEX
- Revenue
- Liabilities

Other, please specify

(3.1.2.2) Amount of financial metric vulnerable to transition risks for this environmental issue (unit currency as selected in 1.2)

Numeric input [must be between [0 - 999999999999999]]

(3.1.2.3) % of total financial metric vulnerable to transition risks for this environmental issue

Select from:

- 100%
- 1-10%
- 11-20%
- 21-30%
- 41-50%
- 91-99%
- Less than 1%
- 61-70%
- 81-90%
- 31-40%
- 51-60%
- 71-80%

(3.1.2.4) Amount of financial metric vulnerable to physical risks for this environmental issue (unit currency as selected in 1.2)

Numeric input [must be between [0 - 999999999999999]]

(3.1.2.5) % of total financial metric vulnerable to physical risks for this environmental issue

Select from:

- 100%
- 1-10%
- 81-90%
- 11-20%

- 31-40%
- 51-60%
- 71-80%
- 91-99%
- Less than 1%

- 21-30%
- 41-50%
- 61-70%

(3.1.2.6) Amount of CAPEX in the reporting year deployed towards risks related to this environmental issue

Numeric input [must be between [0 - 9999999999999999]

(3.1.2.7) Explanation of financial figures

Rich text input [must be under 2500 characters]

[Add row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Climate Change • Forests 	<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement 	<ul style="list-style-type: none"> • ESRS 2 • IFRS S2 29 • ESRS E2 • ESRS E4 • TNFD Metrics & targets A • ESRS E1 • NZAM Commitment 6 • AFi Core Principle 5 • ESRS E3

Environmental Issue	Questionnaire sector	Framework Alignment
	<ul style="list-style-type: none"> • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	

(3.5) Are any of your operations or activities regulated by a carbon pricing system (i.e. ETS, Cap & Trade or Carbon Tax)?

Select from:

- Yes
- No, but we anticipate being regulated in the next three years
- No, and we do not anticipate being regulated in the next three years

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry 	<ul style="list-style-type: none"> • Climate Change

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Real estate • Construction 	

(3.5.1) Select the carbon pricing regulation(s) which impact your operations.

Select all that apply

- | | |
|---|---|
| <input type="checkbox"/> EU ETS | <input type="checkbox"/> Germany ETS |
| <input type="checkbox"/> UK ETS | <input type="checkbox"/> Saitama ETS |
| <input type="checkbox"/> Korea ETS | <input type="checkbox"/> Vietnam ETS |
| <input type="checkbox"/> Oregon ETS | <input type="checkbox"/> Sakhalin ETS |
| <input type="checkbox"/> RGGI - ETS | <input type="checkbox"/> Austria – ETS |
| <input type="checkbox"/> BC carbon tax | <input type="checkbox"/> Hubei pilot ETS |
| <input type="checkbox"/> Indonesia ETS | <input type="checkbox"/> New Zealand ETS |
| <input type="checkbox"/> Kazakhstan ETS | <input type="checkbox"/> Switzerland ETS |
| <input type="checkbox"/> Montenegro ETS | <input type="checkbox"/> Tokyo CaT - ETS |
| <input type="checkbox"/> BC GGIRCA - ETS | <input type="checkbox"/> Uruguay CO2 tax |
| <input type="checkbox"/> Chile carbon tax | <input type="checkbox"/> Spain carbon tax |
| <input type="checkbox"/> Fujian pilot ETS | <input type="checkbox"/> Beijing pilot ETS |
| <input type="checkbox"/> Japan carbon tax | <input type="checkbox"/> France carbon tax |
| <input type="checkbox"/> Mexico pilot ETS | <input type="checkbox"/> Latvia carbon tax |
| <input type="checkbox"/> Québec CaT - ETS | <input type="checkbox"/> Mexico carbon tax |
| <input type="checkbox"/> New Brunswick ETS | <input type="checkbox"/> Tianjin pilot ETS |
| <input type="checkbox"/> Norway carbon tax | <input type="checkbox"/> Alberta TIER - ETS |
| <input type="checkbox"/> Ontario EPS - ETS | <input type="checkbox"/> China national ETS |
| <input type="checkbox"/> Poland carbon tax | <input type="checkbox"/> Denmark carbon tax |
| <input type="checkbox"/> Sweden carbon tax | <input type="checkbox"/> Durango carbon tax |
| <input type="checkbox"/> Estonia carbon tax | <input type="checkbox"/> Shenzhen pilot ETS |
| <input type="checkbox"/> Finland carbon tax | <input type="checkbox"/> Ukraine carbon tax |
| <input type="checkbox"/> Iceland carbon tax | <input type="checkbox"/> Yucatan carbon tax |

- Ireland carbon tax
- Shanghai pilot ETS
- Guangdong pilot ETS
- Portugal carbon tax
- Slovenia carbon tax
- California CaT - ETS
- Queretaro carbon tax
- Luxembourg carbon tax
- Nova Scotia CaT - ETS
- Tamaulipas carbon tax
- Netherlands carbon tax
- Switzerland carbon tax
- New Brunswick carbon tax
- Baja California carbon tax
- Canada federal fuel charge
- State of Mexico carbon tax
- Prince Edward Island carbon tax
- Other carbon tax, please specify
- Other ETS, please specify

- Chongqing pilot ETS
- Colombia carbon tax
- Singapore carbon tax
- Washington CAR - ETS
- Zacatecas carbon tax
- Argentina carbon tax
- Guanajuato carbon tax
- Massachusetts state ETS
- Saskatchewan OBPS - ETS
- South Africa carbon tax
- UK Carbon Price Support
- Liechtenstein carbon tax
- Northwest Territories carbon tax
- Newfoundland and Labrador PSS - ETS
- Newfoundland and Labrador carbon tax
- Australia ERF Safeguard Mechanism - ETS
- Canada federal Output Based Pricing System (OBPS) - ETS

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel 	<ul style="list-style-type: none"> • Climate Change

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	

(3.5.2) Provide details of each Emissions Trading Scheme (ETS) your organization is regulated by.

Alberta TIER - ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO2e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO2e

Numeric input

(3.5.2.9) Details of ownership

Select from:

- Facilities we own and operate
- Facilities we own but do not operate
- Facilities we operate but do not own
- Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

Australia ERF Safeguard Mechanism - ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO₂e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO₂e

Numeric input

(3.5.2.9) Details of ownership

Select from:

- Facilities we own and operate
- Facilities we own but do not operate
- Facilities we operate but do not own
- Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

Austria – ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO₂e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO₂e

Numeric input

(3.5.2.9) Details of ownership

Select from:

Facilities we own and operate

- Facilities we own but do not operate
- Facilities we operate but do not own
- Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

BC GGIRCA - ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO₂e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO2e

Numeric input

(3.5.2.9) Details of ownership

Select from:

- Facilities we own and operate
- Facilities we own but do not operate
- Facilities we operate but do not own
- Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

Beijing pilot ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO2e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO2e

Numeric input

(3.5.2.9) Details of ownership

Select from:

- Facilities we own and operate
- Facilities we own but do not operate
- Facilities we operate but do not own
- Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

California CaT - ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO₂e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO₂e

Numeric input

(3.5.2.9) Details of ownership

Select from:

- Facilities we own and operate
- Facilities we own but do not operate
- Facilities we operate but do not own
- Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

Canada federal OBPS - ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO₂e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO₂e

Numeric input

(3.5.2.9) Details of ownership

Select from:

- Facilities we own and operate
- Facilities we own but do not operate
- Facilities we operate but do not own
- Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

China national ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO2e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO2e

Numeric input

(3.5.2.9) Details of ownership

Select from:

- Facilities we own and operate
- Facilities we own but do not operate
- Facilities we operate but do not own
- Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

Chongqing pilot ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO2e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO2e

Numeric input

(3.5.2.9) Details of ownership

Select from:

- Facilities we own and operate
- Facilities we own but do not operate
- Facilities we operate but do not own
- Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

EU ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO₂e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO₂e

Numeric input

(3.5.2.9) Details of ownership

Select from:

- Facilities we own and operate
- Facilities we own but do not operate
- Facilities we operate but do not own

Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

Fujian pilot ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO₂e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO2e

Numeric input

(3.5.2.9) Details of ownership

Select from:

- Facilities we own and operate
- Facilities we own but do not operate
- Facilities we operate but do not own
- Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

Germany ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO2e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO2e

Numeric input

(3.5.2.9) Details of ownership

Select from:

- Facilities we own and operate
- Facilities we own but do not operate
- Facilities we operate but do not own
- Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

Guangdong pilot ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO₂e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO₂e

Numeric input

(3.5.2.9) Details of ownership

Select from:

- Facilities we own and operate
- Facilities we own but do not operate
- Facilities we operate but do not own
- Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

Hubei pilot ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO₂e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO₂e

Numeric input

(3.5.2.9) Details of ownership

Select from:

- Facilities we own and operate
- Facilities we own but do not operate
- Facilities we operate but do not own
- Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

Indonesia ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO2e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO2e

Numeric input

(3.5.2.9) Details of ownership

Select from:

- Facilities we own and operate
- Facilities we own but do not operate
- Facilities we operate but do not own
- Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

Kazakhstan ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO₂e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO₂e

Numeric input

(3.5.2.9) Details of ownership

Select from:

- Facilities we own and operate
- Facilities we own but do not operate
- Facilities we operate but do not own
- Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

Korea ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO₂e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO₂e

Numeric input

(3.5.2.9) Details of ownership

Select from:

- Facilities we own and operate
- Facilities we own but do not operate
- Facilities we operate but do not own
- Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

Massachusetts state ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO₂e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO₂e

Numeric input

(3.5.2.9) Details of ownership

Select from:

- Facilities we own and operate
- Facilities we own but do not operate
- Facilities we operate but do not own
- Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

Mexico pilot ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO2e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO2e

Numeric input

(3.5.2.9) Details of ownership

Select from:

- Facilities we own and operate
- Facilities we own but do not operate
- Facilities we operate but do not own
- Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

Montenegro ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO₂e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO₂e

Numeric input

(3.5.2.9) Details of ownership

Select from:

- Facilities we own and operate
- Facilities we own but do not operate
- Facilities we operate but do not own
- Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

New Brunswick ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO₂e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO₂e

Numeric input

(3.5.2.9) Details of ownership

Select from:

Facilities we own and operate

- Facilities we own but do not operate
- Facilities we operate but do not own
- Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

New Zealand ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO₂e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO2e

Numeric input

(3.5.2.9) Details of ownership

Select from:

- Facilities we own and operate
- Facilities we own but do not operate
- Facilities we operate but do not own
- Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

Newfoundland and Labrador PSS – ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO₂e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO₂e

Numeric input

(3.5.2.9) Details of ownership

Select from:

- Facilities we own and operate
- Facilities we own but do not operate
- Facilities we operate but do not own
- Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

Nova Scotia CaT - ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO₂e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO₂e

Numeric input

(3.5.2.9) Details of ownership

Select from:

- Facilities we own and operate
- Facilities we own but do not operate
- Facilities we operate but do not own
- Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

Ontario EPS - ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO₂e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO₂e

Numeric input

(3.5.2.9) Details of ownership

Select from:

- Facilities we own and operate
- Facilities we own but do not operate
- Facilities we operate but do not own
- Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

Oregon ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO2e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO2e

Numeric input

(3.5.2.9) Details of ownership

Select from:

- Facilities we own and operate
- Facilities we own but do not operate
- Facilities we operate but do not own
- Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

Québec CaT - ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO2e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO2e

Numeric input

(3.5.2.9) Details of ownership

Select from:

- Facilities we own and operate
- Facilities we own but do not operate
- Facilities we operate but do not own
- Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

RRGI - ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO₂e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO₂e

Numeric input

(3.5.2.9) Details of ownership

Select from:

- Facilities we own and operate
- Facilities we own but do not operate
- Facilities we operate but do not own

Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

Saitama ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO₂e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO2e

Numeric input

(3.5.2.9) Details of ownership

Select from:

- Facilities we own and operate
- Facilities we own but do not operate
- Facilities we operate but do not own
- Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

Sakhalin ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO₂e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO₂e

Numeric input

(3.5.2.9) Details of ownership

Select from:

- Facilities we own and operate
- Facilities we own but do not operate
- Facilities we operate but do not own
- Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

Saskatchewan OBPS - ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO₂e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO₂e

Numeric input

(3.5.2.9) Details of ownership

Select from:

- Facilities we own and operate
- Facilities we own but do not operate
- Facilities we operate but do not own
- Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

Shanghai pilot ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO₂e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO₂e

Numeric input

(3.5.2.9) Details of ownership

Select from:

- Facilities we own and operate
- Facilities we own but do not operate
- Facilities we operate but do not own
- Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

Shenzhen pilot ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO2e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO2e

Numeric input

(3.5.2.9) Details of ownership

Select from:

- Facilities we own and operate
- Facilities we own but do not operate
- Facilities we operate but do not own
- Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

Switzerland ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO₂e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO₂e

Numeric input

(3.5.2.9) Details of ownership

Select from:

- Facilities we own and operate
- Facilities we own but do not operate
- Facilities we operate but do not own
- Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

Tianjin pilot ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO₂e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO₂e

Numeric input

(3.5.2.9) Details of ownership

Select from:

- Facilities we own and operate
- Facilities we own but do not operate
- Facilities we operate but do not own
- Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

Tokyo CaT - ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO₂e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO₂e

Numeric input

(3.5.2.9) Details of ownership

Select from:

- Facilities we own and operate
- Facilities we own but do not operate
- Facilities we operate but do not own
- Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

UK ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO2e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO2e

Numeric input

(3.5.2.9) Details of ownership

Select from:

- Facilities we own and operate
- Facilities we own but do not operate
- Facilities we operate but do not own
- Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

Vietnam ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO₂e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO₂e

Numeric input

(3.5.2.9) Details of ownership

Select from:

- Facilities we own and operate
- Facilities we own but do not operate
- Facilities we operate but do not own
- Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

Washington CAR - ETS

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO₂e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO₂e

Numeric input

(3.5.2.9) Details of ownership

Select from:

Facilities we own and operate

- Facilities we own but do not operate
- Facilities we operate but do not own
- Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

Other ETS, please specify

(3.5.2.1) % of Scope 1 emissions covered by the ETS

Numeric input

(3.5.2.2) % of Scope 2 emissions covered by the ETS

Numeric input

(3.5.2.3) Period start date

Date input

(3.5.2.4) Period end date

Date input

(3.5.2.5) Allowances allocated

Numeric input

(3.5.2.6) Allowances purchased

Numeric input

(3.5.2.7) Verified Scope 1 emissions in metric tons CO₂e

Numeric input

(3.5.2.8) Verified Scope 2 emissions in metric tons CO2e

Numeric input

(3.5.2.9) Details of ownership

Select from:

- Facilities we own and operate
- Facilities we own but do not operate
- Facilities we operate but do not own
- Other, please specify

(3.5.2.10) Comment

Rich text input [must be under 2400 characters]

[Fixed row]

Questionnaire sector	Environmental Issue	Framework Alignment
<ul style="list-style-type: none">• Oil & Gas• Coal• General• Capital goods• Transport OEMS - EPM• Chemicals• Metals & mining• Transport services• Steel• Agricultural commodities• Electric utilities	<ul style="list-style-type: none">• Climate Change	<ul style="list-style-type: none">• ESRS E1

Questionnaire sector	Environmental Issue	Framework Alignment
<ul style="list-style-type: none"> • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 		

(3.5.3) Complete the following table for each of the tax systems you are regulated by.

Argentina carbon tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

Baja California carbon tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

BC carbon tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

Canada federal fuel charge

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

Chile carbon tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

Colombia carbon tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

Denmark carbon tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

Durango carbon tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

Estonia carbon tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

Finland carbon tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

France carbon tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

Guanajuato carbon tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

Iceland carbon tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

Ireland carbon tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

Japan carbon tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

Latvia carbon tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

Liechtenstein carbon tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

Luxembourg carbon tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

Mexico carbon tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

Netherlands carbon tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

New Brunswick carbon tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

Newfoundland and Labrador carbon tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

Northwest Territories carbon tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

Norway carbon tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

Poland carbon tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

Portugal carbon tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

Prince Edward Island carbon tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

Queretaro carbon tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

Singapore carbon tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

Slovenia carbon tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

South Africa carbon tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

Spain carbon tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

State of Mexico carbon tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

Sweden carbon tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

Switzerland carbon tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

Tamaulipas carbon tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

UK Carbon Price Support

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

Ukraine carbon tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

Uruguay CO2 tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

Yucatan carbon tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

Zacatecas carbon tax

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

Other carbon tax, please specify

(3.5.3.1) Period start date

Date input

(3.5.3.2) Period end date

Date input

(3.5.3.3) % of total Scope 1 emissions covered by tax

Numeric input

(3.5.3.4) Total cost of tax paid

Numeric input

(3.5.3.5) Comment

Rich text input [must be under 2400 characters]

[Fixed row]

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • Climate Change

(3.5.4) What is your strategy for complying with the systems you are regulated by or anticipate being regulated by?

CPALL anticipated that from 2026 a capandtrade andor carbon tax scheme will be enforced in Thailand Multiple industries in Thailand might be regulated by this firstly in carbonintensive industries such as oil and gas and power sector followed by other industries including retail Therefore the company appointed the Corporate Sustainability Management Division to be responsible for monitoring the regulatory change and to notify relevant business unitsfunctions about potential impacts and prepare strategic response measures in a timely manner In order to familiarize our employees with the system in advance CPALL participated in the Thailand Voluntary Emission Reduction Program TVER by the Thai Greenhouse Gas Management Organization TGO which gave us a clear understanding of how the system works In addition we set the greenhouse gas emission target into two stages1 To become carbon neutral in 20302 To become net zero in 2050Despite a high uncertainty on stringency of regulation CPALL believes that achieving these goals will enable CPALL to avoid costs to a certain extent and even earn revenue from emissions trading These goals are embedded in the 7 Go Green sustainable development strategy which is one of the five pillars of CP ALLs corporate strategy and provides financial incentives for executives

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • Climate Change

(3.6) Have you identified any environmental opportunities which have had a substantive effect on your organization in the reporting year, or are anticipated to have a substantive effect on your organization in the future?

Climate change

(3.6.1) Environmental opportunities identified

Select from:

- Yes, we have identified opportunities, and some/all are being realized
- Yes, we have identified opportunities but are unable to realize them

No

(3.6.2) Primary reason why your organization does not consider itself to have environmental opportunities

Select from:

- Evaluation in progress
- Lack of internal resources, capabilities, or expertise (e.g., due to organization size)
- No standardized procedure
- Other, please specify
- Not an immediate strategic priority
- Judged to be unimportant or not relevant
- Opportunities exist, but none anticipated to have a substantive effect on organization

(3.6.3) Please explain

Rich text input [must be under 2500 characters]
[Fixed row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none">• Water• Biodiversity• Climate Change• Forests	<ul style="list-style-type: none">• Financial services• Oil & Gas• Coal• General• Capital goods• Transport OEMS - EPM• Chemicals• Metals & mining• Transport services• Steel• Agricultural commodities• Electric utilities• Transport OEMS	<ul style="list-style-type: none">• ESRS 2• TCFD Strategy A• CEO WM Implications: Business opportunities• ESRS E2• CEO WM Implications: Business risks• TNFD Strategy A• ESRS E4• ESRS E1• ESRS E3

Environmental Issue	Questionnaire sector	Framework Alignment
	<ul style="list-style-type: none"> • Biodiversity - Mines • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	

(3.6.1) Provide details of the environmental opportunities identified which have had a substantive effect on your organization in the reporting year, or are anticipated to have a substantive effect on your organization in the future.

Climate change

(3.6.1.1) Opportunity identifier

Select from:

- | | |
|--------------------------------|--------------------------------|
| <input type="checkbox"/> Opp2 | <input type="checkbox"/> Opp8 |
| <input type="checkbox"/> Opp3 | <input type="checkbox"/> Opp9 |
| <input type="checkbox"/> Opp4 | <input type="checkbox"/> Opp7 |
| <input type="checkbox"/> Opp5 | <input type="checkbox"/> Opp10 |
| <input type="checkbox"/> Opp6 | <input type="checkbox"/> Opp11 |
| <input type="checkbox"/> Opp12 | <input type="checkbox"/> Opp17 |
| <input type="checkbox"/> Opp13 | <input type="checkbox"/> Opp18 |
| <input type="checkbox"/> Opp14 | <input type="checkbox"/> Opp19 |
| <input type="checkbox"/> Opp15 | <input type="checkbox"/> Opp20 |
| <input type="checkbox"/> Opp16 | <input type="checkbox"/> Opp21 |
| <input type="checkbox"/> Opp22 | <input type="checkbox"/> Opp27 |
| <input type="checkbox"/> Opp23 | <input type="checkbox"/> Opp28 |
| <input type="checkbox"/> Opp24 | <input type="checkbox"/> Opp29 |
| <input type="checkbox"/> Opp25 | <input type="checkbox"/> Opp30 |

- Opp26
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- Opp93
- Opp94
- Opp95
- Opp96

- Opp91
- Opp97
- Opp98
- Opp99
- Opp100
- Opp1

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Capital flow and financing

- REDD+
- Financial reward from buyers
- Access to new financing options
- Access to sustainability linked loans
- Payment for ecosystem services (other than REDD+)
- Other capital flow and financing opportunity, please specify

Energy source

- Participation in carbon market
- Use of renewable energy sources
- Use of low-carbon energy sources
- Use of carbon capture and storage
- Shift toward decentralized energy generation
- Other energy source opportunity, please specify

Markets

- Increased brand value
- Expansion into new markets
- Stronger competitive advantage
- Improved supply chain engagement
- Use of public sector incentives
- Easier access to cheaper and/or more available credit
- Increased demand for certified and sustainable materials

- Increased availability of products with reduced environmental impact [other than certified products]
- Other markets opportunity, please specify

Products and services

- Shift in consumer preferences
- Increased security of production
- Increased value chain transparency
- Ability to diversify business activities
- Increased sales of existing products and services
- Development of new products or services through R&D and innovation
- Other products and services opportunity, please specify

Reputational capital

- Improved community relations
- Improved ratings by sustainability/ESG indexes
- Reputational benefits resulting in increased demand for products/services
- Strengthened social license to operate
- Other reputational capital opportunity, please specify

Resilience

- Shift in business model
- Improved staff retention
- Increased upstream value chain resilience
- Improved resilience to future regulatory changes
- Increased resilience to impacts of climate change
- Participation in environmental collaborative industry frameworks, initiatives and/or commitments
- Other resilience opportunity, please specify

Resource efficiency

- Cost savings
- Use of recycling
- Regenerative production
- Use of new technologies
- Reduced water usage and consumption
- Use of more efficient modes of transport
- Move to more energy/resource efficient buildings
- Increased efficiency of production and/or distribution processes
- Other resource efficiency opportunity, please specify

(3.6.1.4) Value chain stage where the opportunity occurs

Select from:

- Direct operations
- Downstream value chain
- Upstream value chain

(3.6.1.5) Country/area where the opportunity occurs

Select all that apply

- | | |
|--------------------------------|---------------------------------|
| <input type="checkbox"/> Chad | <input type="checkbox"/> Mali |
| <input type="checkbox"/> Cuba | <input type="checkbox"/> Niue |
| <input type="checkbox"/> Fiji | <input type="checkbox"/> Oman |
| <input type="checkbox"/> Guam | <input type="checkbox"/> Peru |
| <input type="checkbox"/> Iraq | <input type="checkbox"/> Togo |
| <input type="checkbox"/> Aruba | <input type="checkbox"/> Egypt |
| <input type="checkbox"/> Benin | <input type="checkbox"/> Gabon |
| <input type="checkbox"/> Chile | <input type="checkbox"/> Ghana |
| <input type="checkbox"/> China | <input type="checkbox"/> Haiti |
| <input type="checkbox"/> Congo | <input type="checkbox"/> India |
| <input type="checkbox"/> Italy | <input type="checkbox"/> Nauru |
| <input type="checkbox"/> Japan | <input type="checkbox"/> Nepal |
| <input type="checkbox"/> Kenya | <input type="checkbox"/> Niger |
| <input type="checkbox"/> Libya | <input type="checkbox"/> Palau |
| <input type="checkbox"/> Malta | <input type="checkbox"/> Qatar |
| <input type="checkbox"/> Samoa | <input type="checkbox"/> Angola |
| <input type="checkbox"/> Spain | <input type="checkbox"/> Belize |
| <input type="checkbox"/> Sudan | <input type="checkbox"/> Bhutan |
| <input type="checkbox"/> Tonga | <input type="checkbox"/> Brazil |

- Yemen
- Cyprus
- France
- Gambia
- Greece
- Guinea
- Latvia
- Malawi
- Mexico
- Monaco
- Norway
- Turkey
- Tuvalu
- Uganda
- Zambia
- Albania
- Bahrain
- Belarus
- Belgium
- Bermuda
- Burundi
- Ecuador
- Eritrea
- Estonia
- Finland
- Georgia
- Jamaica
- Lebanon
- Lesotho
- Liberia

- Canada
- Guyana
- Israel
- Jersey
- Jordan
- Kuwait
- Panama
- Poland
- Rwanda
- Serbia
- Sweden
- Algeria
- Andorra
- Armenia
- Austria
- Bahamas
- Comoros
- Croatia
- Curaçao
- Czechia
- Denmark
- Germany
- Grenada
- Hungary
- Iceland
- Ireland
- Morocco
- Myanmar
- Namibia
- Nigeria

- Mayotte
- Romania
- Senegal
- Somalia
- Tokelau
- Tunisia
- Botswana
- Bulgaria
- Cambodia
- Cameroon
- Colombia
- Holy See
- Honduras
- Kiribati
- Malaysia
- Maldives
- Slovakia
- Slovenia
- Suriname
- Viet Nam
- Zimbabwe
- Indonesia
- Lithuania
- Mauritius
- Nicaragua
- Singapore
- Costa Rica
- Guadeloupe
- Kazakhstan
- Kyrgyzstan

- Réunion
- Ukraine
- Uruguay
- Vanuatu
- Anguilla
- Barbados
- Djibouti
- Dominica
- Eswatini
- Ethiopia
- Guernsey
- Mongolia
- Pakistan
- Paraguay
- Pitcairn
- Portugal
- Argentina
- Australia
- Gibraltar
- Greenland
- Guatemala
- Sri Lanka
- Antarctica
- Azerbaijan
- Bangladesh
- Cabo Verde
- Madagascar
- Martinique
- Mauritania
- Montenegro

- Luxembourg
- Mozambique
- San Marino
- Seychelles
- Tajikistan
- Uzbekistan
- Philippines
- Puerto Rico
- Saint Lucia
- South Sudan
- Switzerland
- Sierra Leone
- South Africa
- Turkmenistan
- Åland Islands
- Bouvet Island
- New Caledonia
- Taiwan, China
- American Samoa
- Cayman Islands
- Norfolk Island
- Marshall Islands
- Papua New Guinea
- Saint Barthélemy
- Brunei Darussalam
- Equatorial Guinea
- Republic of Moldova
- Trinidad and Tobago
- Bosnia & Herzegovina
- Hong Kong SAR, China

- Montserrat
- Afghanistan
- El Salvador
- Isle of Man
- Netherlands
- New Zealand
- Timor-Leste
- Burkina Faso
- Cook Islands
- Saint Helena
- Saudi Arabia
- Côte d'Ivoire
- Faroe Islands
- French Guiana
- Guinea-Bissau
- Liechtenstein
- Western Sahara
- North Macedonia
- Solomon Islands
- Christmas Island
- French Polynesia
- Republic of Korea
- Dominican Republic
- Russian Federation
- State of Palestine
- Antigua and Barbuda
- United Arab Emirates
- Saint Kitts and Nevis
- Sao Tome and Principe
- British Virgin Islands

- Syrian Arab Republic
- Central African Republic
- Northern Mariana Islands
- Turks and Caicos Islands
- United States of America
- Saint Pierre and Miquelon
- French Southern Territories
- United Republic of Tanzania
- United States Virgin Islands
- British Indian Ocean Territory
- Svalbard and Jan Mayen Islands
- Saint Vincent and the Grenadines
- Heard Island and McDonald Islands
- Venezuela (Bolivarian Republic of)
- United States Minor Outlying Islands
- Democratic People's Republic of Korea
- Cocos (Keeling) Islands
- Sint Maarten (Dutch part)
- Wallis and Futuna Islands
- Iran (Islamic Republic of)
- Saint Martin (French part)
- Falkland Islands (Malvinas)
- Bolivia (Plurinational State of)
- Bonaire, Sint Eustatius and Saba
- Democratic Republic of the Congo
- Lao People's Democratic Republic
- Micronesia (Federated States of)
- China, Macao Special Administrative Region
- South Georgia and the South Sandwich Islands
- United Kingdom of Great Britain and Northern Ireland
- Thailand

(3.6.1.7) Mining project ID

Select all that apply

- Project 1
- Project 2
- Project 3
- Project 4
- Project 5
- Project 11
- Project 12
- Project 13
- Project 14
- Project 15
- Project 6
- Project 7
- Project 8
- Project 9
- Project 10
- Project 16
- Project 17
- Project 18
- Project 19
- Project 20

- Project 21
 - Project 22
 - Project 23
 - Project 24
 - Project 25
 - Project 31
 - Project 32
 - Project 33
 - Project 34
 - Project 35
 - Project 41
 - Project 42
 - Project 43
 - Project 44
 - Project 45
 - Project 51
 - Project 52
 - Project 53
 - Project 54
 - Project 55
 - Project 61
 - Project 62
 - Project 63
 - Project 64
 - Project 65
 - All disclosed mining projects
- Project 26
 - Project 27
 - Project 28
 - Project 29
 - Project 30
 - Project 36
 - Project 37
 - Project 38
 - Project 39
 - Project 40
 - Project 46
 - Project 47
 - Project 48
 - Project 49
 - Project 50
 - Project 56
 - Project 57
 - Project 58
 - Project 59
 - Project 60
 - Project 66
 - Project 67
 - Project 68
 - Project 69
 - Project 70

(3.6.1.8) Organization specific description

CP ALL aims to become carbon neutral by 2030 and net zero by 2050 To realize such ambitious target renewable energy sourcing is our significant contributing area that needs to be realized especially electricity from solar PV The technological advancement of solar PVs efficiency nowadays not only helps CP ALL reducing energy

cost but also provides benefits by being a backup electrical supply in case of grid failure and contributing to the positive environmental awareness of CP ALL. This opportunity has been seized for all 3 business units of CP ALL including 7Eleven, CPRAM and Makro.

(3.6.1.9) Primary financial effect of the opportunity

Select from:

- Reduced direct costs
- Increased access to capital
- Increased value of fixed assets
- Increased diversification of financial assets
- Increased revenue resulting from price premiums
- Increased revenue resulting from direct payments from downstream companies
- Reduced indirect (operating) costs
- Other, please specify
- Returns on investment in low-emission technology
- Increased access to capital at lower/more favorable rates
- Increased revenues through access to new and emerging markets
- Increased revenues resulting from increased production capacity
- Increased revenues resulting from increased demand for products and services

(3.6.1.10) Time horizon over which the opportunity is anticipated to have a substantive effect on the organization

Select all that apply

- Short-term
- Medium-term
- Long-term
- The opportunity has already had a substantive effect on our organization in the reporting year

(3.6.1.11) Likelihood of the opportunity having an effect within the anticipated time horizon

Select from:

- Unknown
- Unlikely (0–33%)
- Likely (66–100%)
- Very unlikely (0–10%)
- Virtually certain (99–100%)
- Exceptionally unlikely (0–1%)
- More likely than not (50–100%)
- About as likely as not (33–66%)
- Very likely (90–100%)

(3.6.1.12) Magnitude

Select from:

- Low
- High
- Medium
- Unknown
- Medium-low
- Medium-high

(3.6.1.13) Effect of the opportunity on the financial position, financial performance and cash flows of the organization in the reporting period

Rich text input [must be under 2500 characters]

(3.6.1.14) Anticipated effect of the opportunity on the financial position, financial performance and cash flows of the organization in the selected future time horizons

Rich text input [must be under 2500 characters]

(3.6.1.15) Are you able to quantify the financial effects of the opportunity?

Select from:

- Yes
- No

(3.6.1.16) Financial effect figure in the reporting year (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.17) Anticipated financial effect figure in the short-term - minimum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.18) Anticipated financial effect figure in the short-term – maximum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.19) Anticipated financial effect figure in the medium-term - minimum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.20) Anticipated financial effect figure in the medium-term - maximum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.21) Anticipated financial effect figure in the long-term - minimum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.22) Anticipated financial effect figure in the long-term – maximum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.23) Explanation of financial effect figures

Energy cost saving is the main financial benefit received from shifting toward decentralized renewable energy generation The reported financial impact is estimated based on the difference in electricity cost between traditional grid provider and onsite solar PV generation multiplied by electricity consumption over 25 years lifetime Based on the implementation in 2022 it generated 4699417 MWh/year and save 30961064945 THB/year Moreover this will lead to Scope 2 GHG saving of approximately 5791290 tCO₂/year which puts CP ALL closer to achieving the emission target

(3.6.1.24) Cost to realize opportunity

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.25) Explanation of cost calculation

Rich text input [must be under 2500 characters]

(3.6.1.26) Strategy to realize opportunity

The success of this target is tied with our executives compensation The cost to realize opportunity is considered none 0 THB due to the partnership model of this initiative which requires no investment cost on solar rooftop from CP ALL

Climate change

(3.6.1.1) Opportunity identifier

Select from:

- | | |
|--------------------------------|--------------------------------|
| <input type="checkbox"/> Opp2 | <input type="checkbox"/> Opp9 |
| <input type="checkbox"/> Opp4 | <input type="checkbox"/> Opp1 |
| <input type="checkbox"/> Opp5 | <input type="checkbox"/> Opp7 |
| <input type="checkbox"/> Opp6 | <input type="checkbox"/> Opp10 |
| <input type="checkbox"/> Opp8 | <input type="checkbox"/> Opp11 |
| <input type="checkbox"/> Opp12 | <input type="checkbox"/> Opp17 |
| <input type="checkbox"/> Opp13 | <input type="checkbox"/> Opp18 |
| <input type="checkbox"/> Opp14 | <input type="checkbox"/> Opp19 |
| <input type="checkbox"/> Opp15 | <input type="checkbox"/> Opp20 |
| <input type="checkbox"/> Opp16 | <input type="checkbox"/> Opp21 |
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| <input type="checkbox"/> Opp25 | <input type="checkbox"/> Opp30 |
| <input type="checkbox"/> Opp26 | <input type="checkbox"/> Opp31 |
| <input type="checkbox"/> Opp32 | <input type="checkbox"/> Opp37 |
| <input type="checkbox"/> Opp33 | <input type="checkbox"/> Opp38 |
| <input type="checkbox"/> Opp34 | <input type="checkbox"/> Opp39 |
| <input type="checkbox"/> Opp35 | <input type="checkbox"/> Opp40 |
| <input type="checkbox"/> Opp36 | <input type="checkbox"/> Opp41 |
| <input type="checkbox"/> Opp42 | <input type="checkbox"/> Opp47 |
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| <input type="checkbox"/> Opp45 | <input type="checkbox"/> Opp50 |
| <input type="checkbox"/> Opp46 | <input type="checkbox"/> Opp51 |

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- Opp99
- Opp100
- Opp3

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Capital flow and financing

- REDD+
- Other capital flow and financing opportunity, please specify

- Financial reward from buyers
- Access to new financing options
- Access to sustainability linked loans
- Payment for ecosystem services (other than REDD+)

Energy source

- Participation in carbon market
- Use of renewable energy sources
- Use of low-carbon energy sources
- Use of carbon capture and storage
- Shift toward decentralized energy generation
- Other energy source opportunity, please specify

Markets

- Increased brand value
- Expansion into new markets
- Stronger competitive advantage
- Improved supply chain engagement
- Use of public sector incentives
- Easier access to cheaper and/or more available credit
- Increased demand for certified and sustainable materials
- Increased availability of products with reduced environmental impact [other than certified products]
- Other markets opportunity, please specify

Products and services

- Shift in consumer preferences
- Increased security of production
- Increased value chain transparency
- Ability to diversify business activities
- Increased sales of existing products and services
- Development of new products or services through R&D and innovation
- Other products and services opportunity, please specify

Reputational capital

- Improved community relations

- Improved ratings by sustainability/ESG indexes
- Reputational benefits resulting in increased demand for products/services
- Strengthened social license to operate
- Other reputational capital opportunity, please specify

Resilience

- Shift in business model
- Improved staff retention
- Increased upstream value chain resilience
- Improved resilience to future regulatory changes
- Increased resilience to impacts of climate change
- Participation in environmental collaborative industry frameworks, initiatives and/or commitments
- Other resilience opportunity, please specify

Resource efficiency

- | | |
|--|---|
| <input type="checkbox"/> Cost savings | <input type="checkbox"/> Use of more efficient modes of transport |
| <input type="checkbox"/> Use of recycling | <input type="checkbox"/> Move to more energy/resource efficient buildings |
| <input type="checkbox"/> Regenerative production | <input type="checkbox"/> Increased efficiency of production and/or distribution processes |
| <input type="checkbox"/> Use of new technologies | <input type="checkbox"/> Other resource efficiency opportunity, please specify |
| <input type="checkbox"/> Reduced water usage and consumption | |

(3.6.1.4) Value chain stage where the opportunity occurs

Select from:

- Direct operations
- Downstream value chain
- Upstream value chain

(3.6.1.5) Country/area where the opportunity occurs

Select all that apply

- Chad
- Cuba
- Fiji
- Guam
- Iraq
- Aruba
- Benin
- Chile
- China
- Congo
- Italy
- Japan
- Kenya
- Libya
- Malta
- Samoa
- Spain
- Sudan
- Tonga
- Yemen
- Cyprus
- France
- Gambia
- Greece
- Guinea
- Latvia
- Malawi
- Mexico
- Monaco
- Norway

- Mali
- Niue
- Oman
- Peru
- Togo
- Egypt
- Gabon
- Ghana
- Haiti
- India
- Nauru
- Nepal
- Niger
- Palau
- Qatar
- Angola
- Belize
- Bhutan
- Brazil
- Canada
- Guyana
- Israel
- Jersey
- Jordan
- Kuwait
- Panama
- Poland
- Rwanda
- Serbia
- Sweden

- Turkey
- Tuvalu
- Uganda
- Zambia
- Albania
- Bahrain
- Belarus
- Belgium
- Bermuda
- Burundi
- Ecuador
- Eritrea
- Estonia
- Finland
- Georgia
- Jamaica
- Lebanon
- Lesotho
- Liberia
- Mayotte
- Romania
- Senegal
- Somalia
- Tokelau
- Tunisia
- Botswana
- Bulgaria
- Cambodia
- Cameroon
- Colombia

- Algeria
- Andorra
- Armenia
- Austria
- Bahamas
- Comoros
- Croatia
- Curaçao
- Czechia
- Denmark
- Germany
- Grenada
- Hungary
- Iceland
- Ireland
- Morocco
- Myanmar
- Namibia
- Nigeria
- Réunion
- Ukraine
- Uruguay
- Vanuatu
- Anguilla
- Barbados
- Djibouti
- Dominica
- Eswatini
- Ethiopia
- Guernsey

- Holy See
- Honduras
- Kiribati
- Malaysia
- Maldives
- Slovakia
- Slovenia
- Suriname
- Viet Nam
- Zimbabwe
- Indonesia
- Lithuania
- Mauritius
- Nicaragua
- Singapore
- Costa Rica
- Guadeloupe
- Kazakhstan
- Kyrgyzstan
- Luxembourg
- Mozambique
- San Marino
- Seychelles
- Tajikistan
- Uzbekistan
- Philippines
- Puerto Rico
- Saint Lucia
- South Sudan
- Switzerland

- Mongolia
- Pakistan
- Paraguay
- Pitcairn
- Portugal
- Argentina
- Australia
- Gibraltar
- Greenland
- Guatemala
- Sri Lanka
- Antarctica
- Azerbaijan
- Bangladesh
- Cabo Verde
- Madagascar
- Martinique
- Mauritania
- Montenegro
- Montserrat
- Afghanistan
- El Salvador
- Isle of Man
- Netherlands
- New Zealand
- Timor-Leste
- Burkina Faso
- Cook Islands
- Saint Helena
- Saudi Arabia

- Sierra Leone
- South Africa
- Turkmenistan
- Åland Islands
- Bouvet Island
- New Caledonia
- Taiwan, China
- American Samoa
- Cayman Islands
- Norfolk Island
- Marshall Islands
- Papua New Guinea
- Saint Barthélemy
- Brunei Darussalam
- Equatorial Guinea
- Republic of Moldova
- Trinidad and Tobago
- Bosnia & Herzegovina
- Hong Kong SAR, China
- Syrian Arab Republic
- Central African Republic
- Northern Mariana Islands
- Turks and Caicos Islands
- United States of America
- Saint Pierre and Miquelon
- French Southern Territories
- United Republic of Tanzania
- United States Virgin Islands
- British Indian Ocean Territory
- Svalbard and Jan Mayen Islands

- Côte d'Ivoire
- Faroe Islands
- French Guiana
- Guinea-Bissau
- Liechtenstein
- Western Sahara
- North Macedonia
- Solomon Islands
- Christmas Island
- French Polynesia
- Republic of Korea
- Dominican Republic
- Russian Federation
- State of Palestine
- Antigua and Barbuda
- United Arab Emirates
- Saint Kitts and Nevis
- Sao Tome and Principe
- British Virgin Islands
- Cocos (Keeling) Islands
- Sint Maarten (Dutch part)
- Wallis and Futuna Islands
- Iran (Islamic Republic of)
- Saint Martin (French part)
- Falkland Islands (Malvinas)
- Bolivia (Plurinational State of)
- Bonaire, Sint Eustatius and Saba
- Democratic Republic of the Congo
- Lao People's Democratic Republic
- Micronesia (Federated States of)

- Saint Vincent and the Grenadines
- Heard Island and McDonald Islands
- Venezuela (Bolivarian Republic of)
- United States Minor Outlying Islands
- Democratic People's Republic of Korea

- China, Macao Special Administrative Region
- South Georgia and the South Sandwich Islands
- United Kingdom of Great Britain and Northern Ireland
- Thailand

(3.6.1.7) Mining project ID

Select all that apply

- Project 1
- Project 2
- Project 3
- Project 4
- Project 5
- Project 11
- Project 12
- Project 13
- Project 14
- Project 15
- Project 21
- Project 22
- Project 23
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 - Project 65
 - All disclosed mining projects
- Project 47
 - Project 48
 - Project 49
 - Project 50
 - Project 56
 - Project 57
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 - Project 60
 - Project 66
 - Project 67
 - Project 68
 - Project 69
 - Project 70

(3.6.1.8) Organization specific description

Green consumerism has gain popularity over the recent years due to growing sustainability concerns of the young generations worldwide with market value exceeding 100000 million THB per year on the rise CP ALL has been aware that the demand in low carbon products is likely to be higher in the years to come thus started to develop ecofriendly product lines while accumulating market knowledge throughout the process Moreover we seek to gain the confident from the green consumers by registering our products officially with Thailand Greenhouse Gas management organization TGO and communicate the progress in our Sustainability Report annually

(3.6.1.9) Primary financial effect of the opportunity

Select from:

- Reduced direct costs
- Increased access to capital
- Increased value of fixed assets
- Reduced indirect (operating) costs
- Increased diversification of financial assets
- Increased revenue resulting from price premiums
- Returns on investment in low-emission technology
- Increased access to capital at lower/more favorable rates
- Increased revenues through access to new and emerging markets
- Increased revenues resulting from increased production capacity

- Increased revenue resulting from direct payments from downstream companies
- Increased revenues resulting from increased demand for products and services
- Other, please specify

(3.6.1.10) Time horizon over which the opportunity is anticipated to have a substantive effect on the organization

Select all that apply

- Short-term
- Medium-term
- Long-term
- The opportunity has already had a substantive effect on our organization in the reporting year

(3.6.1.11) Likelihood of the opportunity having an effect within the anticipated time horizon

Select from:

- | | |
|--|--|
| <input type="checkbox"/> Unknown | <input type="checkbox"/> Exceptionally unlikely (0–1%) |
| <input type="checkbox"/> Unlikely (0–33%) | <input type="checkbox"/> More likely than not (50–100%) |
| <input type="checkbox"/> Very unlikely (0–10%) | <input type="checkbox"/> About as likely as not (33–66%) |
| <input type="checkbox"/> Very likely (90–100%) | <input checked="" type="checkbox"/> Likely (66–100%) |
| <input type="checkbox"/> Virtually certain (99–100%) | |

(3.6.1.12) Magnitude

Select from:

- | | |
|--------------------------------------|--|
| <input type="checkbox"/> Low | <input checked="" type="checkbox"/> High |
| <input type="checkbox"/> Medium | |
| <input type="checkbox"/> Unknown | |
| <input type="checkbox"/> Medium-low | |
| <input type="checkbox"/> Medium-high | |

(3.6.1.13) Effect of the opportunity on the financial position, financial performance and cash flows of the organization in the reporting period

Rich text input [must be under 2500 characters]

(3.6.1.14) Anticipated effect of the opportunity on the financial position, financial performance and cash flows of the organization in the selected future time horizons

Rich text input [must be under 2500 characters]

(3.6.1.15) Are you able to quantify the financial effects of the opportunity?

Select from:

Yes

No

(3.6.1.16) Financial effect figure in the reporting year (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.17) Anticipated financial effect figure in the short-term - minimum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.18) Anticipated financial effect figure in the short-term – maximum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.19) Anticipated financial effect figure in the medium-term - minimum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.20) Anticipated financial effect figure in the medium-term - maximum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.21) Anticipated financial effect figure in the long-term - minimum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.22) Anticipated financial effect figure in the long-term – maximum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.23) Explanation of financial effect figures

Revenue generation from low carbon products is the main consideration in financial impact estimation The reported figure is calculated based on the summation of revenue generation in 2022 from 1 1 product certified with Carbon Footprint for Product label CFP with revenue of 11689255 THB and 2 5 products certified with the Carbon Footprint Reduction Label CFR with revenue of 91150405333 THB

(3.6.1.24) Cost to realize opportunity

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.25) Explanation of cost calculation

Rich text input [must be under 2500 characters]

(3.6.1.26) Strategy to realize opportunity

CP ALL has been aware that the demand in low carbon products is gaining interest in the years to come thus started to develop ecofriendly product lines These involves sourcing of low carbon ingredients process improvement industrial waste reduction and dematerialization of unnecessary parts of packaging Moreover we promotes confidence among green consumers by registering our products officially with Thailand Greenhouse Gas management organization TGO and communicate through our Sustainability Report annually As of 2022 there is 1 product certified with Carbon Footprint for Product label CFP namely Vegan basil with rice There are 5 products certified with Carbon Footprint Reduction Label CFR namely Ezygo pork basil with rice Big Minced Pork with Salty Egg Bun Big Minced Pork Bun Shrimp dumpling and Crab Dumpling The reported cost to realize opportunity 65000 THB is estimated based on product registration cost 17000 THB and consultation audit cost 48000 THB in 2022 Costs associated with RD process of packaging and other low carbon product sourcing are considered negligible 0 THB since it is integrated in regular internal product development process without additional cost

Climate change

(3.6.1.1) Opportunity identifier

Select from:

Opp2

Opp5

Opp1

Opp3

- Opp6
- Opp8
- Opp9
- Opp12
- Opp13
- Opp14
- Opp15
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- Opp99
- Opp100
- Opp4

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Capital flow and financing

- REDD+
- Financial reward from buyers
- Access to new financing options
- Access to sustainability linked loans
- Payment for ecosystem services (other than REDD+)

- Other capital flow and financing opportunity, please specify

Energy source

- Participation in carbon market
- Use of renewable energy sources

- Other energy source opportunity, please specify

- Use of low-carbon energy sources
- Use of carbon capture and storage
- Shift toward decentralized energy generation

Markets

- Increased brand value
- Expansion into new markets
- Stronger competitive advantage
- Improved supply chain engagement
- Use of public sector incentives
- Easier access to cheaper and/or more available credit
- Increased demand for certified and sustainable materials
- Increased availability of products with reduced environmental impact [other than certified products]
- Other markets opportunity, please specify

Products and services

- Shift in consumer preferences
- Increased security of production
- Increased value chain transparency
- Ability to diversify business activities
- Increased sales of existing products and services
- Development of new products or services through R&D and innovation
- Other products and services opportunity, please specify

Reputational capital

- Improved community relations
- Improved ratings by sustainability/ESG indexes
- Reputational benefits resulting in increased demand for products/services
- Strengthened social license to operate
- Other reputational capital opportunity, please specify

Resilience

- Shift in business model
- Improved staff retention

- Increased upstream value chain resilience
- Improved resilience to future regulatory changes
- Increased resilience to impacts of climate change
- Participation in environmental collaborative industry frameworks, initiatives and/or commitments
- Other resilience opportunity, please specify

Resource efficiency

- Cost savings
 - Use of recycling
 - Regenerative production
 - Use of new technologies
 - Use of more efficient modes of transport
 - Move to more energy/resource efficient buildings
 - Increased efficiency of production and/or distribution processes
 - Other resource efficiency opportunity, please specify **:Use of more efficient**
- production and distribution processes**
- Reduced water usage and consumption

(3.6.1.4) Value chain stage where the opportunity occurs

Select from:

- Direct operations
- Downstream value chain
- Upstream value chain

(3.6.1.5) Country/area where the opportunity occurs

Select all that apply

- Chad
- Cuba
- Fiji
- Guam
- Iraq
- Aruba
- Benin
- Mali
- Niue
- Oman
- Peru
- Togo
- Egypt
- Gabon

- Chile
- China
- Congo
- Italy
- Japan
- Kenya
- Libya
- Malta
- Samoa
- Spain
- Sudan
- Tonga
- Yemen
- Cyprus
- France
- Gambia
- Greece
- Guinea
- Latvia
- Malawi
- Mexico
- Monaco
- Norway
- Turkey
- Tuvalu
- Uganda
- Zambia
- Albania
- Bahrain
- Belarus

- Ghana
- Haiti
- India
- Nauru
- Nepal
- Niger
- Palau
- Qatar
- Angola
- Belize
- Bhutan
- Brazil
- Canada
- Guyana
- Israel
- Jersey
- Jordan
- Kuwait
- Panama
- Poland
- Rwanda
- Serbia
- Sweden
- Algeria
- Andorra
- Armenia
- Austria
- Bahamas
- Comoros
- Croatia

- Belgium
- Bermuda
- Burundi
- Ecuador
- Eritrea
- Estonia
- Finland
- Georgia
- Jamaica
- Lebanon
- Lesotho
- Liberia
- Mayotte
- Romania
- Senegal
- Somalia
- Tokelau
- Tunisia
- Botswana
- Bulgaria
- Cambodia
- Cameroon
- Colombia
- Holy See
- Honduras
- Kiribati
- Malaysia
- Maldives
- Slovakia
- Slovenia

- Curaçao
- Czechia
- Denmark
- Germany
- Grenada
- Hungary
- Iceland
- Ireland
- Morocco
- Myanmar
- Namibia
- Nigeria
- Réunion
- Ukraine
- Uruguay
- Vanuatu
- Anguilla
- Barbados
- Djibouti
- Dominica
- Eswatini
- Ethiopia
- Guernsey
- Mongolia
- Pakistan
- Paraguay
- Pitcairn
- Portugal
- Argentina
- Australia

- Suriname
- Viet Nam
- Zimbabwe
- Indonesia
- Lithuania
- Mauritius
- Nicaragua
- Singapore
- Costa Rica
- Guadeloupe
- Kazakhstan
- Kyrgyzstan
- Luxembourg
- Mozambique
- San Marino
- Seychelles
- Tajikistan
- Uzbekistan
- Philippines
- Puerto Rico
- Saint Lucia
- South Sudan
- Switzerland
- Sierra Leone
- South Africa
- Turkmenistan
- Åland Islands
- Bouvet Island
- New Caledonia
- Taiwan, China

- Gibraltar
- Greenland
- Guatemala
- Sri Lanka
- Antarctica
- Azerbaijan
- Bangladesh
- Cabo Verde
- Madagascar
- Martinique
- Mauritania
- Montenegro
- Montserrat
- Afghanistan
- El Salvador
- Isle of Man
- Netherlands
- New Zealand
- Timor-Leste
- Burkina Faso
- Cook Islands
- Saint Helena
- Saudi Arabia
- Côte d'Ivoire
- Faroe Islands
- French Guiana
- Guinea-Bissau
- Liechtenstein
- Western Sahara
- North Macedonia

- American Samoa
- Cayman Islands
- Norfolk Island
- Marshall Islands
- Papua New Guinea
- Saint Barthélemy
- Brunei Darussalam
- Equatorial Guinea
- Republic of Moldova
- Trinidad and Tobago
- Bosnia & Herzegovina
- Hong Kong SAR, China
- Syrian Arab Republic
- Central African Republic
- Northern Mariana Islands
- Turks and Caicos Islands
- United States of America
- Saint Pierre and Miquelon
- French Southern Territories
- United Republic of Tanzania
- United States Virgin Islands
- British Indian Ocean Territory
- Svalbard and Jan Mayen Islands
- Saint Vincent and the Grenadines
- Heard Island and McDonald Islands
- Venezuela (Bolivarian Republic of)
- United States Minor Outlying Islands
- Democratic People's Republic of Korea
- Solomon Islands
- Christmas Island
- French Polynesia
- Republic of Korea
- Dominican Republic
- Russian Federation
- State of Palestine
- Antigua and Barbuda
- United Arab Emirates
- Saint Kitts and Nevis
- Sao Tome and Principe
- British Virgin Islands
- Cocos (Keeling) Islands
- Sint Maarten (Dutch part)
- Wallis and Futuna Islands
- Iran (Islamic Republic of)
- Saint Martin (French part)
- Falkland Islands (Malvinas)
- Bolivia (Plurinational State of)
- Bonaire, Sint Eustatius and Saba
- Democratic Republic of the Congo
- Lao People's Democratic Republic
- Micronesia (Federated States of)
- China, Macao Special Administrative Region
- South Georgia and the South Sandwich Islands
- United Kingdom of Great Britain and Northern Ireland
- Thailand

(3.6.1.7) Mining project ID

Select all that apply

- Project 1
- Project 2
- Project 3
- Project 4
- Project 5
- Project 11
- Project 12
- Project 13
- Project 14
- Project 15
- Project 21
- Project 22
- Project 23
- Project 24
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- Project 50
- Project 56
- Project 57
- Project 58
- Project 59

- Project 55
- Project 61
- Project 62
- Project 63
- Project 64
- Project 65
- All disclosed mining projects
- Project 60
- Project 66
- Project 67
- Project 68
- Project 69
- Project 70

(3.6.1.8) Organization specific description

Food waste is an considered a material environmental impact for retail business like CP ALL According to the Pollution Control Department in 2017 organic waste in municipal waste stream accounted for 64 of the countrys garbage Part of which is from private sector In 2022 CP ALLs food waste have been analyzed and found that there are 8 groups of the significant waste which are Plants vegetables and fruits Meat and seafood Dairy product Ready to Eat RTE Beverage Processed food Bakery products and others The highest volume was Plants vegetables and fruits group at 2130413 tons or 3308 of total food waste CP ALL realizes our role in reducing the food waste in operation which does not only cuts the emission from waste treatment but also saves cost for our company and improves our reputation in terms of food waste

(3.6.1.9) Primary financial effect of the opportunity

Select from:

- Reduced direct costs
- Increased access to capital
- Increased value of fixed assets
- Reduced indirect (operating) costs
- Increased diversification of financial assets
- Increased revenues resulting from increased demand for products and services
- Increased revenue resulting from direct payments from downstream companies
- Other, please specify
- Increased revenue resulting from price premiums
- Returns on investment in low-emission technology
- Increased access to capital at lower/more favorable rates
- Increased revenues through access to new and emerging markets
- Increased revenues resulting from increased production capacity

(3.6.1.10) Time horizon over which the opportunity is anticipated to have a substantive effect on the organization

Select all that apply

- Short-term

- Medium-term
- Long-term
- The opportunity has already had a substantive effect on our organization in the reporting year

(3.6.1.11) Likelihood of the opportunity having an effect within the anticipated time horizon

Select from:

- | | |
|--|--|
| <input type="checkbox"/> Unknown | <input type="checkbox"/> Virtually certain (99–100%) |
| <input type="checkbox"/> Unlikely (0–33%) | <input type="checkbox"/> Exceptionally unlikely (0–1%) |
| <input type="checkbox"/> Likely (66–100%) | <input type="checkbox"/> More likely than not (50–100%) |
| <input type="checkbox"/> Very unlikely (0–10%) | <input type="checkbox"/> About as likely as not (33–66%) |
| <input type="checkbox"/> Very likely (90–100%) | |

(3.6.1.12) Magnitude

Select from:

- | | |
|-------------------------------------|---|
| <input type="checkbox"/> Low | <input checked="" type="checkbox"/> Medium-high |
| <input type="checkbox"/> High | |
| <input type="checkbox"/> Medium | |
| <input type="checkbox"/> Unknown | |
| <input type="checkbox"/> Medium-low | |

(3.6.1.13) Effect of the opportunity on the financial position, financial performance and cash flows of the organization in the reporting period

Rich text input [must be under 2500 characters]

(3.6.1.14) Anticipated effect of the opportunity on the financial position, financial performance and cash flows of the organization in the selected future time horizons

Rich text input [must be under 2500 characters]

(3.6.1.15) Are you able to quantify the financial effects of the opportunity?

Select from:

Yes

No

(3.6.1.16) Financial effect figure in the reporting year (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.17) Anticipated financial effect figure in the short-term - minimum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.18) Anticipated financial effect figure in the short-term – maximum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.19) Anticipated financial effect figure in the medium-term - minimum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.20) Anticipated financial effect figure in the medium-term - maximum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.21) Anticipated financial effect figure in the long-term - minimum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.22) Anticipated financial effect figure in the long-term – maximum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.23) Explanation of financial effect figures

Rich text input [must be under 2500 characters]

(3.6.1.24) Cost to realize opportunity

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.25) Explanation of cost calculation

Revenue generations from turning waste into soil conditioner and feed are considered in our initial financial impact estimation The reported figure is calculated based on the weight of food waste sold to be repurposed into soil conditioner and feed in 2022 This is multiplied by the general price of raw material of soil conditioner and feed at 1000 THBton respectively The result is 16247910 THB of annual revenue generation for CP ALL

(3.6.1.26) Strategy to realize opportunity

As part of 7 Go Green Strategy under Green store substrategy In 2020 CP ALL issued its first Food Loss and Waste Management Policy CP ALLs two strategic action areas to tackle food waste issue are 1 to measure and analyze the waste proportions and 2 to reduce control and utilize critical waste Corporate sustainability targets was also set to have zero waste to landfill within 2030 The cost to realize this opportunity was considered none 0 THB as no additional operational expense and capital investment is required Food waste reduction is part of our normal process of operational efficiency improvement where the our existing business units are responsible for

Climate change

(3.6.1.1) Opportunity identifier

Select from:

- | | |
|--------------------------------|--------------------------------|
| <input type="checkbox"/> Opp5 | <input type="checkbox"/> Opp3 |
| <input type="checkbox"/> Opp6 | <input type="checkbox"/> Opp4 |
| <input type="checkbox"/> Opp8 | <input type="checkbox"/> Opp7 |
| <input type="checkbox"/> Opp9 | <input type="checkbox"/> Opp10 |
| <input type="checkbox"/> Opp1 | <input type="checkbox"/> Opp11 |
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- Opp100
- Opp2

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Capital flow and financing

- REDD+
- Financial reward from buyers
- Access to new financing options
- Access to sustainability linked loans
- Payment for ecosystem services (other than REDD+)
- Other capital flow and financing opportunity, please specify

Energy source

- Participation in carbon market
- Use of renewable energy sources
- Use of low-carbon energy sources
- Use of carbon capture and storage
- Shift toward decentralized energy generation
- Other energy source opportunity, please specify

Markets

- Increased brand value
- Expansion into new markets
- Stronger competitive advantage
- Improved supply chain engagement

- Use of public sector incentives
- Easier access to cheaper and/or more available credit
- Increased demand for certified and sustainable materials
- Increased availability of products with reduced environmental impact [other than certified products]
- Other markets opportunity, please specify

Products and services

- Shift in consumer preferences
- Increased security of production
- Increased value chain transparency
- Ability to diversify business activities
- Increased sales of existing products and services
- Development of new products or services through R&D and innovation
- Other products and services opportunity, please specify

Reputational capital

- Improved community relations
- Improved ratings by sustainability/ESG indexes
- Reputational benefits resulting in increased demand for products/services
- Strengthened social license to operate
- Other reputational capital opportunity, please specify

Resilience

- Shift in business model
- Improved staff retention
- Increased upstream value chain resilience
- Improved resilience to future regulatory changes
- Increased resilience to impacts of climate change
- Participation in environmental collaborative industry frameworks, initiatives and/or commitments
- Other resilience opportunity, please specify

Resource efficiency

- Cost savings
- Use of recycling
- Use of more efficient modes of transport
- Increased efficiency of production and/or distribution processes

- Regenerative production
- Use of new technologies
- Reduced water usage and consumption

- Move to more energy/resource efficient buildings
- Other resource efficiency opportunity, please specify

(3.6.1.4) Value chain stage where the opportunity occurs

Select from:

- Direct operations
- Downstream value chain
- Upstream value chain

(3.6.1.5) Country/area where the opportunity occurs

Select all that apply

- | | |
|--------------------------------|---------------------------------|
| <input type="checkbox"/> Chad | <input type="checkbox"/> Mali |
| <input type="checkbox"/> Cuba | <input type="checkbox"/> Niue |
| <input type="checkbox"/> Fiji | <input type="checkbox"/> Oman |
| <input type="checkbox"/> Guam | <input type="checkbox"/> Peru |
| <input type="checkbox"/> Iraq | <input type="checkbox"/> Togo |
| <input type="checkbox"/> Aruba | <input type="checkbox"/> Egypt |
| <input type="checkbox"/> Benin | <input type="checkbox"/> Gabon |
| <input type="checkbox"/> Chile | <input type="checkbox"/> Ghana |
| <input type="checkbox"/> China | <input type="checkbox"/> Haiti |
| <input type="checkbox"/> Congo | <input type="checkbox"/> India |
| <input type="checkbox"/> Italy | <input type="checkbox"/> Nauru |
| <input type="checkbox"/> Japan | <input type="checkbox"/> Nepal |
| <input type="checkbox"/> Kenya | <input type="checkbox"/> Niger |
| <input type="checkbox"/> Libya | <input type="checkbox"/> Palau |
| <input type="checkbox"/> Malta | <input type="checkbox"/> Qatar |
| <input type="checkbox"/> Samoa | <input type="checkbox"/> Angola |

- Spain
- Sudan
- Tonga
- Yemen
- Cyprus
- France
- Gambia
- Greece
- Guinea
- Latvia
- Malawi
- Mexico
- Monaco
- Norway
- Turkey
- Tuvalu
- Uganda
- Zambia
- Albania
- Bahrain
- Belarus
- Belgium
- Bermuda
- Burundi
- Ecuador
- Eritrea
- Estonia
- Finland
- Georgia
- Jamaica

- Belize
- Bhutan
- Brazil
- Canada
- Guyana
- Israel
- Jersey
- Jordan
- Kuwait
- Panama
- Poland
- Rwanda
- Serbia
- Sweden
- Algeria
- Andorra
- Armenia
- Austria
- Bahamas
- Comoros
- Croatia
- Curaçao
- Czechia
- Denmark
- Germany
- Grenada
- Hungary
- Iceland
- Ireland
- Morocco

- Lebanon
- Lesotho
- Liberia
- Mayotte
- Romania
- Senegal
- Somalia
- Tokelau
- Tunisia
- Botswana
- Bulgaria
- Cambodia
- Cameroon
- Colombia
- Holy See
- Honduras
- Kiribati
- Malaysia
- Maldives
- Slovakia
- Slovenia
- Suriname
- Viet Nam
- Zimbabwe
- Indonesia
- Lithuania
- Mauritius
- Nicaragua
- Singapore
- Costa Rica

- Myanmar
- Namibia
- Nigeria
- Réunion
- Ukraine
- Uruguay
- Vanuatu
- Anguilla
- Barbados
- Djibouti
- Dominica
- Eswatini
- Ethiopia
- Guernsey
- Mongolia
- Pakistan
- Paraguay
- Pitcairn
- Portugal
- Argentina
- Australia
- Gibraltar
- Greenland
- Guatemala
- Sri Lanka
- Antarctica
- Azerbaijan
- Bangladesh
- Cabo Verde
- Madagascar

- Guadeloupe
- Kazakhstan
- Kyrgyzstan
- Luxembourg
- Mozambique
- San Marino
- Seychelles
- Tajikistan
- Uzbekistan
- Philippines
- Puerto Rico
- Saint Lucia
- South Sudan
- Switzerland
- Sierra Leone
- South Africa
- Turkmenistan
- Åland Islands
- Bouvet Island
- New Caledonia
- Taiwan, China
- American Samoa
- Cayman Islands
- Norfolk Island
- Marshall Islands
- Papua New Guinea
- Saint Barthélemy
- Brunei Darussalam
- Equatorial Guinea
- Republic of Moldova

- Martinique
- Mauritania
- Montenegro
- Montserrat
- Afghanistan
- El Salvador
- Isle of Man
- Netherlands
- New Zealand
- Timor-Leste
- Burkina Faso
- Cook Islands
- Saint Helena
- Saudi Arabia
- Côte d'Ivoire
- Faroe Islands
- French Guiana
- Guinea-Bissau
- Liechtenstein
- Western Sahara
- North Macedonia
- Solomon Islands
- Christmas Island
- French Polynesia
- Republic of Korea
- Dominican Republic
- Russian Federation
- State of Palestine
- Antigua and Barbuda
- United Arab Emirates

- Trinidad and Tobago
- Bosnia & Herzegovina
- Hong Kong SAR, China
- Syrian Arab Republic
- Central African Republic
- Northern Mariana Islands
- Turks and Caicos Islands
- United States of America
- Saint Pierre and Miquelon
- French Southern Territories
- United Republic of Tanzania
- United States Virgin Islands
- British Indian Ocean Territory
- Svalbard and Jan Mayen Islands
- Saint Vincent and the Grenadines
- Heard Island and McDonald Islands
- Venezuela (Bolivarian Republic of)
- United States Minor Outlying Islands
- Democratic People's Republic of Korea
- Saint Kitts and Nevis
- Sao Tome and Principe
- British Virgin Islands
- Cocos (Keeling) Islands
- Sint Maarten (Dutch part)
- Wallis and Futuna Islands
- Iran (Islamic Republic of)
- Saint Martin (French part)
- Falkland Islands (Malvinas)
- Bolivia (Plurinational State of)
- Bonaire, Sint Eustatius and Saba
- Democratic Republic of the Congo
- Lao People's Democratic Republic
- Micronesia (Federated States of)
- China, Macao Special Administrative Region
- South Georgia and the South Sandwich Islands
- United Kingdom of Great Britain and Northern Ireland
- Thailand

(3.6.1.7) Mining project ID

Select all that apply

- Project 1
- Project 2
- Project 3
- Project 4
- Project 5
- Project 11
- Project 12
- Project 6
- Project 7
- Project 8
- Project 9
- Project 10
- Project 16
- Project 17

- Project 13
- Project 14
- Project 15
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- Project 42
- Project 43
- Project 44
- Project 45
- Project 51
- Project 52
- Project 53
- Project 54
- Project 55
- Project 61
- Project 62
- Project 63
- Project 64
- Project 65
- All disclosed mining projects

- Project 18
- Project 19
- Project 20
- Project 26
- Project 27
- Project 28
- Project 29
- Project 30
- Project 36
- Project 37
- Project 38
- Project 39
- Project 40
- Project 46
- Project 47
- Project 48
- Project 49
- Project 50
- Project 56
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- Project 59
- Project 60
- Project 66
- Project 67
- Project 68
- Project 69
- Project 70

(3.6.1.8) Organization specific description

As the majority of CP ALLs GHG emission is from Scope 2 around 99 accounted by electricity consumption improving energy efficiency on our facilities has direct benefits on lower electricity use which translates into lower cost of energy and GHG emission Proactively moving towards energy efficient building also keeps CP ALL secured from energy and GHG regulations and legislations that may arise in the future Furthermore it also provides positive impression to customers when they visited our flagship stores This opportunity is available for 7Eleven stores and Makro branches across country

(3.6.1.9) Primary financial effect of the opportunity

Select from:

- | | |
|---|---|
| <input type="checkbox"/> Reduced direct costs | <input type="checkbox"/> Returns on investment in low-emission technology |
| <input type="checkbox"/> Increased access to capital | <input type="checkbox"/> Increased access to capital at lower/more favorable rates |
| <input type="checkbox"/> Increased value of fixed assets | <input type="checkbox"/> Increased revenues through access to new and emerging markets |
| <input type="checkbox"/> Increased diversification of financial assets | <input type="checkbox"/> Increased revenues resulting from increased production capacity |
| <input type="checkbox"/> Increased revenue resulting from price premiums | <input type="checkbox"/> Increased revenues resulting from increased demand for products and services |
| <input type="checkbox"/> Increased revenue resulting from direct payments from downstream companies | |
| <input checked="" type="checkbox"/> Reduced indirect (operating) costs | |
| <input type="checkbox"/> Other, please specify | |

(3.6.1.10) Time horizon over which the opportunity is anticipated to have a substantive effect on the organization

Select all that apply

- Short-term
- Medium-term
- Long-term
- The opportunity has already had a substantive effect on our organization in the reporting year

(3.6.1.11) Likelihood of the opportunity having an effect within the anticipated time horizon

Select from:

- | | |
|---|---|
| <input type="checkbox"/> Unknown | <input type="checkbox"/> Exceptionally unlikely (0–1%) |
| <input type="checkbox"/> Unlikely (0–33%) | <input type="checkbox"/> More likely than not (50–100%) |

- Likely (66–100%)
- Very unlikely (0–10%)
- Virtually certain (99–100%)

- About as likely as not (33–66%)
- Very likely (90–100%)

(3.6.1.12) Magnitude

Select from:

- Low
- High
- Medium
- Unknown
- Medium-low
- Medium-high

(3.6.1.13) Effect of the opportunity on the financial position, financial performance and cash flows of the organization in the reporting period

Rich text input [must be under 2500 characters]

(3.6.1.14) Anticipated effect of the opportunity on the financial position, financial performance and cash flows of the organization in the selected future time horizons

Rich text input [must be under 2500 characters]

(3.6.1.15) Are you able to quantify the financial effects of the opportunity?

Select from:

- Yes
- No

(3.6.1.16) Financial effect figure in the reporting year (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.17) Anticipated financial effect figure in the short-term - minimum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.18) Anticipated financial effect figure in the short-term – maximum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.19) Anticipated financial effect figure in the medium-term - minimum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.20) Anticipated financial effect figure in the medium-term - maximum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.21) Anticipated financial effect figure in the long-term - minimum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.22) Anticipated financial effect figure in the long-term – maximum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.23) Explanation of financial effect figures

Energy cost saving is the main financial benefit received from moving toward more efficient buildings The impact figure is estimated from the sum of annual electricity saving kWh from all initiatives in Green Store and Green Logistic substrategy multiplied by cost of electricity per unit THBkWh in 2022 resulted in 768706015 THB Such initiatives are for example Efficiency improvement of cooling coils for large cooling vaults project Inverter Air Conditioner Project LED Light Bulb Project and InStore Climate Monitoring Project The lifetimes of these initiatives range from 6 to 10 years thus providing more financial benefit than its cost

(3.6.1.24) Cost to realize opportunity

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.25) Explanation of cost calculation

Rich text input [must be under 2500 characters]

(3.6.1.26) Strategy to realize opportunity

CP ALL continuously improves building energy efficiency through Green Store and Green Logistic substrategy These involve various activities eg efficiency improvement of HVAC system and lighting eg Efficiency improvement of cooling coils for large cooling vaults project Inverter Air Conditioner Project LED Light Bulb Project and InStore Climate Monitoring Project Moreover some of our flagship stores eg Tara Square and Tara Pattaya 7Eleven Store was also built in compliance to Thais Rating of Energy and Environmental Sustainability TREES PLATINUM Level which is also known as Green Building Standard Learnings from such pilot facilities will subsequently be applied in other locations The cost to realize this opportunity is estimated based on the sum of lifetime investment cost of all initiatives under Green Store and Green Logistic substrategy implemented in 2022 495732708 THB and 19996000 THB respectively

Climate change

(3.6.1.1) Opportunity identifier

Select from:

- | | |
|--------------------------------|--------------------------------|
| <input type="checkbox"/> Opp5 | <input type="checkbox"/> Opp3 |
| <input type="checkbox"/> Opp6 | <input type="checkbox"/> Opp4 |
| <input type="checkbox"/> Opp8 | <input type="checkbox"/> Opp2 |
| <input type="checkbox"/> Opp9 | <input type="checkbox"/> Opp7 |
| <input type="checkbox"/> Opp1 | <input type="checkbox"/> Opp10 |
| <input type="checkbox"/> Opp11 | <input type="checkbox"/> Opp16 |
| <input type="checkbox"/> Opp12 | <input type="checkbox"/> Opp17 |
| <input type="checkbox"/> Opp13 | <input type="checkbox"/> Opp18 |
| <input type="checkbox"/> Opp14 | <input type="checkbox"/> Opp19 |
| <input type="checkbox"/> Opp15 | <input type="checkbox"/> Opp20 |
| <input type="checkbox"/> Opp21 | <input type="checkbox"/> Opp26 |
| <input type="checkbox"/> Opp22 | <input type="checkbox"/> Opp27 |
| <input type="checkbox"/> Opp23 | <input type="checkbox"/> Opp28 |
| <input type="checkbox"/> Opp24 | <input type="checkbox"/> Opp29 |
| <input type="checkbox"/> Opp25 | <input type="checkbox"/> Opp30 |
| <input type="checkbox"/> Opp31 | <input type="checkbox"/> Opp36 |
| <input type="checkbox"/> Opp32 | <input type="checkbox"/> Opp37 |

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- Opp93
- Opp94
- Opp95

- Opp98
- Opp99
- Opp100

(3.6.1.3) Opportunity type and primary environmental opportunity driver

Capital flow and financing

- REDD+
- Financial reward from buyers
- Access to new financing options
- Access to sustainability linked loans
- Payment for ecosystem services (other than REDD+)
- Other capital flow and financing opportunity, please specify

Energy source

- Participation in carbon market
- Use of renewable energy sources
- Use of low-carbon energy sources
- Use of carbon capture and storage
- Shift toward decentralized energy generation
- Other energy source opportunity, please specify

Markets

- Increased brand value
- Expansion into new markets
- Stronger competitive advantage
- Improved supply chain engagement
- Use of public sector incentives
- Easier access to cheaper and/or more available credit
- Increased demand for certified and sustainable materials
- Increased availability of products with reduced environmental impact [other than certified products]
- Other markets opportunity, please specify

Products and services

- Shift in consumer preferences
- Increased security of production
- Increased value chain transparency
- Ability to diversify business activities
- Increased sales of existing products and services
- Development of new products or services through R&D and innovation
- Other products and services opportunity, please specify

Reputational capital

- Improved community relations
- Improved ratings by sustainability/ESG indexes
- Reputational benefits resulting in increased demand for products/services
- Strengthened social license to operate
- Other reputational capital opportunity, please specify

Resilience

- Shift in business model
- Improved staff retention
- Increased upstream value chain resilience
- Improved resilience to future regulatory changes
- Increased resilience to impacts of climate change
- Participation in environmental collaborative industry frameworks, initiatives and/or commitments
- Other resilience opportunity, please specify

Resource efficiency

- Cost savings
- Use of recycling
- Regenerative production
- Use of new technologies
- Reduced water usage and consumption
- Use of more efficient modes of transport
- Move to more energy/resource efficient buildings
- Increased efficiency of production and/or distribution processes
- Other resource efficiency opportunity, please specify

(3.6.1.4) Value chain stage where the opportunity occurs

Select from:

- Direct operations
- Downstream value chain
- Upstream value chain

(3.6.1.5) Country/area where the opportunity occurs

Select all that apply

- | | |
|---------------------------------|---------------------------------|
| <input type="checkbox"/> Chad | <input type="checkbox"/> Mali |
| <input type="checkbox"/> Cuba | <input type="checkbox"/> Niue |
| <input type="checkbox"/> Fiji | <input type="checkbox"/> Oman |
| <input type="checkbox"/> Guam | <input type="checkbox"/> Peru |
| <input type="checkbox"/> Iraq | <input type="checkbox"/> Togo |
| <input type="checkbox"/> Aruba | <input type="checkbox"/> Egypt |
| <input type="checkbox"/> Benin | <input type="checkbox"/> Gabon |
| <input type="checkbox"/> Chile | <input type="checkbox"/> Ghana |
| <input type="checkbox"/> China | <input type="checkbox"/> Haiti |
| <input type="checkbox"/> Congo | <input type="checkbox"/> India |
| <input type="checkbox"/> Italy | <input type="checkbox"/> Nauru |
| <input type="checkbox"/> Japan | <input type="checkbox"/> Nepal |
| <input type="checkbox"/> Kenya | <input type="checkbox"/> Niger |
| <input type="checkbox"/> Libya | <input type="checkbox"/> Palau |
| <input type="checkbox"/> Malta | <input type="checkbox"/> Qatar |
| <input type="checkbox"/> Samoa | <input type="checkbox"/> Angola |
| <input type="checkbox"/> Spain | <input type="checkbox"/> Belize |
| <input type="checkbox"/> Sudan | <input type="checkbox"/> Bhutan |
| <input type="checkbox"/> Tonga | <input type="checkbox"/> Brazil |
| <input type="checkbox"/> Yemen | <input type="checkbox"/> Canada |
| <input type="checkbox"/> Cyprus | <input type="checkbox"/> Guyana |
| <input type="checkbox"/> France | <input type="checkbox"/> Israel |
| <input type="checkbox"/> Gambia | <input type="checkbox"/> Jersey |

- Greece
- Guinea
- Latvia
- Malawi
- Mexico
- Monaco
- Norway
- Turkey
- Tuvalu
- Uganda
- Zambia
- Albania
- Bahrain
- Belarus
- Belgium
- Bermuda
- Burundi
- Ecuador
- Eritrea
- Estonia
- Finland
- Georgia
- Jamaica
- Lebanon
- Lesotho
- Liberia
- Mayotte
- Romania
- Senegal
- Somalia

- Jordan
- Kuwait
- Panama
- Poland
- Rwanda
- Serbia
- Sweden
- Algeria
- Andorra
- Armenia
- Austria
- Bahamas
- Comoros
- Croatia
- Curaçao
- Czechia
- Denmark
- Germany
- Grenada
- Hungary
- Iceland
- Ireland
- Morocco
- Myanmar
- Namibia
- Nigeria
- Réunion
- Ukraine
- Uruguay
- Vanuatu

- Tokelau
- Tunisia
- Botswana
- Bulgaria
- Cambodia
- Cameroon
- Colombia
- Holy See
- Honduras
- Kiribati
- Malaysia
- Maldives
- Slovakia
- Slovenia
- Suriname
- Viet Nam
- Zimbabwe
- Guatemala
- Indonesia
- Lithuania
- Mauritius
- Nicaragua
- Cabo Verde
- Costa Rica
- Guadeloupe
- Kazakhstan
- Kyrgyzstan
- Montserrat
- Mozambique
- San Marino

- Anguilla
- Barbados
- Djibouti
- Dominica
- Eswatini
- Ethiopia
- Guernsey
- Mongolia
- Pakistan
- Paraguay
- Pitcairn
- Portugal
- Thailand
- Argentina
- Australia
- Gibraltar
- Greenland
- Singapore
- Sri Lanka
- Antarctica
- Azerbaijan
- Bangladesh
- Luxembourg
- Madagascar
- Martinique
- Mauritania
- Montenegro
- Uzbekistan
- Afghanistan
- El Salvador

- Seychelles
- Tajikistan
- New Zealand
- Philippines
- Puerto Rico
- Saint Lucia
- South Sudan
- Saudi Arabia
- Sierra Leone
- South Africa
- Turkmenistan
- Åland Islands
- Liechtenstein
- New Caledonia
- Taiwan, China
- American Samoa
- Cayman Islands
- French Polynesia
- Marshall Islands
- Papua New Guinea
- Saint Barthélemy
- Brunei Darussalam
- Antigua and Barbuda
- Republic of Moldova
- Trinidad and Tobago
- Bosnia & Herzegovina
- Hong Kong SAR, China
- Cocos (Keeling) Islands
- Central African Republic
- Northern Mariana Islands

- Isle of Man
- Netherlands
- Switzerland
- Timor-Leste
- Burkina Faso
- Cook Islands
- Saint Helena
- Bouvet Island
- Côte d'Ivoire
- Faroe Islands
- French Guiana
- Guinea-Bissau
- Norfolk Island
- Western Sahara
- North Macedonia
- Solomon Islands
- Christmas Island
- Equatorial Guinea
- Republic of Korea
- Dominican Republic
- Russian Federation
- State of Palestine
- Syrian Arab Republic
- United Arab Emirates
- Saint Kitts and Nevis
- Sao Tome and Principe
- British Virgin Islands
- Saint Pierre and Miquelon
- Sint Maarten (Dutch part)
- Wallis and Futuna Islands

- Turks and Caicos Islands
- United States of America
- Falkland Islands (Malvinas)
- French Southern Territories
- United Republic of Tanzania
- United States Virgin Islands
- British Indian Ocean Territory
- Micronesia (Federated States of)
- Saint Vincent and the Grenadines
- Heard Island and McDonald Islands
- Venezuela (Bolivarian Republic of)
- United States Minor Outlying Islands

- Iran (Islamic Republic of)
- Saint Martin (French part)
- Svalbard and Jan Mayen Islands
- Bolivia (Plurinational State of)
- Bonaire, Sint Eustatius and Saba
- Democratic Republic of the Congo
- Lao People's Democratic Republic
- Democratic People's Republic of Korea
- China, Macao Special Administrative Region
- South Georgia and the South Sandwich Islands
- United Kingdom of Great Britain and Northern Ireland

(3.6.1.7) Mining project ID

Select all that apply

- Project 1
- Project 2
- Project 3
- Project 4
- Project 5
- Project 11
- Project 12
- Project 13
- Project 14
- Project 15
- Project 21
- Project 22
- Project 23
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- Project 53
- Project 54
- Project 55
- Project 61
- Project 62
- Project 63
- Project 64
- Project 65
- All disclosed mining projects

- Project 30
- Project 36
- Project 37
- Project 38
- Project 39
- Project 40
- Project 46
- Project 47
- Project 48
- Project 49
- Project 50
- Project 56
- Project 57
- Project 58
- Project 59
- Project 60
- Project 66
- Project 67
- Project 68
- Project 69
- Project 70

(3.6.1.8) Organization specific description

Rich text input [must be under 1500 characters]

(3.6.1.9) Primary financial effect of the opportunity

Select from:

- Reduced direct costs
- Increased revenue resulting from price premiums

- Increased access to capital
- Increased value of fixed assets
- Reduced indirect (operating) costs
- Increased diversification of financial assets
- Increased revenues resulting from increased demand for products and services
- Increased revenue resulting from direct payments from downstream companies
- Other, please specify
- Returns on investment in low-emission technology
- Increased access to capital at lower/more favorable rates
- Increased revenues through access to new and emerging markets
- Increased revenues resulting from increased production capacity

(3.6.1.10) Time horizon over which the opportunity is anticipated to have a substantive effect on the organization

Select all that apply

- Short-term
- Medium-term
- Long-term
- The opportunity has already had a substantive effect on our organization in the reporting year

(3.6.1.11) Likelihood of the opportunity having an effect within the anticipated time horizon

Select from:

- Unknown
- Unlikely (0–33%)
- Likely (66–100%)
- Very unlikely (0–10%)
- Very likely (90–100%)
- Virtually certain (99–100%)
- Exceptionally unlikely (0–1%)
- More likely than not (50–100%)
- About as likely as not (33–66%)

(3.6.1.12) Magnitude

Select from:

- Low
- High
- Medium
- Unknown
- Medium-high

Medium-low

(3.6.1.13) Effect of the opportunity on the financial position, financial performance and cash flows of the organization in the reporting period

Rich text input [must be under 2500 characters]

(3.6.1.14) Anticipated effect of the opportunity on the financial position, financial performance and cash flows of the organization in the selected future time horizons

Rich text input [must be under 2500 characters]

(3.6.1.15) Are you able to quantify the financial effects of the opportunity?

Select from:

Yes

No

(3.6.1.16) Financial effect figure in the reporting year (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.17) Anticipated financial effect figure in the short-term - minimum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.18) Anticipated financial effect figure in the short-term – maximum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.19) Anticipated financial effect figure in the medium-term - minimum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.20) Anticipated financial effect figure in the medium-term - maximum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.21) Anticipated financial effect figure in the long-term - minimum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.22) Anticipated financial effect figure in the long-term – maximum (currency)

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.23) Explanation of financial effect figures

Rich text input [must be under 2500 characters]

(3.6.1.24) Cost to realize opportunity

Numeric input [must be between [0 - 999999999999999]]

(3.6.1.25) Explanation of cost calculation

Rich text input [must be under 2500 characters]

(3.6.1.26) Strategy to realize opportunity

Rich text input [must be under 2500 characters]

[Add row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none">• Water• Biodiversity• Climate Change• Forests	<ul style="list-style-type: none">• Financial services• Oil & Gas• Coal• General• Capital goods• Transport OEMS - EPM	<ul style="list-style-type: none">• ESRS 2• TCFD Strategy A• CEO WM Implications: Business opportunities• IFRS S2 13• TCFD Strategy B• ESRS E2

Environmental Issue	Questionnaire sector	Framework Alignment
	<ul style="list-style-type: none"> • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Biodiversity - Mines • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • CEO WM Implications: Business risks • IFRS S2 21 • IFRS S2 15 • IFRS S2 10 • TNFD Strategy A • ESRS E4 • TNFD Metrics & targets A • TNFD Strategy B • ESRS E1 • IFRS S2 17 • IFRS S2 16 • ESRS E3

(3.6.2) Provide the amount and proportion of your financial metrics in the reporting year that are aligned with the substantive effects of environmental opportunities.

Climate change

(3.6.2.1) Financial metric

Select from:

- Assets
- Revenue
- CAPEX
- OPEX
- Other, please specify

(3.6.2.2) Amount of financial metric aligned with opportunities for this environmental issue (unit currency as selected in 1.2)

Numeric input [must be between [0 - 999999999999999]]

(3.6.2.3) % of total financial metric aligned with opportunities for this environmental issue

Select from:

- | | |
|---------------------------------------|---------------------------------|
| <input type="checkbox"/> 100% | <input type="checkbox"/> 41-50% |
| <input type="checkbox"/> 1-10% | <input type="checkbox"/> 51-60% |
| <input type="checkbox"/> 11-20% | <input type="checkbox"/> 61-70% |
| <input type="checkbox"/> 21-30% | <input type="checkbox"/> 71-80% |
| <input type="checkbox"/> 31-40% | <input type="checkbox"/> 81-90% |
| <input type="checkbox"/> 91-99% | |
| <input type="checkbox"/> Less than 1% | |

(3.6.2.4) Explanation of financial figures

Rich text input [must be under 2500 characters]

[Add row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Climate Change • Forests 	<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services 	<ul style="list-style-type: none"> • IFRS S2 29

Environmental Issue	Questionnaire sector	Framework Alignment
	<ul style="list-style-type: none"> • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	

C4. Governance

(4.1) Does your organization have a board of directors or an equivalent governing body?

(4.1.1) Board of directors or equivalent governing body

Select from:

Yes

No

(4.1.2) Frequency with which the board or equivalent meets

Select from:

Annually

Half-yearly

Quarterly

As important matters arise

Less frequently than annually

More frequently than quarterly

(4.1.3) Types of directors your board or equivalent is comprised of

Select all that apply

Executive directors or equivalent

Non-executive directors or equivalent

Independent non-executive directors or equivalent

(4.1.4) Board diversity and inclusion policy

Select from:

Yes, and it is publicly available

Yes, but it is not publicly available

No

(4.1.5) Briefly describe what the policy covers

The Board of Directors plays an important role in driving the organization The Board of Directors has the role and responsibilities in overseeing the Companys business to be in accordance with the objectives and goals which will create maximum benefits for the Company based on corporate social responsibility concern for the environment fairness to all stakeholders in compliance with the Companys corporate governance policy and anticorruption policy laws the Companys Articles of Association Board resolutions and resolutions of the shareholders meetings The Board of Directors shall perform their duties to the best of their abilities honestly ethically prudently and responsibly to shareholders

(4.1.6) Attach the policy (optional)

CPALL_BOD-charter_Eng.pdf
[Fixed row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none">• Water• Biodiversity• Climate Change• Forests	<ul style="list-style-type: none">• Financial services• Oil & Gas• Coal• General• Capital goods• Transport OEMS - EPM• Chemicals• Metals & mining• Transport services• Steel• Agricultural commodities• Electric utilities• Transport OEMS• Cement• Food, beverage & tobacco	<ul style="list-style-type: none">• ESRS 2

Environmental Issue	Questionnaire sector	Framework Alignment
	<ul style="list-style-type: none"> • Paper & forestry • Real estate • Construction 	

(4.1.1) Is there board-level oversight of environmental issues within your organization?

	Board-level oversight of this environmental issue	Primary reason for no board-level oversight of this environmental issue	Explain why your organization does not have board-level oversight of this environmental issue
Climate change	<i>Select from:</i> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No, but we plan to within the next two years <input type="checkbox"/> No, and we do not plan to within the next two years	<i>Select from:</i> <input type="checkbox"/> Lack of internal resources, capabilities, or expertise (e.g., due to organization size) <input type="checkbox"/> No standardized procedure <input type="checkbox"/> Not an immediate strategic priority <input type="checkbox"/> Judged to be unimportant or not relevant <input type="checkbox"/> Other, please specify	<i>Rich text input [must be under 2500 characters]</i>
Biodiversity	<i>Select from:</i> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No, but we plan to within the next two years <input type="checkbox"/> No, and we do not plan to within the next two years	<i>Select from:</i> <input checked="" type="checkbox"/> Lack of internal resources, capabilities, or expertise (e.g., due to organization size) <input type="checkbox"/> No standardized procedure <input type="checkbox"/> Not an immediate strategic priority <input type="checkbox"/> Judged to be unimportant or not relevant <input type="checkbox"/> Other, please specify	<i>Rich text input [must be under 2500 characters]</i>

[Fixed row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Biodiversity • Climate Change • Forests 	<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • ESRS 2 • AFi Core Principle 4 • CEO WM Response: Policies, governance, and targets

(4.1.2) Identify the positions (do not include any names) of the individuals or committees on the board with accountability for environmental issues and provide details of the board’s oversight of environmental issues.

Climate change

(4.1.2.1) Positions of individuals or committees with accountability for this environmental issue

Select all that apply

President

Chief Risk Officer (CRO)

- Board chair
- General Counsel
- Director on board
- Other C-Suite Officer
- Chief Compliance Officer (CCO)
- Chief Procurement Officer (CPO)
- Chief Sustainability Officer (CSO)
- Chief Government Relations Officer (CGRO)
- Board-level committee
- Chief Executive Officer (CEO)
- Chief Financial Officer (CFO)
- Chief Operating Officer (COO)
- Chief Technology Officer (CTO)
- Other, please specify

(4.1.2.2) Positions' accountability for this environmental issue is outlined in policies applicable to the board

Select from:

- Yes
- No

(4.1.2.3) Policies which outline the positions' accountability for this environmental issue

Select all that apply

- Board Terms of Reference
- Board mandate
- Individual role descriptions
- Other policy applicable to the board, please specify

(4.1.2.4) Frequency with which this environmental issue is a scheduled agenda item

Select from:

- Scheduled agenda item in every board meeting (standing agenda item)
- Scheduled agenda item in some board meetings – at least annually
- Scheduled agenda item in some board meetings – less than annually
- Sporadic – agenda item as important matters arise

(4.1.2.5) Governance mechanisms into which this environmental issue is integrated

Select all that apply

- Reviewing and guiding annual budgets
- Overseeing and guiding scenario analysis
- Overseeing the setting of corporate targets
- Monitoring progress towards corporate targets
- Approving corporate policies and/or commitments
- Monitoring the implementation of the business strategy
- Overseeing reporting, audit, and verification processes
- Monitoring the implementation of a climate transition plan
- Overseeing and guiding the development of a business strategy
- Overseeing and guiding acquisitions, mergers, and divestitures
- Monitoring supplier compliance with organizational requirements
- Monitoring compliance with corporate policies and/or commitments
- Overseeing and guiding the development of a climate transition plan
- Reviewing and guiding the assessment process for dependencies, impacts, risks, and opportunities
- Other, please specify
- Overseeing and guiding public policy engagement
- Overseeing and guiding public policy engagement
- Reviewing and guiding innovation/R&D priorities
- Approving and/or overseeing employee incentives
- Overseeing and guiding major capital expenditures

(4.1.2.7) Please explain

Sustainability and Corporate Governance Committee is chaired by an independent director from the Board of Director The Committee members include the Chairman of Audit committee the Chairman of Remuneration and Nomination Committee and a member of Executive Committee Quarterly meetings are scheduled for the Committee in order update and discuss on sustainability performance including climate change topic and report to the Board of Director at least twice a year As an annual process the Committee reviewing and guiding annual budgets overseeing major capital expenditures guiding employee incentives reviewing and guideline climate strategy overseeing and guiding the development of a transition plan overseeing and guiding public policy engagement and reviewing and guiding the risk management process related to Climate issues

Biodiversity

(4.1.2.1) Positions of individuals or committees with accountability for this environmental issue

Select all that apply

- President
- Board chair
- General Counsel
- Director on board
- Other C-Suite Officer
- Chief Compliance Officer (CCO)
- Chief Procurement Officer (CPO)
- Chief Sustainability Officer (CSO)
- Chief Government Relations Officer (CGRO)
- Board-level committee
- Chief Risk Officer (CRO)
- Chief Executive Officer (CEO)
- Chief Financial Officer (CFO)
- Chief Operating Officer (COO)
- Chief Technology Officer (CTO)
- Other, please specify

(4.1.2.2) Positions' accountability for this environmental issue is outlined in policies applicable to the board

Select from:

- Yes
- No

(4.1.2.3) Policies which outline the positions' accountability for this environmental issue

Select all that apply

- Board Terms of Reference
- Board mandate
- Individual role descriptions
- Other policy applicable to the board, please specify

(4.1.2.4) Frequency with which this environmental issue is a scheduled agenda item

Select from:

- Scheduled agenda item in every board meeting (standing agenda item)
- Scheduled agenda item in some board meetings – at least annually
- Scheduled agenda item in some board meetings – less than annually
- Sporadic – agenda item as important matters arise

(4.1.2.5) Governance mechanisms into which this environmental issue is integrated

Select all that apply

- Reviewing and guiding annual budgets
- Overseeing and guiding scenario analysis
- Overseeing the setting of corporate targets
- Monitoring progress towards corporate targets
- Approving corporate policies and/or commitments
- Monitoring the implementation of the business strategy
- Overseeing reporting, audit, and verification processes
- Overseeing and guiding the development of a business strategy
- Overseeing and guiding acquisitions, mergers, and divestitures
- Monitoring supplier compliance with organizational requirements
- Overseeing and guiding the development of a climate transition plan
- Monitoring the implementation of a climate transition plan
- Monitoring compliance with corporate policies and/or commitments
- Reviewing and guiding the assessment process for dependencies, impacts, risks, and opportunities
- Other, please specify
- Overseeing and guiding public policy engagement
- Overseeing and guiding public policy engagement
- Reviewing and guiding innovation/R&D priorities
- Approving and/or overseeing employee incentives
- Overseeing and guiding major capital expenditures

(4.1.2.7) Please explain

Sustainability and Corporate Governance Committee is chaired by an independent director from the Board of Director The Committee members include the Chairman of Audit committee the Chairman of Remuneration and Nomination Committee and a member of Executive Committee Quarterly meetings are scheduled for the Committee in order update and discuss on sustainability performance including climate change topic and report to the Board of Director at least twice a year As an annual process the Committee reviewing and guiding annual budgets overseeing major capital expenditures guiding employee incentives reviewing and guideline climate strategy overseeing and guiding the development of a transition plan overseeing and guiding public policy engagement and reviewing and guiding the risk management process related to biodiversity issues

[Fixed row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Biodiversity 	<ul style="list-style-type: none"> • Financial services • Oil & Gas 	<ul style="list-style-type: none"> • ESRS 2 • IFRS S2 6

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Climate Change • Forests 	<ul style="list-style-type: none"> • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • AFi Core Principle 4 • TNFD Governance A • CEO WM Response: Policies, governance, and targets • TCFD Governance A

(4.2) Does your organization’s board have competency on environmental issues?

Climate change

(4.2.1) Board-level competency on this environmental issue

Select from:

- Yes
- No, but we plan to within the next two years
- No, and we do not plan to within the next two years
- Not assessed

(4.2.2) Mechanisms to maintain an environmentally competent board

Select all that apply

- Integrating knowledge of environmental issues into board nominating process
- Consulting regularly with an internal, permanent, subject-expert working group
- Engaging regularly with external stakeholders and experts on environmental issues
- Regular training for directors on environmental issues, industry best practice, and standards (e.g., TCFD, SBTi)
- Having at least one board member with expertise on this environmental issue
- Other, please specify

(4.2.3) Environmental expertise of the board member

Academic

- Undergraduate education (e.g., BSc/BA in environment and sustainability, climate science, environmental science, water resources management, environmental engineering, forestry, etc.), please specify
- Postgraduate education (e.g., MSc/MA/PhD in environment and sustainability, climate science, environmental science, water resources management, forestry, etc.), please specify

Additional training

- Course certificate (relating to environmental issues), please specify
- Training in an environmental subject by a certified organization, please specify

Experience

- Active member of an environmental committee or organization
- Experience in an academic role focused on environmental issues
- Staff-level experience in a role focused on environmental issues
- Experience in the environmental department of a government (national or local)
- Experience in an organization that is exposed to environmental-scrutiny and is going through a sustainability transition
- Executive-level experience in a role focused on environmental issues
- Management-level experience in a role focused on environmental issues

Other

Other, please specify

(4.2.4) Primary reason for no board-level competency on this environmental issue

Select from:

- Lack of internal resources, capabilities, or expertise (e.g., due to organization size)
- No standardized procedure
- Not an immediate strategic priority
- Judged to be unimportant or not relevant
- Other, please specify

(4.2.5) Explain why your organization does not have a board with competence on this environmental issue

CP ALL assess climate change competency of director based on their experience related to climate change issue CPALLs director is competence in Climate related issue as he has experience overseeing sustainability and climate of multiple listed company as director In addition he is also a chairman of Global Compact Network Thailand which is a local network for United Nation Global Compact in Thailand
[Fixed row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none">• Water• Climate Change• Forests	<ul style="list-style-type: none">• Financial services• Oil & Gas• Coal• General• Capital goods• Transport OEMS - EPM• Chemicals• Metals & mining• Transport services• Steel	<ul style="list-style-type: none">• ESRS 2• IFRS S2 6• TNFD Governance A

Environmental Issue	Questionnaire sector	Framework Alignment
	<ul style="list-style-type: none"> • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	

(4.3) Is there management-level responsibility for environmental issues within your organization?

	Management-level responsibility for this environmental issue	Primary reason for no management-level responsibility for environmental issues	Explain why your organization does not have management-level responsibility for environmental issues
Climate change	<p>Select from:</p> <p><input checked="" type="checkbox"/> Yes</p> <p><input type="checkbox"/> No, but we plan to within the next two years</p> <p><input type="checkbox"/> No, and we do not plan to within the next two years</p>	<p>Select from:</p> <p><input type="checkbox"/> Lack of internal resources, capabilities, or expertise (e.g., due to organization size)</p> <p><input type="checkbox"/> No standardized procedure</p> <p><input type="checkbox"/> Not an immediate strategic priority</p> <p><input type="checkbox"/> Judged to be unimportant or not relevant</p> <p><input type="checkbox"/> Other, please specify</p>	<p>Rich text input [must be under 2500 characters]</p>
Biodiversity	<p>Select from:</p> <p><input checked="" type="checkbox"/> Yes</p> <p><input type="checkbox"/> No, but we plan to within the next two years</p>	<p>Select from:</p> <p><input type="checkbox"/> Lack of internal resources, capabilities, or expertise (e.g., due to organization size)</p> <p><input type="checkbox"/> No standardized procedure</p> <p><input type="checkbox"/> Not an immediate strategic priority</p>	<p>Rich text input [must be under 2500 characters]</p>

	Management-level responsibility for this environmental issue	Primary reason for no management-level responsibility for environmental issues	Explain why your organization does not have management-level responsibility for environmental issues
	<input type="checkbox"/> No, and we do not plan to within the next two years	<input type="checkbox"/> Judged to be unimportant or not relevant <input type="checkbox"/> Other, please specify	

[Fixed row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Biodiversity • Climate Change • Forests 	<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • TNFD Governance B • TCFD Governance B • AFi Core Principle 4

(4.3.1) Provide the highest senior management-level positions or committees with responsibility for environmental issues (do not include the names of individuals).

Climate change

(4.3.1.1) Position of individual or committee with responsibility

Executive level

- President
- General Counsel
- Chief Risks Officer (CRO)
- Chief Financial Officer (CFO)
- Chief Operating Officer (COO)
- Chief Executive Officer (CEO)
- Other C-Suite Officer, please specify
- Chief Technology Officer (CTO)
- Chief Compliance Officer (CCO)
- Chief Procurement Officer (CPO)
- Chief Sustainability Officer (CSO)
- Chief Government Relations Officer (CGRO)

Committee

- Risk committee
- Sustainability committee
- Corporate responsibility committee
- Environmental, Social, Governance committee
- Safety, Health, Environment and Quality committee
- Other committee, please specify

Other

- Other, please specify

(4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

- Assessing environmental dependencies, impacts, risks, and opportunities
- Assessing future trends in environmental dependencies, impacts, risks, and opportunities

- Managing environmental dependencies, impacts, risks, and opportunities

Engagement

- Managing engagement in landscapes and/or jurisdictions
- Managing public policy engagement related to environmental issues
- Managing supplier compliance with environmental requirements
- Managing value chain engagement related to environmental issues

Policies, commitments, and targets

- Monitoring compliance with corporate environmental policies and/or commitments
- Measuring progress towards environmental corporate targets
- Measuring progress towards environmental science-based targets
- Setting corporate environmental policies and/or commitments
- Setting corporate environmental targets

Strategy and financial planning

- Developing a climate transition plan
- Implementing a climate transition plan
- Conducting environmental scenario analysis
- Implementing the business strategy related to environmental issues
- Developing a business strategy which considers environmental issues
- Managing environmental reporting, audit, and verification processes
- Managing acquisitions, mergers, and divestitures related to environmental issues
- Managing priorities related to innovation/low-environmental impact products or services (including R&D)
- Managing annual budgets related to environmental issues
- Managing major capital and/or operational expenditures relating to environmental issues

Other

- Providing employee incentives related to environmental performance
- Other, please specify

(4.3.1.4) Reporting line

Select from:

- Reports to the Chief Risks Officer (CRO)
- Reports to the Chief Executive Officer (CEO)
- Reports to the Chief Financial Officer (CFO)
- Reports to the Chief Operating Officer (COO)
- Reports to the Chief Sustainability Officer (CSO)
- Reports to the board directly
- Other, please specify

(4.3.1.5) Frequency of reporting to the board on environmental issues

Select from:

- Annually
- Half-yearly
- Not reported to the board
- As important matters arise
- Less frequently than annually
- More frequently than quarterly
- Quarterly

(4.3.1.6) Please explain

Chief Executive Officer CEO is responsibility for managing annual budgets for climate mitigation activities and also managing major capital and/or operational expenditures related to lowcarbon products or services including RD Overall management of CEO is reported to board directly as the quarterly to discuss and track the climate-related responsibilities of CEO This is to ensure the management of CEO is aligned with organizations climate commitments and/or climate transition plan

Biodiversity

(4.3.1.1) Position of individual or committee with responsibility

Executive level

- President
- General Counsel
- Chief Risks Officer (CRO)
- Chief Financial Officer (CFO)
- Chief Executive Officer (CEO)
- Chief Technology Officer (CTO)
- Chief Compliance Officer (CCO)
- Chief Procurement Officer (CPO)

Chief Operating Officer (COO)

Chief Government Relations Officer (CGRO)

Other C-Suite Officer, please specify

Chief Sustainability Officer (CSO)

Committee

Risk committee

Corporate responsibility committee

Environmental, Social, Governance committee

Safety, Health, Environment and Quality committee

Sustainability committee

Other committee, please specify

Other

Other, please specify

(4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

Assessing environmental dependencies, impacts, risks, and opportunities

Assessing future trends in environmental dependencies, impacts, risks, and opportunities

Managing environmental dependencies, impacts, risks, and opportunities

Engagement

Managing engagement in landscapes and/or jurisdictions

Managing public policy engagement related to environmental issues

Managing supplier compliance with environmental requirements

Managing value chain engagement related to environmental issues

Policies, commitments, and targets

Monitoring compliance with corporate environmental policies and/or commitments

Measuring progress towards environmental corporate targets

Measuring progress towards environmental science-based targets

- Setting corporate environmental policies and/or commitments
- Setting corporate environmental targets

Strategy and financial planning

- Developing a climate transition plan
- Implementing a climate transition plan
- Conducting environmental scenario analysis
- Managing annual budgets related to environmental issues
- Implementing the business strategy related to environmental issues
- Developing a business strategy which considers environmental issues
- Managing acquisitions, mergers, and divestitures related to environmental issues
- Managing major capital and/or operational expenditures relating to environmental issues
- Managing priorities related to innovation/low-environmental impact products or services (including R&D)
- Managing environmental reporting, audit, and verification processes

Other

- Providing employee incentives related to environmental performance
- Other, please specify

(4.3.1.4) Reporting line

Select from:

- Reports to the Chief Risks Officer (CRO)
- Reports to the Chief Executive Officer (CEO)
- Reports to the Chief Financial Officer (CFO)
- Reports to the Chief Operating Officer (COO)
- Reports to the Chief Sustainability Officer (CSO)
- Reports to the board directly
- Other, please specify

(4.3.1.5) Frequency of reporting to the board on environmental issues

Select from:

- Annually
- Half-yearly
- Not reported to the board
- As important matters arise
- Less frequently than annually

- More frequently than quarterly
- Quarterly

(4.3.1.6) Please explain

reviewing and guiding annual budgets overseeing major capital expenditures guiding employee incentives reviewing and guideline climate strategy overseeing and guiding the development of a transition plan overseeing and guiding public policy engagement and reviewing and guiding the risk management process related to biodiversity issues

Climate change

(4.3.1.1) Position of individual or committee with responsibility

Executive level

- President
- General Counsel
- Chief Risks Officer (CRO)
- Chief Financial Officer (CFO)
- Chief Operating Officer (COO)
- Chief Government Relations Officer (CGRO)
- Other C-Suite Officer, please specify :**Managing director**
- Chief Executive Officer (CEO)
- Chief Technology Officer (CTO)
- Chief Compliance Officer (CCO)
- Chief Procurement Officer (CPO)
- Chief Sustainability Officer (CSO)

Committee

- Risk committee
- Sustainability committee
- Corporate responsibility committee
- Environmental, Social, Governance committee
- Safety, Health, Environment and Quality committee
- Other committee, please specify

Other

- Other, please specify

(4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

- Assessing environmental dependencies, impacts, risks, and opportunities
- Assessing future trends in environmental dependencies, impacts, risks, and opportunities
- Managing environmental dependencies, impacts, risks, and opportunities

Engagement

- Managing engagement in landscapes and/or jurisdictions
- Managing public policy engagement related to environmental issues
- Managing supplier compliance with environmental requirements
- Managing value chain engagement related to environmental issues

Policies, commitments, and targets

- Monitoring compliance with corporate environmental policies and/or commitments
- Measuring progress towards environmental corporate targets
- Measuring progress towards environmental science-based targets
- Setting corporate environmental policies and/or commitments
- Setting corporate environmental targets

Strategy and financial planning

- Developing a climate transition plan
- Implementing a climate transition plan
- Conducting environmental scenario analysis
- Managing annual budgets related to environmental issues
- Implementing the business strategy related to environmental issues
- Developing a business strategy which considers environmental issues
- Managing environmental reporting, audit, and verification processes

- Managing acquisitions, mergers, and divestitures related to environmental issues
- Managing major capital and/or operational expenditures relating to environmental issues
- Managing priorities related to innovation/low-environmental impact products or services (including R&D)

Other

- Providing employee incentives related to environmental performance
- Other, please specify

(4.3.1.4) Reporting line

Select from:

- Reports to the board directly
- Reports to the Chief Risks Officer (CRO)
- Reports to the Chief Financial Officer (CFO)
- Reports to the Chief Operating Officer (COO)
- Reports to the Chief Sustainability Officer (CSO)
- Reports to the Chief Executive Officer (CEO)
- Other, please specify

(4.3.1.5) Frequency of reporting to the board on environmental issues

Select from:

- Annually
- Half-yearly
- Not reported to the board
- As important matters arise
- Less frequently than annually
- More frequently than quarterly
- Quarterly

(4.3.1.6) Please explain

Managing director is responsible for monitoring progress against climaterelated corporate targets managing public policy engagement on climaterealted issues and managing climaterelated risks and opportunities The managing director also oversights the SVP Corporate Asset and Facilities Management CAFM who resonsponsible for driving innovative energy management at stores and increasing proportion of renewable energy in energy proffolio and lead energy conservation committee The committee manages energy reduction and efficiency performance of organization Managing director supervises Assistant Vice President Social and

Environmental Management who responsible for driving innovative GHG emission management and lead 7 Go Green committee The committee manages the implementation of organizations climate commitments which is Carbon Neutral by 2030 and Net Zero GHG Emissions by 2050

Climate change

(4.3.1.1) Position of individual or committee with responsibility

Executive level

- President
- General Counsel
- Chief Risks Officer (CRO)
- Chief Financial Officer (CFO)
- Chief Operating Officer (COO)
- Chief Government Relations Officer (CGRO)
- Other C-Suite Officer, please specify
- Chief Executive Officer (CEO)
- Chief Technology Officer (CTO)
- Chief Compliance Officer (CCO)
- Chief Procurement Officer (CPO)
- Chief Sustainability Officer (CSO)

Committee

- Risk committee
- Corporate responsibility committee
- Environmental, Social, Governance committee
- Safety, Health, Environment and Quality committee
- Sustainability committee
- Other committee, please specify

Other

- Other, please specify

(4.3.1.2) Environmental responsibilities of this position

Dependencies, impacts, risks and opportunities

- Assessing environmental dependencies, impacts, risks, and opportunities
- Assessing future trends in environmental dependencies, impacts, risks, and opportunities
- Managing environmental dependencies, impacts, risks, and opportunities

Engagement

- Managing engagement in landscapes and/or jurisdictions
- Managing public policy engagement related to environmental issues
- Managing supplier compliance with environmental requirements
- Managing value chain engagement related to environmental issues

Policies, commitments, and targets

- Monitoring compliance with corporate environmental policies and/or commitments
- Measuring progress towards environmental corporate targets
- Measuring progress towards environmental science-based targets
- Setting corporate environmental policies and/or commitments
- Setting corporate environmental targets

Strategy and financial planning

- Conducting environmental scenario analysis
- Managing annual budgets related to environmental issues
- Developing a business strategy which considers environmental issues
- Managing environmental reporting, audit, and verification processes
- Managing acquisitions, mergers, and divestitures related to environmental issues
- Managing major capital and/or operational expenditures relating to environmental issues
- Managing priorities related to innovation/low-environmental impact products or services (including R&D)
- Developing a climate transition plan
- Implementing a climate transition plan
- Implementing the business strategy related to environmental issues

Other

- Providing employee incentives related to environmental performance
- Other, please specify

(4.3.1.4) Reporting line

Select from:

- Reports to the Chief Risks Officer (CRO)
- Reports to the Chief Financial Officer (CFO)
- Reports to the Chief Executive Officer (CEO)
- Reports to the Chief Operating Officer (COO)
- Reports to the Chief Sustainability Officer (CSO)
- Reports to the board directly
- Other, please specify

(4.3.1.5) Frequency of reporting to the board on environmental issues

Select from:

- Annually
- Half-yearly
- Not reported to the board
- As important matters arise
- Less frequently than annually
- More frequently than quarterly
- Quarterly

(4.3.1.6) Please explain

Sustainable Development SubCommittee as an important mechanism in driving processes and ensuring that executives and employees of the Company and its subsidiaries correctly and completely understand and earnestly practice business ethics and sustainable development of the organization This is considered part of the Companys organizational culture that the top management has established as the corporate governance observance that is one of the organizations strategies and objectives Both subcommittees must report to the Sustainability and Corporate Governance Committee every quarter Responsibilities of the SubCommittee include 1 Reviewing policies strategies action plans and KPIs in environmental management including climate change The results are reported to the Committee for approval annually 2 Evaluating emerging trends climate risks and opportunities that could potentially affect business 3 Ensuring the alignment of business operation with sustainability policies strategies action plans and KPIs including elements related to climate change 4 Promoting understanding and providing recognition for employees of all levels to enable effective realization of the sustainability policies and guidelines 5 Monitoring progress and performance on sustainability topics including climate change Furthermore Corporate Sustainability Management Division whose roles encompass environmental management acts as a focal point in coordinating with relevant functions to monitor climaterelated topics at monthly to yearly interval depending on the nature of topics The results are reported to the Committee at least semiannually Additionally climaterelated data will be consolidated annually and presented to the Sustainability and Corporate Governance Committee for reviewing as part of sustainability reporting process

[Add row]

Environmental Issue	Questionnaire sector	Framework Alignment
• Water	• Financial services	• ESRS 2

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Biodiversity • Climate Change • Forests 	<ul style="list-style-type: none"> • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • TNFD Governance B • IFRS S2 6 • AFi Core Principle 4

(4.4) Does your organization have management-level competency on environmental issues?

Climate change

(4.4.1) Management-level competency on this environmental issue

Select from:

- Yes
- No, but we plan to within the next two years
- No, and we do not plan to within the next two years

Not assessed

(4.4.2) Mechanisms to maintain management level competency on this environmental issue

Select all that apply

- Consulting regularly with an internal, permanent, subject-expert working group
- Engaging regularly with external stakeholders and experts on environmental issues
- Regular training at management level on environmental issues, industry best practice, and standards (e.g., TCFD, SBTi)
- Having at least one individual at management level with expertise on this environmental issue
- Other, please specify

(4.4.3) Environmental expertise of the individual at management level

Academic

- Undergraduate education (e.g., BSc/BA in environment and sustainability, climate science, environmental science, water resources management, environmental engineering, forestry, etc.), please specify
- Postgraduate education (e.g., MSc/MA/PhD in environment and sustainability, climate science, environmental science, water resources management, forestry, etc.), please specify

Additional training

- Course certificate (relating to environmental issues), please specify
- Training in an environmental subject by a certified organization, please specify

Experience

- Active member of an environmental committee or organization
- Experience in an academic role focused on environmental issues
- Staff-level experience in a role focused on environmental issues
- Executive-level experience in a role focused on environmental issues
- Management-level experience in a role focused on environmental issues
- Experience in the environmental department of a government (national or local)
- Experience in an organization that is exposed to environmental-scrutiny and is going through a sustainability transition

Other

Other, please specify

(4.4.4) Primary reason for no management-level competency on environmental issues

Select from:

- Lack of internal resources, capabilities, or expertise (e.g., due to organization size)
- No standardized procedure
- Not an immediate strategic priority
- Judged to be unimportant or not relevant
- Other, please specify

(4.4.5) Explain why your organization does not have management-level competency on this environmental issue

Rich text input [must be under 2500 characters]
[Fixed row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none">• Water• Climate Change• Forests	<ul style="list-style-type: none">• Financial services• Oil & Gas• Coal• General• Capital goods• Transport OEMS - EPM• Chemicals• Metals & mining• Transport services• Steel• Agricultural commodities• Electric utilities	<ul style="list-style-type: none">• ESRS 2

Environmental Issue	Questionnaire sector	Framework Alignment
	<ul style="list-style-type: none"> • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	

(4.5) Do you provide monetary incentives for the management of environmental issues, including the attainment of targets?

	Provision of monetary incentives related to this environmental issue	% of total C-suite and board-level monetary incentives linked to the management of this environmental issue	Please explain
Climate change	<i>Select from:</i> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No, but we plan to introduce them in the next two years <input type="checkbox"/> No, and we do not plan to introduce them in the next two years	<i>Numeric input [must be between [0 - 100]</i>	<i>Rich text input [must be under 1000 characters]</i>

[Fixed row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Biodiversity • Climate Change • Forests 	<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General 	<ul style="list-style-type: none"> • ESRS 2 • IFRS S2 29 • AFi Core Principle 4 • ESRS E1

Environmental Issue	Questionnaire sector	Framework Alignment
	<ul style="list-style-type: none"> • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Biodiversity - Mines • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	

(4.5.1) Provide further details on the monetary incentives provided for the management of environmental issues (do not include the names of individuals).

Climate change

(4.5.1.1) Position entitled to monetary incentive

Board or executive level

- | | |
|--|--|
| <input type="checkbox"/> President | <input type="checkbox"/> Corporate executive team |
| <input type="checkbox"/> Board Chair | <input type="checkbox"/> Chief Risks Officer (CRO) |
| <input type="checkbox"/> General Counsel | <input type="checkbox"/> Chief Financial Officer (CFO) |
| <input type="checkbox"/> Director on board | <input type="checkbox"/> Chief Operating Officer (COO) |

- Board/Executive board
- Chief Technology Officer (CTO)
- Chief Procurement Officer (CPO)
- Chief Sustainability Officer (CSO)
- Chief Government Relations Officer (CGRO)
- Chief Executive Officer (CEO)

Facility/Unit/Site management

- Business unit manager
- Facilities manager
- Site manager
- Other facility/unit/site manager, please specify

Sustainability specialist

- Other sustainability specialist, please specify

Senior-mid management

- Risk manager
- Energy manager
- Management group
- Buyers/purchasers
- Procurement manager
- Public affairs manager
- Process operation manager
- Environment/Sustainability manager
- Environmental, Health, and Safety manager
- Other senior-mid manager, please specify

- Chief Compliance Officer (CCO)
- Other C-Suite Officer, please specify

(4.5.1.2) Incentives

Select all that apply

- Shares
- Promotion
- Profit share
- Retirement plan
- Bonus - % of salary
- Salary increase
- Bonus – set figure
- Other, please specify

(4.5.1.3) Performance metrics

Targets

- Progress towards environmental targets
- Achievement of environmental targets
- Organization performance against an environmental sustainability index
- Reduction in absolute emissions in line with net-zero target
- Other targets-related metrics, please specify

Strategy and financial planning

- Achievement of climate transition plan services
- Board approval of climate transition plan taxonomy
- Shareholder approval of climate transition plan
- Increased investment in environmental R&D and innovation
- Shift to a business model compatible with a net-zero carbon future
- Increased proportion of revenue from low environmental impact products or services
- Increased alignment of capex with transition plan and/or sustainable finance
- Other strategy and financial planning-related metrics, please specify

Emission reduction

- Implementation of an emissions reduction initiative
- Reduction in emissions intensity
- Increased share of renewable energy in total energy consumption
- Reduction in absolute emissions
- Other emission reduction-related metrics, please specify

Resource use and efficiency

- Improvements in emissions data, reporting, and third-party verification
- Energy efficiency improvement
- Reduction in total energy consumption
- Other resource use and efficiency-related metrics, please specify

Pollution

- Reduction/elimination of environmental incidents and/or environmental notices (notices of violation)
- Other pollution-related metrics, please specify

Policies and commitments

- Increased supplier compliance with environmental requirements
- New or tighter environmental requirements applied to purchasing practices
- Securing Free, Prior and Informed Consent (FPIC) of Indigenous peoples and local communities
- Adopting UN International Labour Organization principles
- Other policies and commitments-related metrics, please specify

Engagement

- Increased value chain visibility (traceability, mapping)
- Increased engagement with suppliers on environmental issues
- Increased engagement with customers on environmental issues
- Increased engagement with smallholders on environmental issues
- Increased engagement in landscape (including river basin) and jurisdictional initiatives
- Implementation of employee awareness campaign or training program on environmental issues
- Other engagement-related metrics, please specify

(4.5.1.4) Incentive plan the incentives are linked to

Select from:

- Short-Term Incentive Plan, or equivalent, only (e.g. contractual annual bonus)
- Long-Term Incentive Plan, or equivalent, only (e.g. contractual multi-year bonus)
- Both Short-Term and Long-Term Incentive Plan, or equivalent
- The incentives are not linked to an incentive plan, or equivalent (e.g. discretionary bonus in the reporting year)

(4.5.1.5) Further details of incentives

CEO is entitled to monetary incentive from climate change management because climate change performance ie GHG emission is a part of the internal Corporate Sustainability Score derived from SP Global Corporate Sustainability Assessment score also known as DJSI This score is one of our CEOs KPIs and Corporate KPIs on Sustainability

(4.5.1.6) How the position's incentives contribute to the achievement of your environmental commitments and/or climate transition plan

Overall sustainability programs performance including the climate performance Dow Jones Sustainability Index DJSI scores is one of the CEOs KPIs KPIs are monitored on yearly basis and affected to bonus of Chief Executive Officer CEO This is an incentive which contributed to the implementation of CPALL climate commitments CPAll commits to achieve Carbon Neutral by 2030 and Net Zero GHG Emissions by 2050 We have tracked and recorded our performances against our commitments every year The incentivized KPI is set to ensure that the management well manages on the climaterelated issues of the organization

Climate change

(4.5.1.1) Position entitled to monetary incentive

Board or executive level

- President
- Board Chair
- General Counsel
- Director on board
- Board/Executive board
- Chief Compliance Officer (CCO)
- Chief Technology Officer (CTO)
- Chief Procurement Officer (CPO)
- Chief Sustainability Officer (CSO)
- Chief Government Relations Officer (CGRO)
- Corporate executive team
- Chief Risks Officer (CRO)
- Chief Financial Officer (CFO)
- Chief Operating Officer (COO)
- Chief Executive Officer (CEO)
- Other C-Suite Officer, please specify

Facility/Unit/Site management

- Business unit manager
- Facilities manager
- Site manager
- Other facility/unit/site manager, please specify

Sustainability specialist

- Other sustainability specialist, please specify :Assistant Vice President, Social and Environmental Management

Senior-mid management

- Risk manager
- Energy manager
- Management group
- Buyers/purchasers
- Procurement manager
- Public affairs manager
- Process operation manager
- Environment/Sustainability manager
- Environmental, Health, and Safety manager
- Other senior-mid manager, please specify

(4.5.1.2) Incentives

Select all that apply

- Shares
- Promotion
- Profit share
- Retirement plan
- Bonus - % of salary
- Salary increase
- Bonus – set figure
- Other, please specify

(4.5.1.3) Performance metrics

Targets

- Progress towards environmental targets
- Achievement of environmental targets
- Organization performance against an environmental sustainability index
- Reduction in absolute emissions in line with net-zero target
- Other targets-related metrics, please specify

Strategy and financial planning

- Achievement of climate transition plan
- Board approval of climate transition plan services
- Shareholder approval of climate transition plan
- Shift to a business model compatible with a net-zero carbon future
- Increased investment in environmental R&D and innovation
- Increased proportion of revenue from low environmental impact products or services
- Other strategy and financial planning-related metrics, please specify

Increased alignment of capex with transition plan and/or sustainable finance taxonomy

Emission reduction

Implementation of an emissions reduction initiative

Reduction in emissions intensity

Increased share of renewable energy in total energy consumption

Reduction in absolute emissions

Other emission reduction-related metrics, please specify

Resource use and efficiency

Improvements in emissions data, reporting, and third-party verification

Energy efficiency improvement

Reduction in total energy consumption

Other resource use and efficiency-related metrics, please specify

Pollution

Reduction/elimination of environmental incidents and/or environmental notices (notices of violation)

Other pollution-related metrics, please specify

Policies and commitments

Increased supplier compliance with environmental requirements

New or tighter environmental requirements applied to purchasing practices

Securing Free, Prior and Informed Consent (FPIC) of Indigenous peoples and local communities

Adopting UN International Labour Organization principles

Other policies and commitments-related metrics, please specify

Engagement

Increased value chain visibility (traceability, mapping)

Increased engagement with customers on environmental issues

Increased engagement with smallholders on environmental issues

Other engagement-related metrics, please specify

Increased engagement in landscape (including river basin) and jurisdictional initiatives

Implementation of employee awareness campaign or training program on environmental issues

Increased engagement with suppliers on environmental issues

(4.5.1.4) Incentive plan the incentives are linked to

Select from:

- Short-Term Incentive Plan, or equivalent, only (e.g. contractual annual bonus)
- Long-Term Incentive Plan, or equivalent, only (e.g. contractual multi-year bonus)
- Both Short-Term and Long-Term Incentive Plan, or equivalent
- The incentives are not linked to an incentive plan, or equivalent (e.g. discretionary bonus in the reporting year)

(4.5.1.5) Further details of incentives

Assistant Vice President Social and Environmental Management is entitled to monetary incentive from GHG emissions reduction His KPI is directly tied with overall GHG emissions reduction and Promote Green product with 40 weight The AVP is also responsible for driving innovative GHG emission management The AVP also leads 7 Go Green committee whose KPIs are tied with Carbon Neutral by 2030 and Net Zero GHG Emissions by 2050 cascaded from the Corporate Sustainability KPIs Overall facility GHG emissions and Promote Green product is weighted 40 for Assistant Vice President of Social and Environmental Management department Moreover GHG emissions and Promote Green product performance are also the KPIs of our 7 Go Green Committee The target and goal have been cascaded and collaborated with other functions ie purchasing department and operation department

(4.5.1.6) How the position's incentives contribute to the achievement of your environmental commitments and/or climate transition plan

Climate change performance eg GHG emission is a part of the internal Corporate Sustainability Score This score related to Corporate KPIs on Sustainability KPIs are monitored on yearly basis and affected to bonus of the organization This is an incentive which contributed to the implementation of CP ALL climate commitments CP ALL commits to achieve Carbon Neutral by 2030 and Net Zero GHG Emissions by 2050 We have tracked and recorded our performances against our commitments every year

Climate change

(4.5.1.1) Position entitled to monetary incentive

Board or executive level

- President
- Board Chair
- General Counsel
- Corporate executive team
- Chief Risks Officer (CRO)
- Chief Financial Officer (CFO)

- Director on board
- Board/Executive board
- Chief Compliance Officer (CCO)
and Facilities Management (CAF-M)
- Chief Technology Officer (CTO)
- Chief Procurement Officer (CPO)
- Chief Sustainability Officer (CSO)
- Chief Government Relations Officer (CGRO)

Facility/Unit/Site management

- Business unit manager
- Facilities manager
- Site manager
- Other facility/unit/site manager, please specify

Sustainability specialist

- Other sustainability specialist, please specify

Senior-mid management

- Risk manager
- Energy manager
- Management group
- Buyers/purchasers
- Procurement manager

- Chief Operating Officer (COO)
- Chief Executive Officer (CEO)
- Other C-Suite Officer, please specify :**Senior Vice President - Corporate Asset**

- Public affairs manager
- Process operation manager
- Environment/Sustainability manager
- Environmental, Health, and Safety manager
- Other senior-mid manager, please specify

(4.5.1.2) Incentives

Select all that apply

- Shares
- Promotion
- Profit share
- Salary increase
- Bonus – set figure
- Other, please specify

- Retirement plan
- Bonus - % of salary

(4.5.1.3) Performance metrics

Targets

- Progress towards environmental targets
- Achievement of environmental targets
- Organization performance against an environmental sustainability index
- Reduction in absolute emissions in line with net-zero target
- Other targets-related metrics, please specify

Strategy and financial planning

- Achievement of climate transition plan services
- Board approval of climate transition plan taxonomy
- Shareholder approval of climate transition plan
- Increased investment in environmental R&D and innovation
- Shift to a business model compatible with a net-zero carbon future
- Increased proportion of revenue from low environmental impact products or services
- Increased alignment of capex with transition plan and/or sustainable finance
- Other strategy and financial planning-related metrics, please specify

Emission reduction

- Implementation of an emissions reduction initiative
- Reduction in emissions intensity
- Increased share of renewable energy in total energy consumption
- Reduction in absolute emissions
- Other emission reduction-related metrics, please specify

Resource use and efficiency

- Improvements in emissions data, reporting, and third-party verification
- Energy efficiency improvement
- Reduction in total energy consumption

Other resource use and efficiency-related metrics, please specify

Pollution

Reduction/elimination of environmental incidents and/or environmental notices (notices of violation)

Other pollution-related metrics, please specify

Policies and commitments

Increased supplier compliance with environmental requirements

New or tighter environmental requirements applied to purchasing practices

Securing Free, Prior and Informed Consent (FPIC) of Indigenous peoples and local communities

Adopting UN International Labour Organization principles

Other policies and commitments-related metrics, please specify

Engagement

Increased value chain visibility (traceability, mapping)
environmental issues

Implementation of employee awareness campaign or training program on

Increased engagement with suppliers on environmental issues

Other engagement-related metrics, please specify

Increased engagement with customers on environmental issues

Increased engagement with smallholders on environmental issues

Increased engagement in landscape (including river basin) and jurisdictional initiatives

(4.5.1.4) Incentive plan the incentives are linked to

Select from:

Short-Term Incentive Plan, or equivalent, only (e.g. contractual annual bonus)

Long-Term Incentive Plan, or equivalent, only (e.g. contractual multi-year bonus)

Both Short-Term and Long-Term Incentive Plan, or equivalent

The incentives are not linked to an incentive plan, or equivalent (e.g. discretionary bonus in the reporting year)

(4.5.1.5) Further details of incentives

Senior Vice President Corporate Asset and Facilities Management CAFM is entitled to monetary incentive from energy efficiency management His KPI is directly tied with overall facilities store energy reduction The SVP is also responsible for driving innovative energy management at stores and increasing proportion of renewable energy in energy portfolio Besides the SVP also leads energy conservation committee whose KPIs are tied with energy reduction and efficiency performance cascaded from the Corporate KPIs on Sustainability Overall facility store energy reduction is weighted 10 for Senior Vice President of Corporate Asset and Facilities Management department Moreover energy reduction and efficiency performance are also the KPIs of our Energy Conservation Committee The target and goal have been cascaded and collaborated with other functions ie purchasing department and operation department

(4.5.1.6) How the position's incentives contribute to the achievement of your environmental commitments and/or climate transition plan

Energy efficiency management is part of the Senior Vice President Corporate Asset and Facilities Management CAFM KPI In case CP ALL manage well on efficient energy consumption This affects to reduce GHG emission of the organization His KPIs are monitored on yearly basis and affected to bonus This is an incentive which contributed to the implementation of CP ALL climate commitments CP ALL commits to achieve Carbon Neutral by 2030 and Net Zero GHG Emissions by 2050 We have tracked and recorded our performances against our commitments every year

Climate change

(4.5.1.1) Position entitled to monetary incentive

Board or executive level

- | | |
|--|--|
| <input type="checkbox"/> President | <input type="checkbox"/> Corporate executive team |
| <input type="checkbox"/> Board Chair | <input type="checkbox"/> Chief Risks Officer (CRO) |
| <input type="checkbox"/> General Counsel | <input type="checkbox"/> Chief Financial Officer (CFO) |
| <input type="checkbox"/> Director on board | <input type="checkbox"/> Chief Operating Officer (COO) |
| <input type="checkbox"/> Board/Executive board | <input type="checkbox"/> Chief Executive Officer (CEO) |
| <input type="checkbox"/> Chief Compliance Officer (CCO) | <input type="checkbox"/> Other C-Suite Officer, please specify |
| <input type="checkbox"/> Chief Technology Officer (CTO) | |
| <input type="checkbox"/> Chief Procurement Officer (CPO) | |
| <input type="checkbox"/> Chief Sustainability Officer (CSO) | |
| <input type="checkbox"/> Chief Government Relations Officer (CGRO) | |

Facility/Unit/Site management

- Business unit manager
- Facilities manager

- Site manager
- Other facility/unit/site manager, please specify

Sustainability specialist

- Other sustainability specialist, please specify

Senior-mid management

- Risk manager
- Energy manager
- Management group
- Buyers/purchasers
- Procurement manager
- Public affairs manager
- Process operation manager
- Environment/Sustainability manager
- Environmental, Health, and Safety manager
- Other senior-mid manager, please specify

(4.5.1.2) Incentives

Select all that apply

- Shares
- Promotion
- Profit share
- Retirement plan
- Bonus - % of salary
- Salary increase
- Bonus – set figure
- Other, please specify

(4.5.1.3) Performance metrics

Targets

- Progress towards environmental targets
- Achievement of environmental targets
- Organization performance against an environmental sustainability index
- Reduction in absolute emissions in line with net-zero target
- Other targets-related metrics, please specify

Strategy and financial planning

- Achievement of climate transition plan
- Board approval of climate transition plan services
- Shareholder approval of climate transition plan
- Shift to a business model compatible with a net-zero carbon future
- Increased alignment of capex with transition plan and/or sustainable finance taxonomy
- Increased investment in environmental R&D and innovation
- Increased proportion of revenue from low environmental impact products or services
- Other strategy and financial planning-related metrics, please specify

Emission reduction

- Implementation of an emissions reduction initiative
- Reduction in emissions intensity
- Increased share of renewable energy in total energy consumption
- Reduction in absolute emissions
- Other emission reduction-related metrics, please specify

Resource use and efficiency

- Improvements in emissions data, reporting, and third-party verification
- Energy efficiency improvement
- Reduction in total energy consumption
- Other resource use and efficiency-related metrics, please specify

Pollution

- Reduction/elimination of environmental incidents and/or environmental notices (notices of violation)
- Other pollution-related metrics, please specify

Policies and commitments

- Increased supplier compliance with environmental requirements
- New or tighter environmental requirements applied to purchasing practices
- Securing Free, Prior and Informed Consent (FPIC) of Indigenous peoples and local communities
- Adopting UN International Labour Organization principles
- Other policies and commitments-related metrics, please specify

Engagement

- Increased value chain visibility (traceability, mapping)
- Increased engagement with customers on environmental issues
- Increased engagement with smallholders on environmental issues
- Other engagement-related metrics, please specify
- Increased engagement in landscape (including river basin) and jurisdictional initiatives
- Implementation of employee awareness campaign or training program on environmental issues
- Increased engagement with suppliers on environmental issues

(4.5.1.4) Incentive plan the incentives are linked to

Select from:

- Short-Term Incentive Plan, or equivalent, only (e.g. contractual annual bonus)
- Long-Term Incentive Plan, or equivalent, only (e.g. contractual multi-year bonus)
- Both Short-Term and Long-Term Incentive Plan, or equivalent
- The incentives are not linked to an incentive plan, or equivalent (e.g. discretionary bonus in the reporting year)

(4.5.1.5) Further details of incentives

1Business Unit Managers are entitled to monetary incentive from energy reduction and efficiency performance Their KPIs ie energy reduction and efficiency performance are cascaded from the Corporate Sustainability KPIs Furthermore Business Unit Managers who take part in Energy Conservation Committee also have the KPI directly tied with Corporate Sustainability Score derived from DJSI score Achievement of individual KPIs on energy reduction and efficiency performance will contribute to the incentives of Business Unit Managers Furthermore if the energy reduction and efficiency performance targets are achieved members of the Energy Conservation Committee will also be rewarded with monetary incentive 2Business Unit Managers are entitled to monetary incentive from GHG emissions reduction performance Their KPIs ie GHG emissions reduction performance are cascaded from the Corporate Sustainability KPIs Furthermore Business Unit Managers who take part in 7 Go Green Committee also have the KPI directly tied with Corporate Sustainability Score derived from DJSI score Achievement of individual KPIs on GHG emissions reduction performance will contribute to the incentives of Business Unit Managers Furthermore if the GHG emissions reduction performance targets are achieved members of the 7 Go Green Committee will also be rewarded with monetary incentive

(4.5.1.6) How the position's incentives contribute to the achievement of your environmental commitments and/or climate transition plan

Incentivize KPIs for Business Unit Managers are set to ensure their operational managements aligned with CP ALL commits to achieve Carbon Neutral by 2030 and Net Zero GHG Emissions by 2050 They directly connect with employees at all levels The Business Unit Managers such as CPALLs Head of Corporate Sustainability Management Division and other related divisions directly oversight the implementation of employee awareness campaign or training program on climaterelated issues In case all of employees aware the climaterelated issues this can accelerate the climate transition plan to achieve and in line with the setting timeframe The initiative

campaigns and programs such as reducing stopping sorting post consumption plastic packaging reduction of singleuse plastics reducing paper usage increasing energy reduction and efficiency etc Through this end the greenhouse gas emission can be reduced within the setting timeframe
 [Add row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Biodiversity • Climate Change • Forests 	<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Biodiversity - Mines • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • ESRS 2 • IFRS S2 29 • AFi Core Principle 4 • TNFD Governance A • ESRS E1

(4.6) Does your organization have an environmental policy that addresses environmental issues?

	Does your organization have any environmental policies?	Primary reason for not having an environmental policy	Explain why you do not have an environmental policy
	<p>Select from:</p> <p><input checked="" type="checkbox"/> Yes</p> <p><input type="checkbox"/> No, but we plan to within the next two years</p> <p><input type="checkbox"/> No, and we do not plan to within the next two years</p>	<p>Select from:</p> <p><input type="checkbox"/> Lack of internal resources, capabilities, or expertise (e.g., due to organization size)</p> <p><input type="checkbox"/> No standardized procedure</p> <p><input type="checkbox"/> Not an immediate strategic priority</p> <p><input type="checkbox"/> Judged to be unimportant or not relevant</p> <p><input type="checkbox"/> Other, please specify</p>	<p>Rich text input [must be under 2500 characters]</p>

[Fixed row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Biodiversity • Climate Change • Forests 	<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Biodiversity - Mines 	<ul style="list-style-type: none"> • ESRS 2 • AFi Core Principle 3 • ESRS E2 • AFi Core Principle 4 • CEO WM Response: Policies, governance, and targets • ESRS E1 • AFi Core Principle 1 • ESRS E3 • AFi Core Principle 2

Environmental Issue	Questionnaire sector	Framework Alignment
	<ul style="list-style-type: none"> • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	

(4.6.1) Provide details of your environmental policies.

Row 1

(4.6.1.1) Environmental issues covered

Select all that apply

- Climate change
- Biodiversity

(4.6.1.2) Level of coverage

Select from:

- Organization-wide
- Selected facilities, businesses or geographies only
- Selected products only
- Selected commodities only

(4.6.1.3) Value chain stages covered

Select all that apply

- Direct operations
- Upstream value chain
- Downstream value chain

- Portfolio

(4.6.1.4) Explain the coverage

This policy will be fully implemented under CPALL Public Company Limited and its subsidiaries And also conveying this message to its Business Partners and Suppliers in order to apply for their business operations and encourage participation with any associated parties throughout value chain in which already classified that having significant level for environmental responsibility

(4.6.1.5) Environmental policy content

Environmental commitments

- Commitment to No Net Loss
- Commitment to Net Positive Gain
- Commitment to a circular economy strategy
- Commitment to no trade of CITES listed species
- Commitment to respect legally designated protected areas
- Commitment to comply with regulations and mandatory standards
- Commitment to take environmental action beyond regulatory compliance
- Commitment to avoidance of negative impacts on threatened and protected species
- Commitment to stakeholder engagement and capacity building on environmental issues
- Commitment to implementation of nature-based solutions that support landscape restoration and long-term protection of natural ecosystems
- Commitment to engage in integrated, multi-stakeholder landscape (including river basin) initiatives to promote shared sustainability goals
- Other environmental commitment, please specify

Climate-specific commitments

- Commitment to 100% renewable energy
- Commitment to net-zero emissions
- Commitment to not invest in fossil-fuel expansion
- Commitment to not funding climate-denial or lobbying against climate regulations
- Other climate-related commitment, please specify : The Company's goal is to be carbon neutrality within 2030

Forests-specific commitments

- Commitment to no development on peat regardless of depth
- Commitment to best management practices for soils and peat
- Commitment to no land clearance by burning or clearcutting
- Commitment to the use of the High Conservation Value (HCV) approach
- Commitment to facilitate the inclusion of smallholders into the value chain
- Commitment to conduct or support restoration and/or compensation to remedy for past deforestation or conversion
- Commitment to no deforestation, to no planting on peatlands, and to no exploitation (NDPE) by target date, please specify
- Commitment to no-conversion of natural ecosystems by target date, please specify
- Commitment to no-deforestation by target date, please specify
- Other forests-related commitment, please specify

Water-specific commitments

- Commitment to reduce water consumption volumes
- Commitment to reduce water withdrawal volumes
- Commitment to reduce or phase out hazardous substances
- Commitment to control/reduce/eliminate water pollution
- Commitment to safely managed WASH in local communities
- Commitment to the conservation of freshwater ecosystems
- Commitment to water stewardship and/or collective action
- Other water-related commitment, please specify

Social commitments

- Commitment to respect internationally recognized human rights
- Adoption of the UN International Labour Organization principles
- Commitment to promote gender equality and women's empowerment
- Commitment to secure Free, Prior, and Informed Consent (FPIC) of indigenous people and local communities
- Commitment to respect and protect the customary rights to land, resources, and territory of Indigenous Peoples and Local Communities
- Other social commitment, please specify

Additional references/Descriptions

- Description of commodities covered by the policy
- Recognition of environmental linkages and trade-offs
- Description of environmental requirements for procurement

- Description of biodiversity-related performance standards
- Description of impacts on natural resources and ecosystems
- Acknowledgement of the human right to water and sanitation
- Description of renewable electricity procurement practices
- Description of dependencies on natural resources and ecosystems
- Description of membership and financial support provided to organizations that seek to influence public policy
- Description of grievance/whistleblower mechanism to monitor non-compliance with the environmental policy and raise/address/escalate any other greenwashing concerns
- Reference to timebound environmental milestones and targets
- Other additional reference/description, please specify

(4.6.1.6) Indicate whether your environmental policy is in line with global environmental treaties or policy goals

Select all that apply

- No, but we plan to align in the next two years
- Yes, in line with the Paris Agreement
- No, and we do not plan to align in the next two years
- Yes, in line with the Kunming-Montreal Global Biodiversity Framework
- Yes, in line with Sustainable Development Goal 6 on Clean Water and Sanitation
- Yes, in line with another global environmental treaty or policy goal, please specify

(4.6.1.7) Public availability

Select from:

- Publicly available
- Not publicly available

(4.6.1.8) Attach the policy

SD Policy & Goals 2564-2573-en.pdf

Row 2

(4.6.1.1) Environmental issues covered

Select all that apply

- Climate change
- Biodiversity

(4.6.1.2) Level of coverage

Select from:

- Organization-wide
- Selected facilities, businesses or geographies only
- Selected products only
- Selected commodities only

(4.6.1.3) Value chain stages covered

Select all that apply

- Direct operations
- Upstream value chain
- Downstream value chain
- Portfolio

(4.6.1.4) Explain the coverage

These policy and operating guideline are applied with all businesses under the CP ALL Public Company Limited and its subsidiary covering own operations and key stakeholders including suppliers and business partners as well as covering collaboration and support for tier1 supplier and nontier1 supplier in the supply chain in order to promote biodiversity and natural resources

(4.6.1.5) Environmental policy content

Environmental commitments

- Commitment to Net Positive Gain
- Commitment to a circular economy strategy

- Commitment to no trade of CITES listed species
- Commitment to respect legally designated protected areas
- Commitment to comply with regulations and mandatory standards
- Commitment to take environmental action beyond regulatory compliance
- Commitment to avoidance of negative impacts on threatened and protected species
- Commitment to stakeholder engagement and capacity building on environmental issues
- Commitment to implementation of nature-based solutions that support landscape restoration and long-term protection of natural ecosystems
- Commitment to engage in integrated, multi-stakeholder landscape (including river basin) initiatives to promote shared sustainability goals
- Commitment to No Net Loss
- Other environmental commitment, please specify

Climate-specific commitments

- Commitment to 100% renewable energy
- Commitment to net-zero emissions
- Commitment to not invest in fossil-fuel expansion
- Commitment to not funding climate-denial or lobbying against climate regulations
- Other climate-related commitment, please specify

Forests-specific commitments

- Commitment to no development on peat regardless of depth
- Commitment to best management practices for soils and peat
- Commitment to no land clearance by burning or clearcutting
- Commitment to the use of the High Conservation Value (HCV) approach
- Commitment to facilitate the inclusion of smallholders into the value chain
- Commitment to conduct or support restoration and/or compensation to remedy for past deforestation or conversion
- Commitment to no deforestation, to no planting on peatlands, and to no exploitation (NDPE) by target date, please specify
- Commitment to no-conversion of natural ecosystems by target date, please specify
- Commitment to no-deforestation by target date, please specify
- Other forests-related commitment, please specify

Water-specific commitments

- Commitment to reduce water consumption volumes
- Commitment to reduce water withdrawal volumes
- Commitment to reduce or phase out hazardous substances
- Commitment to control/reduce/eliminate water pollution
- Commitment to safely managed WASH in local communities
- Commitment to the conservation of freshwater ecosystems
- Commitment to water stewardship and/or collective action
- Other water-related commitment, please specify

Social commitments

- Commitment to respect internationally recognized human rights
- Adoption of the UN International Labour Organization principles
- Commitment to promote gender equality and women's empowerment
- Commitment to secure Free, Prior, and Informed Consent (FPIC) of indigenous people and local communities
- Commitment to respect and protect the customary rights to land, resources, and territory of Indigenous Peoples and Local Communities
- Other social commitment, please specify

Additional references/Descriptions

- Description of commodities covered by the policy
- Recognition of environmental linkages and trade-offs
- Description of environmental requirements for procurement
- Description of biodiversity-related performance standards
- Description of impacts on natural resources and ecosystems
- Acknowledgement of the human right to water and sanitation
- Description of renewable electricity procurement practices
- Reference to timebound environmental milestones and targets
- Description of dependencies on natural resources and ecosystems
- Description of membership and financial support provided to organizations that seek to influence public policy
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- Other additional reference/description, please specify

(4.6.1.6) Indicate whether your environmental policy is in line with global environmental treaties or policy goals

Select all that apply

- Yes, in line with the Paris Agreement Yes, in line with another global environmental treaty or policy goal, please specify
- No, but we plan to align in the next two years
- No, and we do not plan to align in the next two years
- Yes, in line with the Kunming-Montreal Global Biodiversity Framework
- Yes, in line with Sustainable Development Goal 6 on Clean Water and Sanitation

(4.6.1.7) Public availability

Select from:

- Publicly available
- Not publicly available

(4.6.1.8) Attach the policy

Biodiversity-Policy-2021-EN.pdf

[Add row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Biodiversity • Climate Change • Forests 	<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services 	<ul style="list-style-type: none"> • ESRS 2 • AFi Core Principle 3 • ESRS E2 • AFi Core Principle 4 • ESRS E4 • CEO WM Response: Policies, governance, and targets • ESRS E1 • CEO WM Response: External engagement

Environmental Issue	Questionnaire sector	Framework Alignment
	<ul style="list-style-type: none"> • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Biodiversity - Mines • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • AFi Core Principle 1 • ESRS E3 • AFi Core Principle 2

(4.10) Are you a signatory or member of any environmental collaborative frameworks or initiatives?

(4.10.1) Are you a signatory or member of any environmental collaborative frameworks or initiatives?

Select from:

- Yes
- No, but we plan to within the next two years
- No, and we do not plan to within the next two years

(4.10.2) Collaborative framework or initiative

Select all that apply

- | | |
|--|---|
| <input type="checkbox"/> Ceres | <input type="checkbox"/> HerProject |
| <input type="checkbox"/> RE100 | <input type="checkbox"/> B Corporation |
| <input type="checkbox"/> The B Team | <input type="checkbox"/> Bonn Challenge |
| <input type="checkbox"/> Planet Mark | <input type="checkbox"/> SME Climate Hub |
| <input type="checkbox"/> Terra Carta | <input type="checkbox"/> Business 4 Nature |
| <input type="checkbox"/> Business Declares | <input type="checkbox"/> The Climate Pledge |

- UN Global Compact
- We Are Still In
- Pledge to Net Zero
- Textile Exchange
- European Climate Pact
- Race to Zero Campaign
- Leather Working Group
- Make Fashion Circular
- Carbon Market Institute
- Verified Sourcing Areas
- Chambers Climate Coalition
- Fire Free Alliance (FFA)
- Cerrado Funding Coalition
- Natural Capital Coalition
- Exponential Roadmap Initiative
- Green Municipalities Program
- Japan Climate Initiative (JCI)
- Transition Pathway Initiative
- Better Cotton Initiative (BCI)
- Global e-Sustainability Initiative
- Industry Task Team on Climate Change
- Produce, Conserve and Include (PCI)
- Sustainable Apparel Coalition (SAC)
- Collective Commitment to Climate Action
- High Carbon Stock Approach Steering Group
- Production, Protection and Inclusion (PPI)
- Coalition for Sustainable Livelihoods (CSL)
- Ellen MacArthur Foundation Global Commitment
- Global Sustainable Plastic Packaging Programme
- High Conservation Value (HCV) Resource Network [F and B only]

- The Fashion pact
- We Mean Business
- Plastic Pact Network
- Climate Action 100+
- ClimateWise Principles
- Future Net Zero with CBN
- Health Care Without Harm
- Energy Efficiency Council
- Sports for Climate Action
- Mission Possible Partnership
- Positive Impact Initiative
- Cerrado Working Group (GTC)
- National Business Initiative
- Corporate Leaders Group (CLG)
- Business and Biodiversity Pledge
- Global Plastic Action Partnership
- Alliance for Climate Action (ACA)
- Organic Cotton Accelerator (OCA)
- Compromiso Gran Chaco Argentino 2030
- Partnership for Cleaner Textile (PaCT)
- Science-Based Targets for Nature (SBTN)
- International Wineries for Climate Action
- Japan Climate Leaders' Partnership (JCLP)
- Cross Sector Biodiversity Initiative (CSBI)
- RSPO Jurisdictional Approach to Certification
- International Corporate Governance Network (ICGN)
- IIF Forum on Implementation of TCFD recommendations
- Task Force on Nature-related Financial Disclosures (TNFD)
- International Sustainability & Carbon Certification (ISCC)
- Global Reporting Initiative (GRI) Community Member

- World Business Council for Sustainable Development (WBCSD)
- Apparel and Footwear International RSL Management AFIRM Group
- Sustainable Districts Association (Lingkar Temu Kabupaten Lestari)
- Science-Based Targets Initiative (SBTi)

- Task Force on Climate-related Financial Disclosures (TCFD)
- Other, please specify

(4.10.3) Describe your organization’s role within each framework or initiative

CPALL committed to addressing risks and opportunities associated with potential climate change An appointment organization risk assessment committee is tasked with evaluating risk factors and impacts including opportunities related to climate change which may affect business operations The assessment results require approval by the Sustainability and Corporate Governance Committee prior to Company disclosure of climate risk management information to stakeholders [Fixed row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Biodiversity • Plastics • Climate Change • Forests 	<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Biodiversity - Mines • Cement • Food, beverage & tobacco • Paper & forestry 	<ul style="list-style-type: none"> • NZAM General Commitment • AFi Core Principle 10 • CEO WM Response: External engagement • AFi Core Principle 1 • AFi Core Principle 2

Environmental Issue	Questionnaire sector	Framework Alignment
	<ul style="list-style-type: none"> • Real estate • Construction 	

(4.11) In the reporting year, did your organization engage in activities that could directly or indirectly influence policy, law, or regulation that may (positively or negatively) impact the environment?

(4.11.1) External engagement activities that could directly or indirectly influence policy, law, or regulation that may impact the environment

Select all that apply

- Yes, we engaged directly with policy makers
- Yes, we engaged indirectly through, and/or provided financial or in-kind support to a trade association or other intermediary organization or individual whose activities could influence policy, law, or regulation
- No, we have assessed our activities, and none could directly or indirectly influence policy, law, or regulation that may impact the environment
- Not assessed

(4.11.2) Indicate whether your organization has a public commitment or position statement to conduct your engagement activities in line with global environmental treaties or policy goals

Select from:

- Yes, we have a public commitment or position statement in line with global environmental treaties or policy goals
- No, but we plan to have one in the next two years
- No, and we do not plan to have one in the next two years

(4.11.3) Global environmental treaties or policy goals in line with public commitment or position statement

Select all that apply

- Paris Agreement
- Another global environmental treaty or policy goal, please specify

(4.11.4) Attach commitment or position statement

TGO_TCNN_cpall.pdf

(4.11.5) Indicate whether your organization is registered on a transparency register

Select from:

- Yes
- No
- Unknown

(4.11.6) Types of transparency register your organization is registered on

Select all that apply

- Mandatory government register
- Voluntary government register
- Non-government register

(4.11.7) Disclose the transparency registers on which your organization is registered & the relevant ID numbers for your organization

Thailand Greenhouse Gas Management Organization TGO has initiated the establishment of the Thailand Carbon Neutral Network to foster partnerships among the private sector government and local communities in reducing greenhouse gas emissions This network aims to promote sustainable growth in a climatefriendly society and contribute to the global goal of netzero emissions as outlined in the Paris Agreement

(4.11.8) Describe the process your organization has in place to ensure that your external engagement activities are consistent with your environmental commitments and/or transition plan

CPALL as a member of Climate Action Initiator in TCNN by TGO is committed to taking action towards a carbon neutral

(4.11.9) Primary reason for not engaging in activities that could directly or indirectly influence policy, law, or regulation that may impact the environment

Select from:

- Contractual hindrances
 - No standardized procedure
 - Not an immediate strategic priority
 - Judged to be unimportant or not relevant
 - Lack of internal resources, capabilities, or expertise (e.g., due to organization size)
- Other, please specify

(4.11.10) Explain why your organization does not engage in activities that could directly or indirectly influence policy, law, or regulation that may impact the environment

*Rich text input [must be under 2500 characters]
[Fixed row]*

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Climate Change • Forests 	<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry 	<ul style="list-style-type: none"> • AFi Core Principle 10 • TNFD Governance C • CEO WM Response: External engagement • AFi Core Principle 1 • AFi Core Principle 2 • NZAM Commitment 9

Environmental Issue	Questionnaire sector	Framework Alignment
	<ul style="list-style-type: none"> • Real estate • Construction 	

(4.11.1) On what policies, laws, or regulations that may (positively or negatively) impact the environment has your organization been engaging directly with policy makers in the reporting year?

Row 1

(4.11.1.1) Specify the policy, law, or regulation on which your organization is engaging with policy makers

Rich text input [must be under 500 characters]

(4.11.1.2) Environmental issues the policy, law, or regulation relates to

Select all that apply

- Climate change

(4.11.1.3) Focus area of policy, law, or regulation that may impact the environment

Environmental impacts and pressures

- Forest fires
- Emissions – CO2
- Water pollution
- Water availability
- Emissions – methane
- Hazardous substances
- Emissions – other GHGs
- Use of pesticides and agrochemicals
- Other environmental impacts and pressures, please specify

Energy and renewables

- Alternative fuels
- Renewable energy generation
- Energy efficiency requirements
- Energy attribute certificate systems
- Minimum energy efficiency requirements
- New fossil fuel energy generation capacity
- Low-carbon, non-renewable energy generation
- Green electricity tariffs/renewable energy PPAs

Electricity grid access for renewables

Other energy and renewables, please specify

Environmental protection and management procedures

Legal reserves

Operations permits

Peatland management

Environmental registries

Forest management plans

Land Conservation and Protected Areas

Resilience and adaptive capacity of forests

Financing & incentivizing sustainable forest management

Landscape (including river basin) and jurisdictional approaches

Other environmental protection and management procedures, please specify

Forest private reserves

Restoration/ rehabilitation

Transboundary water management

Socio-economic land-use planning

Environmental protection requirements

Financial mechanisms (e.g., taxes, subsidies, etc.)

Carbon taxes

Water pricing

Carbon offsets

Sustainable finance

Emissions trading schemes

Subsidies for fossil fuel exploration and/or extraction

Subsidies for low-carbon, non-renewable energy projects

Agricultural subsidies for production with high emission intensity

Agricultural subsidies for intensive production that impacts soil health

Fines, enforcement orders and/or penalties relating to soil contamination

Agricultural subsidies for growing water intensive crops in water-stressed areas

Fines, enforcement orders and/or penalties relating to groundwater contamination

Agricultural subsidies for production linked with deforestation or conversion of other natural ecosystems

Agricultural subsidies for intensive production that may lead to water pollution (e.g., fertilizer runoff)

Other financial mechanisms, please specify

Subsidies on infrastructure

Taxes on products or services

Subsidies on products or services

Subsidies for forest-risk commodities

Subsidies for renewable energy projects

Low-impact production and innovation

- Circular economy
- Technology requirements
- Water use and efficiency
- Recycling and recyclability
- Deforestation-free products

Social issues

- Land tenure
- Food security
- Public health
- The human right to water and sanitation
- Rights of Indigenous Peoples and local communities

Transparency and due diligence

- Verification and audits
- Traceability requirements
- Transparency requirements
- Due diligence requirements
- Mandatory environmental reporting

Other

- Climate transition plans
- Construction and housing
- Transport infrastructure
- Corporate environmental targets
- Small and Medium Forest Enterprises (SMFEs)

- Sustainable production and consumption
- Extended Producer Responsibility (EPR)
- Low environmental impact innovation and R&D
- Other low-impact production and innovation, please specify

- Other social issues, please specify

- Corporate environmental reporting
- Free, Prior and Informed Consent (FPIC)
- Public certification schemes for deforestation and conversion
- Collection, availability, and accessibility of forest-related information
- Other transparency and due diligence, please specify

- International agreement related to climate change adaptation
- International agreement related to climate change mitigation
- International agreement relating to water- and/or forests-related issues
- Other, please specify

(4.11.1.4) Geographic coverage of policy, law, or regulation

Select from:

- Global
- Regional
- National
- Sub-national
- Unknown

(4.11.1.5) Country/area/region the policy, law, or regulation applies to

Select all that apply

- | | |
|---------------------------------|---------------------------------|
| <input type="checkbox"/> Chad | <input type="checkbox"/> CIS+ |
| <input type="checkbox"/> Cuba | <input type="checkbox"/> EU12 |
| <input type="checkbox"/> Fiji | <input type="checkbox"/> EU15 |
| <input type="checkbox"/> Guam | <input type="checkbox"/> EU25 |
| <input type="checkbox"/> Iraq | <input type="checkbox"/> EU27 |
| <input type="checkbox"/> EU28 | <input type="checkbox"/> Congo |
| <input type="checkbox"/> Aruba | <input type="checkbox"/> Egypt |
| <input type="checkbox"/> Benin | <input type="checkbox"/> Gabon |
| <input type="checkbox"/> Chile | <input type="checkbox"/> Ghana |
| <input type="checkbox"/> China | <input type="checkbox"/> Haiti |
| <input type="checkbox"/> India | <input type="checkbox"/> Niue |
| <input type="checkbox"/> Italy | <input type="checkbox"/> Oman |
| <input type="checkbox"/> Japan | <input type="checkbox"/> Peru |
| <input type="checkbox"/> Kenya | <input type="checkbox"/> Togo |
| <input type="checkbox"/> Mali | <input type="checkbox"/> Angola |
| <input type="checkbox"/> Belize | <input type="checkbox"/> France |
| <input type="checkbox"/> Buthan | <input type="checkbox"/> Gambia |
| <input type="checkbox"/> Brazil | <input type="checkbox"/> Greece |
| <input type="checkbox"/> Canada | <input type="checkbox"/> Guinea |
| <input type="checkbox"/> Cyprus | <input type="checkbox"/> Guyana |
| <input type="checkbox"/> Israel | <input type="checkbox"/> Nauru |

- Jersey
- Jordan
- Kuwait
- Malta
- Samoa
- Spain
- Sudan
- Tonga
- Yemen
- Armenia
- Austria
- Bahamas
- Bahrain
- Belarus
- Czechia
- Denmark
- Ecuador
- Eritrea
- Estonia
- Iceland
- Ireland
- Jamaica
- Latvia
- Malawi
- Rwanda
- Serbia
- Sweden
- Turkey
- Tuvalu
- Barbados

- Nepal
- Niger
- Palau
- Qatar
- Africa
- Europe
- Albania
- Algeria
- Andorra
- Belgium
- Bermuda
- Burundi
- Comoros
- Croatia
- Finland
- Georgia
- Germany
- Grenada
- Hungary
- Mexico
- Monaco
- Norway
- Panama
- Poland
- Uganda
- Zambia
- Benelux
- Oceania
- Anguilla
- Colombia

- Botswana
- Bulgaria
- Cambodia
- Cameroon
- Ethiopia
- Guernsey
- Holy See
- Honduras
- Kiribati
- Myanmar
- Namibia
- Nigeria
- Réunion
- Romania
- Uruguay
- Vanuatu
- Americas
- Eurasia
- Argentina
- Maldives
- Mongolia
- Pakistan
- Paraguay
- Pitcairn
- Viet Nam
- Zimbabwe
- Caribbean
- Antarctica
- Australia
- Kazakhstan

- Curaçao
- Djibouti
- Dominica
- Eswatini
- Lebanon
- Lesotho
- Liberia
- Mayotte
- Morocco
- Senegal
- Somalia
- Tokelau
- Tunisia
- Ukraine
- Gibraltar
- Greenland
- Guatemala
- Indonesia
- Malaysia
- Portugal
- Slovakia
- Slovenia
- Suriname
- Thailand
- Azerbaijan
- Bangladesh
- Cabo Verde
- Costa Rica
- Guadeloupe
- Singapore

- Kyrgyzstan
- Lithuania
- Mauritius
- Nicaragua
- Luxembourg
- Madagascar
- Martinique
- Montenegro
- Montserrat
- Australasia
- Middle East
- Burkina Faso
- Cook Islands
- Mauritania
- South Sudan
- Switzerland
- Timor-Leste
- CIS and Asia
- North Africa
- Saudi Arabia
- Sierra Leone
- South Africa
- Turkmenistan
- Baltic States
- Côte d'Ivoire
- Liechtenstein
- New Caledonia
- Taiwan, China
- Africa/Eurasia
- Central America

- Sri Lanka
- Afghanistan
- El Salvador
- Isle of Man
- Mozambique
- San Marino
- Seychelles
- Tajikistan
- Uzbekistan
- Netherlands
- New Zealand
- Philippines
- Puerto Rico
- Saint Lucia
- Bouvet Island
- Faroe Islands
- French Guinea
- Guinea-Bissau
- Saint Helena
- North America
- South America
- Åland Islands
- American Samoa
- Cayman Islands
- Central Europe
- Eastern Europe
- Western Europe
- Norfolk Island
- Western Sahara
- Nordic countries

- Southern Europe
- French Polynesia
- North Macedonia
- Solomon Islands
- Papua New Guinea
- Saint Barthélemy
- Europe and Africa
- Dominican Republic
- Republic of Korea
- Bosnia & Herzegovina
- Hong Kong SAR, China
- Republic of Moldova
- Trinidad and Tobago
- Eastern Europe & CIS
- British Virgin Islands
- Saint Kitts and Nevis
- Sao Tome and Principe
- Africa and Middle East
- Asia Middle East (AME)
- Northern Mariana Islands
- Turks and Caicos Islands
- United States of America
- Iran (Islamic Republic of)
- Saint Pierre and Miquelon
- United Republic of Tanzania
- Latin or South America (LSA)
- United States Virgin Islands
- British Indian Ocean Territory
- Svalbard and Jan Mayen Islands
- Lao People's Democratic Republic

- Brunei Darussalam
- Christmas Islands
- Equatorial Guinea
- Marshall Islands
- Asia, Australasia
- Antigua and Barbuda
- Russian Federation
- State of Palestine
- CIS & Baltic States
- Gulf of Mexico (GOM)
- Middle and Near East
- Syrian Arab Republic
- United Arab Emirates
- Latin America (LATAM)
- Asia Pacific (or JAPA)
- Cocos (Keeling) Islands
- Asia Pacific and Africa
- Central African Republic
- Africa and Latin America
- Sint Maarten (Dutch part)
- Wallis and Futuna Islands
- Falkland Islands (Malvinas)
- French Southern Territories
- Saint Martin (French part)
- Bolivia (Plurinational State of)
- Democratic Republic of the Congo
- CEE (Central and Eastern Europe)
- Bonaire, Sint Eustatius and Saba
- Heard Island and McDonald Islands
- Middle East and North Africa (MENA)

- Micronesia (Federated States of)
- Saint Vincent and the Grenadines
- Latin America and Caribbean (LAC)
- Venezuela (Bolivarian Republic of)
- Commonwealth of Independent States (CIS)
- Asia, Australasia, Middle East and Africa
- China, Macao Special Administrative Region
- South Georgia and the South Sandwich Islands
- Eastern Europe, Middle East, and Africa (EEMEA)

- Democratic People's Republic of Korea
- United States Minor Outlying Islands
- Europe, Middle East and Africa (EMEA)
- US, Latin America and Caribbean (USLAC)
- Southern Europe, Middle East and Africa (SEMEA)
- United Kingdom of Great Britain and Northern Ireland
- Europe, the Middle East, Africa and Russian Federation (EMEAR)
- Other, please specify

(4.11.1.6) Your organization's position on the policy, law, or regulation

Select from:

- Oppose
- Neutral
- Undecided
- Support with no exceptions
- Support with minor exceptions
- Support with major exceptions

(4.11.1.7) Details of any exceptions and your organization's proposed alternative approach to the policy, law, or regulation

Rich text input [must be under 2500 characters]

(4.11.1.8) Type of direct engagement with policy makers on this policy, law, or regulation

Select all that apply

- Ad-hoc meetings
- Regular meetings
- Discussion in public forums
- Responding to consultations
- Provided funding or in-kind support
- Submitting written proposals/inquiries
- Participation in voluntary government programs
- Participation in working groups organized by policy makers
- Other, please specify

(4.11.1.9) Funding figure your organization provided to policy makers in the reporting year relevant to this policy, law, or regulation (currency)

Numeric input [must be between [0 - 999999999999999]]

(4.11.1.10) Explain the relevance of this policy, law, or regulation to the achievement of your environmental commitments and/or transition plan, how this has informed your engagement, and how you measure the success of your engagement

Rich text input [must be under 2500 characters]

(4.11.1.11) Indicate if you have evaluated whether your organization's engagement on this policy, law, or regulation is aligned with global environmental treaties or policy goals

Select from:

- Yes, we have evaluated, and it is aligned
- Yes, we have evaluated, and it is not aligned
- No, we have not evaluated

(4.11.1.12) Global environmental treaties or policy goals aligned with your organization's engagement on this policy, law or regulation

Select all that apply

- Paris Agreement
- Kunming-Montreal Global Biodiversity Framework
- Sustainable Development Goal 6 on Clean Water and Sanitation
- Another global environmental treaty or policy goal, please specify

[Add row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none">• Water• Climate Change	<ul style="list-style-type: none">• Financial services• Oil & Gas	<ul style="list-style-type: none">• AFi Core Principle 10• TNFD Governance C

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Forests 	<ul style="list-style-type: none"> • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • CEO WM Response: External engagement • AFi Core Principle 1 • AFi Core Principle 2 • NZAM Commitment 9

(4.11.2) Provide details of your indirect engagement on policy, law, or regulation that may (positively or negatively) impact the environment through trade associations or other intermediary organizations or individuals in the reporting year.

Row 1

(4.11.2.1) Type of indirect engagement

Select from:

- Indirect engagement via a trade association
- Indirect engagement via other intermediary organization or individual

(4.11.2.2) Type of organization or individual

Select from:

- Private company
- Start-up company
- Trust or foundation
- Research organization
- Independent consultant
- Governmental institution
- Other, please specify
- Publicly-listed company
- University or other educational institution
- International Governmental Organization (IGO)
- Non-Governmental Organization (NGO) or charitable organization
- State-Owned Enterprise (SOE)/Government-Owned Corporation (GOC)

(4.11.2.3) State the organization or position of individual

Thailand Greenhouse Gas Management Organization TGO has a mission to develop and promote greenhouse gas projects and markets as well as to promote and support climate change mitigation efforts Recognizing the importance of collaboration to achieve carbon neutrality TGO has initiated the establishment of the Thailand Carbon Neutral Network to foster partnerships among the private sector government and local communities in reducing greenhouse gas emissions This network aims to promote sust

(4.11.2.4) Trade association

Africa

- Business Unity South Africa (BUSA)
- Minerals Council South Africa
- South African Wind Energy Association (SAWEA)
- Other trade association in Africa, please specify

Asia and Pacific

- Clean Energy Council
- China Meat Association
- Australian Energy Council
- Energy Networks Australia
- Australian Hydrogen Council
- Japan Chemical Industry Association
- Japan Business Federation (Keidanren)
- Indonesian Palm Oil Association (GAPKI)
- Business Council of Australia
- Minerals Council of Australia
- Renewable Energy Council (REC)
- Japan Iron and Steel Federation
- Australian Industry Group (Ai Group)
- Hong Kong General Chamber of Commerce (HKGCC)
- Indonesia Chamber of Commerce and Industry (KADIN)
- The Japan Electrical Manufacturers' Association (JEMA)

- Confederation of Indian Industries (CII)
- Indonesia Employers Association (APINDO)

Europe

- SmartEN
- Eurometaux
- WindEurope
- Eurelectric
- FuelsEurope
- International Gas Union
- Future Water Association
- European Palm Oil Alliance (EPOA)
- German Automotive Association (VDA)
- European Seaports Organisation (ESPO)
- European Timber Trade Federation (ETTF)
- Gas Distributors for Sustainability (GD4S)
- German Chemical Industry Association (VCI)
- CEMBUREAU: The European Cement Association
- Offshore Energies UK (OEUK) (Formerly OGUK)
- European Chemical Industry Council (CEFIC) [CH only]
- European Federation of National Associations of Water Services (EurEau)
- Association of Chocolate, Biscuit and Confectionary Industries of Europe (CAOBISCO)
- European Association of Trade in Cereals, Oilseeds, Rice, Pulses, Olive Oils and Fats, and Agrosupply (COCERAL)
- Other trade association in Europe, please specify

North America

- Advanced Energy United
- National Farmers Union
- US Chamber of Commerce
- American Gas Association
- American Chemistry Council

- Federation of Indian Chambers of Commerce & Industry (FICCI)
- Other trade association in Asia and Pacific, please specify

- British Water
- BusinessEurope
- FoodDrinkEurope
- Hydrogen Europe
- SolarPower Europe
- European Steel Association (Eurofer)
- Federation of German Industries (BDI)
- European Margarine Association (IMACE)
- European Roundtable for Industry (ERT)
- Confederation of British Industry (CBI)
- Mouvement des Entreprises de France (MEDEF)
- European Automobile Manufacturers Association
- European Feed Manufacturers' Federation (FEFAC)
- Confederation of Italian Industry (Confindustria)
- EU Vegetable Oil and Proteinmeal Industry (FEDIOL)

- National Mining Association
- Portland Cement Association
- Advanced Energy Economy (AEE)
- American Petroleum Institute
- California Chamber of Commerce

- Edison Electric Institute (EII)
- Forest Products Society (FPS)
- American Public Power Association
- National Ground Water Association
- National Rural Water Association
- American Hardwood Export Council (AHEC)
- Solar Energy Industries Association (SEIA)
- American Fuel & Petrochemical Manufacturers
- Canadian Association of Petroleum Producers
- National Association of Clean Water Agencies

South America

- American Association of Port Authorities
- Brazilian Beef Exporters Association (ABIEC)
- Brazilian Grain Exporters Association (ANECA)
- Brazilian Vegetable Oil Industry Association (ABIOVE)
- Brazilian Roundtable on Sustainable Livestock (GTSP)

Global

- FutureCoal
- World Steel Association
- Consumer Goods Forum (CGF)
- Airports Council International
- Association of Water Technologies
- Global Off-Grid Lighting Association (GOGLA)
- International Association of Ports and Harbors
- International Soybean Growers Alliance (ISGA)
- International Council on Mining & Metals (ICMM)
- International Wood Products Association (IWPA)

- Alliance for Automotive Innovation
- American Water Resources Association
- National Association of Manufacturers
- American Association of Port Authorities
- National Association of Water Companies
- Business Council of Canada Business Roundtable
- Zero Emission Transportation Association (ZETA)
- American Clean Power Association (formerly AWEA)
- Other trade association in North America, please specify

- Brazilian Association of Soybean Growers (Aprosoja Brasil)
- Brazilian Confederation of Agriculture and Livestock (CNA)
- Fedepalma – National Federation of Oil Palm Growers of Colombia
- Other trade association in South America, please specify

- Global Wind Energy Council (GWEC)
- International Chamber of Shipping
- International Air Transport Association
- International Chamber of Commerce (ICC)
- International Coffee Organization (ICO)
- International Association of Oil and Gas Producers (IOGP)
- International Tropical Timber Technical Association (ATIBT)
- Other global trade association, please specify

(4.11.2.5) Environmental issues relevant to the policies, laws, or regulations on which the organization or individual has taken a position

Select all that apply

- Climate change

(4.11.2.6) Indicate whether your organization's position is consistent with the organization or individual you engage with

Select from:

- Consistent
 Inconsistent
 Mixed
 Unknown

(4.11.2.7) Indicate whether your organization attempted to influence the organization or individual's position in the reporting year

Select from:

- | | |
|--|--|
| <input type="checkbox"/> No, we do not know their position | <input type="checkbox"/> Yes, we attempted to influence them but they did not change their position |
| <input type="checkbox"/> Yes, and they have changed their position years | <input type="checkbox"/> Yes, we decided to terminate our funding/membership within the next two years |
| <input type="checkbox"/> Yes, we publicly opposed their current position | <input checked="" type="checkbox"/> No, we did not attempt to influence their position |
| <input type="checkbox"/> Yes, we publicly promoted their current position | |
| <input type="checkbox"/> Yes, we terminated our funding/membership in the reporting year | |

(4.11.2.8) Describe how your organization's position is consistent with or differs from the organization or individual's position, and any actions taken to influence their position

CP ALL a prominent company actively participates in trade associations and holds membership in the Global Compact Network Thailand GCNT Furthermore CP ALL is affiliated with TCNN and sets its objectives in accordance with the Paris Agreement

(4.11.2.9) Funding figure your organization provided to this organization or individual in the reporting year (currency)

(4.11.2.10) Describe the aim of this funding and how it could influence policy, law or regulation that may impact the environment

(4.11.2.11) Indicate if you have evaluated whether your organization's engagement is aligned with global environmental treaties or policy goals

Select from:

- Yes, we have evaluated, and it is aligned
- Yes, we have evaluated, and it is not aligned
- No, we have not evaluated

(4.11.2.12) Global environmental treaties or policy goals aligned with your organization's engagement on policy, law or regulation

Select all that apply

- Paris Agreement
- Kunming-Montreal Global Biodiversity Framework
- Sustainable Development Goal 6 on Clean Water and Sanitation
- Another global environmental treaty or policy goal, please specify :SBTi

[Add row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Climate Change • Forests 	<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods 	<ul style="list-style-type: none"> • AFi Core Principle 10 • TNFD Governance C • CEO WM Response: External engagement • AFi Core Principle 1 • AFi Core Principle 2

Environmental Issue	Questionnaire sector	Framework Alignment
	<ul style="list-style-type: none"> • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	

(4.12) Have you published information about your organization’s response to environmental issues for this reporting year in places other than your CDP response?

Select from:

- Yes
- No, but we plan to within the next two years
- No, and we do not plan to within the next two years

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Biodiversity • Climate Change • Forests 	<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods 	<ul style="list-style-type: none"> • NZAM Commitment 10 • AFi Core Principle 12

Environmental Issue	Questionnaire sector	Framework Alignment
	<ul style="list-style-type: none"> • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	

(4.12.1) Provide details on the information published about your organization’s response to environmental issues for this reporting year in places other than your CDP response. Please attach the publication.

Row 1

(4.12.1.1) Publication

Select from:

- In mainstream reports Other, please specify
- In other regulatory filings
- In voluntary communications
- In mainstream reports, in line with environmental disclosure standards or frameworks
- In voluntary sustainability reports

(4.12.1.2) Standard or framework the report is in line with

Select all that apply

- GRI
- ESRS
- IFRS
- TCFD
- TNFD
- Other, please specify

(4.12.1.3) Environmental issues covered in publication

Select all that apply

- Climate change
- Forests
- Water
- Biodiversity

(4.12.1.4) Status of the publication

Select from:

- Complete
- Underway - previous year attached
- Underway - this is our first year

(4.12.1.5) Content elements

Select all that apply

- Value chain engagement
- Dependencies & Impacts
- Public policy engagement
- Strategy
- Governance
- Other, please specify
- Emission targets
- Emissions figures
- Risks & Opportunities
- Biodiversity indicators
- Content of environmental policies

(4.12.1.6) Page/section reference

CP ALL Sustainability Report 2023 Climate change on page Water on page Biodiversity on page

(4.12.1.7) Attach the relevant publication

(4.12.1.8) Comment

CP ALL Sustainability Report 2023
[Add row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Biodiversity • Climate Change • Forests 	<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate 	<ul style="list-style-type: none"> • NZAM Commitment 10 • AFi Core Principle 12

Environmental Issue	Questionnaire sector	Framework Alignment
	• Construction	

C5. Business strategy

(5.1) Does your organization use scenario analysis to identify environmental outcomes?

Climate change

(5.1.1) Use of scenario analysis

Select from:

- Yes
- No, but we plan to within the next two years
- No, and we do not plan to within the next two years

(5.1.2) Frequency of analysis

Select from:

- Annually
- Not defined
- Every two years
- More than once a year
- On a per project basis
- First time carrying out analysis
- Every three years or less frequently

(5.1.3) Primary reason why your organization has not used scenario analysis

Select from:

- Insufficient data (size)
- Lack of internal resources, capabilities, or expertise (e.g., due to organization size)
- No standardized procedure
- Other, please specify
- Lack of available methodologies
- Not an immediate strategic priority
- Judged to be unimportant or not relevant

(5.1.4) Explain why your organization has not used scenario analysis

Rich text input [must be under 2500 characters]
[Fixed row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Climate Change • Forests 	<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • ESRS 2 • TNFD Strategy C • ESRS E4 • ESRS E1 • TCFD Strategy C • IFRS S2 22

(5.1.1) Provide details of the scenarios used in your organization's scenario analysis.

Climate change

(5.1.1.1) Scenario used

Climate transition scenarios

- DDP
 - IRENA
 - IEA 2DS
 - IEA 450
 - IEA APS
 - IEA NZE 2050
 - IEA STEPS (previously IEA NPS)
 - Bespoke climate transition scenario
 - NGFS scenarios framework, please specify
 - Customized publicly available climate transition scenario, please specify
- IEA SDS
 - BNEF NEO
 - IEA B2DS
 - IEA CPS
 - Greenpeace

Physical climate scenarios

- RCP 2.6
 - RCP 1.9
 - RCP 3.4
 - RCP 4.5
 - RCP 6.0
- RCP 7.0
 - Bespoke physical climate scenario
 - RCP 8.5
 - Customized publicly available climate physical scenario, please specify

(5.1.1.2) Scenario used SSPs used in conjunction with scenario

Select from:

- SSP1
- SSP2
- SSP3
- SSP4
- SSP5
- No SSP used

(5.1.1.3) Approach to scenario

Select from:

- Qualitative
- Quantitative
- Qualitative and quantitative

(5.1.1.4) Scenario coverage

Select from:

- Facility
- Country/area
- Product-level
- Business division
- Business activity
- Organization-wide
- Other, please specify

(5.1.1.5) Risk types considered in scenario

Select all that apply

- Policy
- Market
- Liability
- Reputation
- Technology
- Acute physical
- Chronic physical

(5.1.1.6) Temperature alignment of scenario

Select from:

- Unknown
- 2.0°C - 2.4°C
- 2.5°C - 2.9°C
- 3.0°C - 3.4°C
- 1.5°C or lower
- 3.5°C - 3.9°C
- 4.0°C and above
- 1.6°C - 1.9°C

(5.1.1.7) Reference year

(5.1.1.8) Timeframes covered

Select all that apply

- | | |
|-------------------------------|--|
| <input type="checkbox"/> 2025 | <input type="checkbox"/> 2080 |
| <input type="checkbox"/> 2030 | <input type="checkbox"/> 2090 |
| <input type="checkbox"/> 2040 | <input type="checkbox"/> 2100 |
| <input type="checkbox"/> 2060 | <input checked="" type="checkbox"/> 2050 |
| <input type="checkbox"/> 2070 | <input type="checkbox"/> Other, please specify |

(5.1.1.9) Driving forces in scenario

Local ecosystem asset interactions, dependencies and impacts

- Number of ecosystems impacted
- Changes to the state of nature
- Changes in ecosystem services provision
- Speed of change (to state of nature and/or ecosystem services)
- Climate change (one of five drivers of nature change)
- Other local ecosystem asset interactions, dependencies and impacts driving forces, please specify

Finance and insurance

- Cost of capital
- Sensitivity of capital (to nature impacts and dependencies)
- Other finance and insurance driving forces, please specify

Stakeholder and customer demands

- Consumer sentiment
- Consumer attention to impact
- Impact of nature footprint on reputation
- Sensitivity to inequity of nature impacts
- Impact of nature service delivery on consumer
- Other stakeholder and customer demands driving forces, please specify

Regulators, legal and policy regimes

- Global targets
- Global regulation
- Level of action (from local to global)
- Methodologies and expectations for science-based targets
- Political impact of science (from galvanizing to paralyzing)

Other regulators, legal and policy regimes driving forces, please specify

Relevant technology and science

- Granularity of available data (from aggregated to local)
- Data regime (from closed to open)
- Other relevant technology and science driving forces, please specify

Direct interaction with climate

- On asset values, on the corporate
- Perception of efficacy of climate regime
- Other direct interaction with climate driving forces, please specify

Macro and microeconomy

- Domestic growth
- Globalizing markets
- Other macro and microeconomy driving forces, please specify

(5.1.1.10) Assumptions, uncertainties and constraints in scenario

This scenario is aligned with Representative Concentration Pathway 85 RCP85 Indicators and factors used for the assessment as follows

- 1 Areas The central area of Thailand where focus on the provinces located near the gulf of Thailand and surrounding area reported impacts on the water quality Bangkok Samutprakarn Nonthaburi Pathum thani Saraburi Nakhonpathom Samutsakorn Chachoengsao and Prachinburi provinces*
- 2 Cost associated with water filtration the cost is determined by shorten life service time of membrane or filter*
- 3 Cost associated with procuring fresh water in order to maintain quality and service of the store fresh water is required to procure from other sources The volume is reflecting washing and cleaning activities excluding drinking or production*
- 4 Value of losing opportunity to sale specific products that got impacted from brackish water in order to maintain quality of the products drinkable products and beverages that prepare or brew at store assumed will be nonavailable on the specific period The brackish water will have impacts on these products quality Sensitivity testing factor is focusing exposure time of these impacts default at 30 days to the business which aims to identify maximum days that cause impacts on the business at the threshold as 1 of*

sale The lower sensitivity analysis is indicating low impacts from the climate change and aligned with RCP26 where the globe is maintain temperature at well below 2C

(5.1.1.11) Rationale for choice of scenario

The mean sea level is rising up due to the impact of climate change Due to the NASA Global Climate Change Vital Signs of the Planet reports the observing land ice is having rate of change decreasing 151 billion metric tons per year The Antarctica mass variation since 2002 is decreasing trend which the present period 20192020 variation range is around 2000 to 3000 Gt

Climate change

(5.1.1.1) Scenario used

Climate transition scenarios

- | | |
|--|-------------------------------------|
| <input type="checkbox"/> DDP | <input type="checkbox"/> IEA SDS |
| <input type="checkbox"/> IRENA | <input type="checkbox"/> BNEF NEO |
| <input type="checkbox"/> IEA 2DS | <input type="checkbox"/> IEA B2DS |
| <input type="checkbox"/> IEA 450 | <input type="checkbox"/> IEA CPS |
| <input type="checkbox"/> IEA APS | <input type="checkbox"/> Greenpeace |
| <input type="checkbox"/> IEA NZE 2050 | |
| <input type="checkbox"/> IEA STEPS (previously IEA NPS) | |
| <input type="checkbox"/> Bespoke climate transition scenario | |
| <input type="checkbox"/> NGFS scenarios framework, please specify | |
| <input type="checkbox"/> Customized publicly available climate transition scenario, please specify | |

Physical climate scenarios

- | | |
|----------------------------------|--|
| <input type="checkbox"/> RCP 1.9 | <input type="checkbox"/> RCP 8.5 |
| <input type="checkbox"/> RCP 3.4 | <input type="checkbox"/> Bespoke physical climate scenario |
| <input type="checkbox"/> RCP 4.5 | <input checked="" type="checkbox"/> RCP 2.6 |
| <input type="checkbox"/> RCP 6.0 | <input type="checkbox"/> Customized publicly available climate physical scenario, please specify |
| <input type="checkbox"/> RCP 7.0 | |

(5.1.1.2) Scenario used SSPs used in conjunction with scenario

Select from:

- SSP1
- SSP2
- SSP3
- SSP4
- SSP5
- No SSP used

(5.1.1.3) Approach to scenario

Select from:

- Qualitative
- Quantitative
- Qualitative and quantitative

(5.1.1.4) Scenario coverage

Select from:

- Facility
- Country/area
- Product-level
- Business division
- Business activity
- Organization-wide
- Other, please specify

(5.1.1.5) Risk types considered in scenario

Select all that apply

- Policy
- Market
- Liability
- Reputation
- Acute physical
- Chronic physical

Technology

(5.1.1.6) Temperature alignment of scenario

Select from:

Unknown

2.0°C - 2.4°C

2.5°C - 2.9°C

3.0°C - 3.4°C

1.5°C or lower

3.5°C - 3.9°C

4.0°C and above

1.6°C - 1.9°C

(5.1.1.7) Reference year

2020

(5.1.1.8) Timeframes covered

Select all that apply

2025

2030

2040

2060

2070

2080

2090

2100

2050

Other, please specify

(5.1.1.9) Driving forces in scenario

Local ecosystem asset interactions, dependencies and impacts

Number of ecosystems impacted

Changes to the state of nature

Changes in ecosystem services provision

Speed of change (to state of nature and/or ecosystem services)

Climate change (one of five drivers of nature change)

Other local ecosystem asset interactions, dependencies and impacts driving forces, please specify

Finance and insurance

- Cost of capital
- Sensitivity of capital (to nature impacts and dependencies)
- Other finance and insurance driving forces, please specify

Stakeholder and customer demands

- Consumer sentiment
- Consumer attention to impact
- Impact of nature footprint on reputation
- Sensitivity to inequity of nature impacts
- Impact of nature service delivery on consumer
- Other stakeholder and customer demands driving forces, please specify

Regulators, legal and policy regimes

- Global targets
- Global regulation
- Level of action (from local to global)
- Methodologies and expectations for science-based targets
- Political impact of science (from galvanizing to paralyzing)
- Other regulators, legal and policy regimes driving forces, please specify

Relevant technology and science

- Granularity of available data (from aggregated to local)
- Data regime (from closed to open)
- Other relevant technology and science driving forces, please specify

Direct interaction with climate

- On asset values, on the corporate
- Perception of efficacy of climate regime
- Other direct interaction with climate driving forces, please specify

Macro and microeconomy

- Domestic growth

- Globalizing markets
- Other macro and microeconomy driving forces, please specify

(5.1.1.10) Assumptions, uncertainties and constraints in scenario

This scenario is aligned with Representative Concentration Pathway 85 RCP85 Indicators and factors used for the assessment Areas The central area of Thailand where focus on the provinces located near the gulf of Thailand and surrounding area reported impacts on the water quality Bangkok Samutprakarn Nonthaburi Pathum thani Saraburi Nakhonpathom Samutsakorn Chachoengsao and Prachinburi provinces Cost associated with water filtration the cost is determined by shorten life service time of membrane or filter Cost associated with procuring fresh water in order to maintain quality and service of the store fresh water is required to procure from other sources The volume is reflecting washing and cleaning activities excluding drinking or production Value of losing opportunity to sale specific products that got impacted from brackish water in order to maintain quality of the products drinkable products and beverages that prepare or brew at store assumed will be nonavailable on the specific period The brackish water will have impacts on these products quality Sensitivity testing factor is focusing exposure time of these impacts default at 30 days to the business which aims to identify maximum days that cause impacts on the business at the threshold as 1 of sale The lower sensitivity analysis is indicating low impacts from the climate change and aligned with RCP26 where the globe is maintain temperature at well below 2C

(5.1.1.11) Rationale for choice of scenario

The mean sea level is rising up due to the impact of climate change Due to the NASA Global Climate Change Vital Signs of the Planet reports the observing land ice is having rate of change decreasing 151 billion metric tons per year The Antarctica mass variation since 2002 is decreasing trend which the present period 20192020 variation range is around 2000 to 3000 Gt

Climate change

(5.1.1.1) Scenario used

Climate transition scenarios

- | | |
|--|-------------------------------------|
| <input type="checkbox"/> DDP | <input type="checkbox"/> IEA SDS |
| <input type="checkbox"/> IRENA | <input type="checkbox"/> BNEF NEO |
| <input type="checkbox"/> IEA 2DS | <input type="checkbox"/> IEA B2DS |
| <input type="checkbox"/> IEA 450 | <input type="checkbox"/> IEA CPS |
| <input type="checkbox"/> IEA APS | <input type="checkbox"/> Greenpeace |
| <input type="checkbox"/> IEA STEPS (previously IEA NPS) | |
| <input type="checkbox"/> Bespoke climate transition scenario | |
| <input checked="" type="checkbox"/> IEA NZE 2050 | |

- NGFS scenarios framework, please specify
- Customized publicly available climate transition scenario, please specify

Physical climate scenarios

- RCP 1.9
- RCP 3.4
- RCP 4.5
- RCP 6.0
- RCP 7.0
- RCP 8.5
- RCP 2.6
- Bespoke physical climate scenario
- Customized publicly available climate physical scenario, please specify

(5.1.1.2) Scenario used SSPs used in conjunction with scenario

Select from:

- SSP1
- SSP2
- SSP3
- SSP4
- SSP5
- No SSP used

(5.1.1.3) Approach to scenario

Select from:

- Qualitative
- Quantitative
- Qualitative and quantitative

(5.1.1.4) Scenario coverage

Select from:

- Facility
- Country/area
- Product-level
- Organization-wide
- Other, please specify

- Business division
- Business activity

(5.1.1.5) Risk types considered in scenario

Select all that apply

- Market
- Liability
- Reputation
- Technology
- Acute physical
- Chronic physical
- Policy

(5.1.1.6) Temperature alignment of scenario

Select from:

- Unknown
- 2.0°C - 2.4°C
- 2.5°C - 2.9°C
- 3.0°C - 3.4°C
- 1.5°C or lower
- 3.5°C - 3.9°C
- 4.0°C and above
- 1.6°C - 1.9°C

(5.1.1.7) Reference year

2023

(5.1.1.8) Timeframes covered

Select all that apply

- 2025
- 2040
- 2060
- 2070
- 2080
- 2090
- 2100
- 2050
- 2030
- Other, please specify

(5.1.1.9) Driving forces in scenario

Local ecosystem asset interactions, dependencies and impacts

- Number of ecosystems impacted
- Changes to the state of nature
- Changes in ecosystem services provision
- Climate change (one of five drivers of nature change)
- Speed of change (to state of nature and/or ecosystem services)
- Other local ecosystem asset interactions, dependencies and impacts driving forces, please specify

Finance and insurance

- Cost of capital
- Sensitivity of capital (to nature impacts and dependencies)
- Other finance and insurance driving forces, please specify

Stakeholder and customer demands

- Consumer sentiment
- Consumer attention to impact
- Impact of nature footprint on reputation
- Sensitivity to inequity of nature impacts
- Impact of nature service delivery on consumer
- Other stakeholder and customer demands driving forces, please specify

Regulators, legal and policy regimes

- Global regulation
- Level of action (from local to global)
- Political impact of science (from galvanizing to paralyzing)
- Global targets
- Methodologies and expectations for science-based targets
- Other regulators, legal and policy regimes driving forces, please specify

Relevant technology and science

- Granularity of available data (from aggregated to local)
- Data regime (from closed to open)

Other relevant technology and science driving forces, please specify

Direct interaction with climate

On asset values, on the corporate

Perception of efficacy of climate regime

Other direct interaction with climate driving forces, please specify

Macro and microeconomy

Domestic growth

Globalizing markets

Other macro and microeconomy driving forces, please specify

(5.1.1.10) Assumptions, uncertainties and constraints in scenario

For other sources of GHG emission the Company is on track to measure monitor and manage which will include this scope in the corporate strategy One of scenario used are IEA NZE 2050 scenario business operates according to Business as Usual BAU case 8 growth reduction of GHG emissions at 42 each year as implementing GHG emissions reduction and implementing carbon offsetting targeting to be carbon neutral or net zero carbon at 2030 this scenario is aligned with the sciencebased target at below 2C as implementing GHG emissions reduction

(5.1.1.11) Rationale for choice of scenario

*Forecasting information for GHG emission 2030 by considering the Groupwide performance the scope has covered fugitive emission adding refrigerants consumption since 2018 which reflect management control capping the emissions growth
[Add row]*

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Climate Change • Forests 	<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM 	<ul style="list-style-type: none"> • ESRS 2 • TNFD Strategy C • ESRS E4 • ESRS E1 • TCFD Strategy C • IFRS S2 22

Environmental Issue	Questionnaire sector	Framework Alignment
	<ul style="list-style-type: none"> • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	

(5.1.2) Provide details of the outcomes of your organization’s scenario analysis.

Climate change

(5.1.2.1) Business processes influenced by your analysis of the reported scenarios

Select all that apply

- Capacity building
- Scenario analysis has not influenced our business processes
- Strategy and financial planning
- Target setting and transition planning
- Resilience of business model and strategy
- Risk and opportunities identification, assessment and management
- Other, please specify

(5.1.2.2) Coverage of analysis

Select from:

- Facility
- Product-level
- Organization-wide
- Business division
- Country/area/region

- Business activity
- Other, please specify

(5.1.2.3) Summarize the outcomes of the scenario analysis and any implications for other environmental issues

For Scenario Analysis of Physical Risk Risks of increasing sea level and erosion of brackish water due to climate change The Company developed comprehensive risk policy and risk management plan governed by Risk Management Committee Climate change risk has been integrated as a risk factor against the Companys business operations aiming to review risk management approach thoroughly at least twice a year This ensures risk management is aligned and is part of the decision behind determining business operation strategy Simultaneously the Company set up for Flood Scenario Preparation plans for 7Eleven stores by studying for consistency with natural disaster statistics coupled with the public sectors risk assessment data such as spatial climate changeinduced risk database This could be used to substantiate risk assessment of store branches in each areas to develop business continuity plans and postincident restoration plan The extent includes reports on impacts from rising sea levels which may trigger floods and hightides subsequently culminating in saltwater instruction directly to Risk Management Committee This enables stipulation of directions and identification of crisis mitigation approach such as Changes for highquality water filters that could affectively filter salinity Review and adjust conditions to select branch stores location with considerations to the increasing sea level impacts Set up waterresilient store project to ready branch stores against floods starting from the process of designing midincident to designing for mobility in case of relocation when needed Establish restoration plan for branch stores postfloods Protection and adaptation plans The results have been reported to the corporate governance and sustainability development subcommittees in order to obtain directions and discussion the action needed to protect or mitigate the foreseeable impacts The progress of the plans will be reports to the Sustainability and Corporate Governance Committee periodically Upgrade water filtration machine to have higher capacity dealing with salinity Update store selection criteria by considering the sea level rise impacts Collaboration with water supply to ensure fresh water availability during the period Support and engage with local community to make understanding and ensure water accessibility of locals and valuable groups Support farmer by associated with the expert on the protection plan and good agricultural practices For Scenario Analysis of Transition Risk Carbon offsetting Carbon offsetting cost on target year 2030 scenarios Carbon Emissions CEF2030 498738 million THB Target limited GHGs growth at 4 NDC scenario 341983 million THB Target GHGs reduction at 42 each year IEA NZE 2050 scenario 289268 million THB
 [Fixed row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Climate Change • Forests 	<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods 	<ul style="list-style-type: none"> • TCFD Strategy B • TNFD Strategy C • ESRS E4 • IFRS S2 25 • ESRS E1

Environmental Issue	Questionnaire sector	Framework Alignment
	<ul style="list-style-type: none"> • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • TCFD Strategy C • IFRS S2 22

(5.2) Does your organization’s strategy include a climate transition plan?

(5.2.1) Transition plan

Select from:

- Yes, we have a climate transition plan which aligns with a 1.5°C world
- No, but we have a climate transition plan with a different temperature alignment
- No, but we are developing a climate transition plan within the next two years
- No and we do not plan to develop a climate transition plan within the next two years

(5.2.2) Temperature alignment of transition plan

Select from:

- Well-below 2°C aligned

- 2°C aligned
- Other, please specify

(5.2.3) Publicly available climate transition plan

Select from:

- Yes
- No

(5.2.4) Plan explicitly commits to cease all spending on, and revenue generation from, activities that contribute to fossil fuel expansion

Select from:

- Yes
- No, but we plan to add an explicit commitment within the next two years
- No, and we do not plan to add an explicit commitment within the next two years

(5.2.5) Description of activities included in commitment and implementation of commitment

Rich text input [must be under 2500 characters]

(5.2.6) Explain why your organization does not explicitly commit to cease all spending on and revenue generation from activities that contribute to fossil fuel expansion

Rich text input [must be under 2500 characters]

(5.2.7) Mechanism by which feedback is collected from shareholders on your climate transition plan

Select from:

- Not applicable as our organization does not have shareholders
- Our climate transition plan is voted on at Annual General Meetings (AGMs)
- We do not have a feedback mechanism in place, but we plan to introduce one within the next two years
- Our climate transition plan is voted on at AGMs and we also have an additional feedback mechanism in place

We do not have a feedback mechanism in place, and we do not plan to introduce one within the next two years

We have a different feedback mechanism in place

(5.2.8) Description of feedback mechanism

CP ALL are taking feedback on our transition plan from our major shareholder Charoen Pokphand Group CP group and working to align ourselves to their ambition

(5.2.9) Frequency of feedback collection

Select from:

More frequently than annually

Annually

Less frequently than annually

(5.2.10) Description of key assumptions and dependencies on which the transition plan relies

CPALL are working to align ourselves to their ambition of carbon neutral by 2030 and Net zero by 2050

(5.2.11) Description of progress against transition plan disclosed in current or previous reporting period

CPALL are currently working on our transition plan disclosure and will adapt a different feedback mechanism in the near future Furthermore we communicate about our climate ambitions strategy and targets through our Annual Report and Sustainability Report which are available for feedback from all stakeholder groups including shareholders

(5.2.12) Attach any relevant documents which detail your climate transition plan (optional)

(5.2.13) Other environmental issues that your climate transition plan considers

Select all that apply

Water

Other, please specify

Forests

No other environmental issue considered

Plastics

Biodiversity

(5.2.14) Explain how the other environmental issues are considered in your climate transition plan

Plastics Biodiversity

(5.2.15) Primary reason for not having a climate transition plan that aligns with a 1.5°C world

Select from:

- Lack of internal resources, capabilities, or expertise (e.g., due to organization size)
- No standardized procedure
- Not an immediate strategic priority
- Judged to be unimportant or not relevant
- Other, please specify

(5.2.16) Explain why your organization does not have a climate transition plan that aligns with a 1.5°C world

Rich text input [must be under 2500 characters]

[Fixed row]

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none">• Financial services• Oil & Gas• Coal• General• Capital goods• Transport OEMS - EPM• Chemicals• Metals & mining• Transport services• Steel	<ul style="list-style-type: none">• ESRS 2• TCFD Strategy B• NZAM Commitment 10• IFRS S2 14• ESRS E1	<ul style="list-style-type: none">• Climate Change

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none"> • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 		

(5.3) Have environmental risks and opportunities affected your strategy and/or financial planning?

(5.3.1) Environmental risks and/or opportunities have affected your strategy and/or financial planning

Select from:

- No
- Yes, financial planning only
- Yes, both strategy and financial planning
- We have not evaluated whether environmental risks and opportunities have affected our strategy and financial planning, but plan to do so within the next two years
- We have not evaluated whether environmental risks and opportunities have affected our strategy and financial planning, and do not plan to do so within the next two years
- Yes, strategy only

(5.3.2) Business areas where environmental risks and/or opportunities have affected your strategy

Select all that apply

- Products and services
- Upstream/downstream value chain
- Investment in R&D
- Operations

(5.3.3) Primary reason why environmental risks and/or opportunities have not affected your strategy and/or financial planning

Select from:

- Lack of internal resources, capabilities, or expertise (e.g., due to organization size)
- No standardized procedure
- Not an immediate strategic priority
- Judged to be unimportant or not relevant
- Other, please specify

(5.3.4) Explain why environmental risks and/or opportunities have not affected your strategy and/or financial planning

CP ALL is currently developing a climate change strategy and roadmap for the years 2024-2030 to aligning corporate strategy
 [Fixed row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Climate Change • Forests 	<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement 	<ul style="list-style-type: none"> • TNFD Strategy B

Environmental Issue	Questionnaire sector	Framework Alignment
	<ul style="list-style-type: none"> • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	

(5.3.1) Describe where and how environmental risks and opportunities have affected your strategy.

Products and services

(5.3.1.1) Effect type

Select all that apply

- Risks
- Opportunities

(5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area

Select all that apply

- Climate change

(5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

Influences on Strategy Climate risks and opportunities have influenced 7 Go Green strategy of CP ALL especially in 2 areas Green Living and Green Packaging Various initiatives under these two substrategies are mainly driven by shifting consumer preferences towards green products and current regulation regarding plastic waste Currently the objectives and key initiatives of 7 Go Green Strategy are planned with time horizon up until 2030 Examples of the substantial strategic decision Green Living One of the most significant strategic decisions made was 1 The launch of campaign Reduce a Bag a Day You Can Do It which help reducing single use plastic waste and associated GHG emission in packaging production This led to both financial saving and successful customer engagement 2 The development of low carbon products that are certified with Carbon Footprint Reduction CFR label by a nationally recognized organization Thailand Greenhouse Gas Management Organization TGO Green Packaging One of the most significant strategic decisions made was the integration of circular economy concept in packaging design by reducing materials used or using more sustainable substitutes eg strawfree cup lid lowplastic rice bowl PVCfree packaging Ultimately CP ALL set a longterm target to convert 100 of the utilized plastic packaging in private brand to be reusable or recyclable or compostable by 2025

Upstream/downstream value chain

(5.3.1.1) Effect type

Select all that apply

- Risks
- Opportunities

(5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area

Select all that apply

- Climate change

(5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

Rich text input [must be under 3000 characters]

Investment in R&D

(5.3.1.1) Effect type

Select all that apply

- Risks
- Opportunities

(5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area

Select all that apply

- Climate change

(5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

Rich text input [must be under 3000 characters]

Operations

(5.3.1.1) Effect type

Select all that apply

- Risks
- Opportunities

(5.3.1.2) Environmental issues relevant to the risks and/or opportunities that have affected your strategy in this area

Select all that apply

- Climate change

(5.3.1.3) Describe how environmental risks and/or opportunities have affected your strategy in this area

Influences on Strategy Climate risks and opportunities has influenced 7 Go Green strategy of CP ALL especially in 2 areas Green Store and Green Logistic Various initiatives under these two substrategies are mainly driven by emerging regulation on building energy efficiency and refrigerant improvement and increased access to renewable energy CP ALL aim to use 13107149 MWh of renewable energy Currently the objectives and key initiatives of 7 Go Green Strategy are planned with time horizon up until 2030 Furthermore physical climate risks such as flooding was embedded in corporatwide risk management strategy that the establishment of new facilities are required to be evaluated for flood risks Flood insurance coverage and flood response plan are ensured for facilities in flood prone areas Examples of the substantial strategic decision Green Store The continuous improvement of store energy efficiency is captured in Green Store substrategy One of the most significant strategic decisions made in 2023 was to invest 245 million THB in energy saving project This can be reduced electricity energy sources amounting to 64958 MWh and GHG emission by 28711 tCO_{2e} The Company's goal in 2030 is to reduce total energy usage growth by 25 compared to Business as Usual BAU Green Logistic One of the most significant strategic decisions made was on Electric Vehicle EV Project a pilot project to utilize electric transport vehicles within the transportation and delivery system 1749 vehicles which reduced GHG emission by 1020 tCO_{2e}

[Add row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Climate Change • Forests 	<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals 	<ul style="list-style-type: none"> • ESRS 2 • IFRS S2 13 • TCFD Strategy B • TNFD Strategy C • IFRS S2 14 • CEO WM Response: Policies, governance, and targets

Environmental Issue	Questionnaire sector	Framework Alignment
	<ul style="list-style-type: none"> • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • TNFD Strategy B • ESRS E1

(5.3.2) Describe where and how environmental risks and opportunities have affected your financial planning.

Row 1

(5.3.2.1) Financial planning elements that have been affected

Select all that apply

- | | |
|--|---|
| <input type="checkbox"/> Assets
<input type="checkbox"/> Revenues
<input type="checkbox"/> Liabilities
<input type="checkbox"/> Direct costs
<input type="checkbox"/> Indirect costs | <input type="checkbox"/> Access to capital
<input type="checkbox"/> Capital allocation
<input type="checkbox"/> Capital expenditures
<input type="checkbox"/> Acquisitions and divestments
<input type="checkbox"/> Other, please specify |
|--|---|

(5.3.2.2) Effect type

Select all that apply

- Risks

Opportunities

(5.3.2.3) Environmental issues relevant to the risks and/or opportunities that have affected these financial planning elements

Select all that apply

Climate change

(5.3.2.4) Describe how environmental risks and/or opportunities have affected these financial planning elements

Rich text input [must be under 2500 characters]

[Add row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none">• Water• Climate Change• Forests	<ul style="list-style-type: none">• Financial services• Oil & Gas• Coal• General• Capital goods• Transport OEMS - EPM• Chemicals• Metals & mining• Transport services• Steel• Agricultural commodities• Electric utilities• Transport OEMS• Cement• Food, beverage & tobacco• Paper & forestry	<ul style="list-style-type: none">• ESRS 2• TCFD Strategy B• TNFD Strategy C• IFRS S2 14• CEO WM Response: Policies, governance, and targets• TNFD Strategy B• ESRS E1• IFRS S2 16

Environmental Issue	Questionnaire sector	Framework Alignment
	<ul style="list-style-type: none"> • Real estate • Construction 	

(5.4) In your organization’s financial accounting, do you identify spending/revenue that is aligned with your organization’s climate transition?

	Identification of spending/revenue that is aligned with your organization’s climate transition	Methodology or framework used to assess alignment with your organization’s climate transition	Indicate the level at which you identify the alignment of your spending/revenue with a sustainable finance taxonomy
	<i>Select from:</i> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, but we plan to in the next two years <input type="checkbox"/> No, and we do not plan to in the next two years	<i>Select all that apply</i> <input type="checkbox"/> A sustainable finance taxonomy <input type="checkbox"/> Other methodology or framework	<i>Select from:</i> <input type="checkbox"/> At both the organization and activity level <input type="checkbox"/> At the organization level only

[Fixed row]

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none"> • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel 	<ul style="list-style-type: none"> • ESRS 2 • ESRS E1 	<ul style="list-style-type: none"> • Climate Change

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none"> • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 		

(5.4.1) Quantify the amount and percentage share of your spending/revenue that is aligned with your organization’s climate transition.

Row 1

(5.4.1.1) Methodology or framework used to assess alignment

Select from:

- A sustainable finance taxonomy
- Other, please specify

(5.4.1.2) Taxonomy under which information is being reported

Select from:

- EU Taxonomy for Sustainable Activities
- Other, please specify

(5.4.1.3) Objective under which alignment is being reported

Select from:

- Climate change mitigation

- Climate change adaptation
- Total across climate change mitigation and climate change adaptation

(5.4.1.4) Indicate whether you are reporting eligibility information for the selected objective

Select from:

- Yes
- No

(5.4.1.5) Financial metric

Select from:

- Revenue/Turnover
- CAPEX
- OPEX
- Other, please specify

(5.4.1.6) Amount of selected financial metric that is aligned in the reporting year (currency)

Numeric input

(5.4.1.7) Percentage share of selected financial metric aligned in the reporting year (%)

Numeric input

(5.4.1.8) Percentage share of selected financial metric planned to align in 2025 (%)

Numeric input

(5.4.1.9) Percentage share of selected financial metric planned to align in 2030 (%)

Numeric input

(5.4.1.10) Percentage share of financial metric that is taxonomy-eligible in the reporting year (%)

Numeric input [must be between [0 - 100]

(5.4.1.11) Percentage share of financial metric that is taxonomy non-eligible in the reporting year (%)

Numeric input [must be between [0 - 100]

(5.4.1.12) Details of the methodology or framework used to assess alignment with your organization's climate transition

Rich text input [must be under 4000 characters]

[Add row]

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none">• Oil & Gas• Coal• General• Capital goods• Transport OEMS - EPM• Chemicals• Metals & mining• Transport services• Steel• Agricultural commodities• Electric utilities• Transport OEMS• Cement• Food, beverage & tobacco• Paper & forestry• Real estate• Construction	<ul style="list-style-type: none">• ESRS 2• ESRS E1	<ul style="list-style-type: none">• Climate Change

(5.4.2) Quantify the percentage share of your spending/revenue that was associated with eligible and aligned activities under the sustainable finance taxonomy in the reporting year.

Row 1

(5.4.2.1) Economic activity

Select from:

- Education
- Reinsurance
- Desalination
- Afforestation
- Transport of CO2
- Airport infrastructure
- Freight rail transport
- Storage of electricity
- Composting of bio-waste
- Manufacture of chlorine
- Manufacturing of aircraft
- Storage of thermal energy
- Manufacture of nitric acid
- Manufacture of carbon black
- Residential care activities
- Manufacture of anhydrous ammonia
- Renovation of existing buildings
- Infrastructure for rail transport
- Low carbon airport infrastructure
- Freight transport services by road
- District heating/cooling distribution
- Electricity generation from bioenergy
- Forest management
- Leasing of aircraft
- Storage of hydrogen
- Conservation forestry
- Manufacture of cement
- Manufacture of soda ash
- Restoration of wetlands
- Manufacture of aluminium
- Manufacture of batteries
- Manufacture of hydrogen
- Construction of new buildings
- Manufacture of iron and steel
- Inland freight water transport
- Anaerobic digestion of bio-waste
- Inland passenger water transport
- Infrastructure for water transport
- Passenger interurban rail transport
- Anaerobic digestion of sewage sludge
- Landfill gas capture and utilization
- Passenger and freight air transport
- Manufacture of organic basic chemicals
- Production of heat/cool from bioenergy

- Acquisition and ownership of buildings
- Electricity generation from hydropower
- Electricity generation from wind power
- Production of heat/cool using waste heat
- Sea and coastal passenger water transport
- Material recovery from non-hazardous waste
- Creative, arts and entertainment activities
- Manufacture of other low carbon technologies
- Data processing, hosting and related activities
- Manufacture of rail rolling stock constituents
- Renewal of waste water collection and treatment
- Underground permanent geological storage of CO2
- Electricity generation from fossil gaseous fuels
- Production of heat/cool from solar thermal heating
- Close to market research, development and innovation
- Flood risk prevention and protection infrastructure
- Libraries, archives, museums and cultural activities
- Manufacture of low carbon technologies for transport
- Computer programming, consultancy and related activities
- Manufacture of energy efficiency equipment for buildings
- Renewal of water collection, treatment and supply systems
- Cogeneration of heat/cool and power from geothermal energy
- Electricity generation using solar photovoltaic technology
- Professional services related to energy performance of buildings
- Software enabling physical climate risk management and adaptation
- Research, development and innovation for direct air capture of CO2
- Installation, maintenance and repair of energy efficiency equipment
- Electricity generation from nuclear energy in existing installations
- Electricity generation from renewable non-fossil gaseous and liquid fuels
- Manufacture of biogas and biofuels for use in transport and of bioliquids
- Manufacture of plastics in primary form
- Programming and broadcasting activities
- Air transport ground handling operations
- Manufacture of renewable energy technologies
- Transmission and distribution of electricity
- Disaster risk management - Emergency services
- Electricity generation from geothermal energy
- Production of heat/cool from geothermal energy
- Installation and operation of electric heat pumps
- Manufacture of automotive and mobility components
- Cogeneration of heat/cool and power from bioenergy
- Data-driven solutions for GHG emissions reductions
- Infrastructure enabling low-carbon water transport
- Cogeneration of heat/cool and power from solar energy
- Electricity generation from ocean energy technologies
- Infrastructure for personal mobility, cycle logistics
- Urban and suburban transport, road passenger transport
- Operation of personal mobility devices, cycle logistics
- Non-life insurance: underwriting of climate-related perils
- Infrastructure enabling road transport and public transport
- Retrofitting of inland water passenger and freight transport
- Consultancy for physical climate risk management and adaptation
- Manufacture of equipment for the production and use of hydrogen
- Installation, maintenance and repair of renewable energy technologies
- Retrofitting of sea and coastal freight and passenger water transport
- Transport by motorbikes, passenger cars and light commercial vehicles
- Electricity generation using concentrated solar power (CSP) technology
- Infrastructure enabling low-carbon road transport and public transport

- Transmission and distribution networks for renewable and low-carbon gases
- Production of heat/cool from renewable non-fossil gaseous and liquid fuels
- Construction, extension and operation of waste water collection and treatment
- Collection and transport of non-hazardous waste in source segregated fractions
- High-efficiency co-generation of heat/cool and power from fossil gaseous fuels
- Cogeneration of heat/cool and power from renewable non-fossil gaseous and liquid fuels
- Construction, extension and operation of water collection, treatment and supply systems
- Sea and coastal freight water transport, vessels for port operations and auxiliary activities
- Engineering activities and related technical consultancy dedicated to adaptation to climate change
- Production of heat/cool from fossil gaseous fuels in an efficient district heating and cooling system
- Motion picture, video and television program production, sound recording and music publishing activities
- Rehabilitation and restoration of forests, including reforestation and natural forest regeneration after an extreme event
- Pre-commercial stages of advanced technologies to produce energy from nuclear processes with minimal waste from the fuel cycle
- Installation, maintenance and repair of charging stations for electric vehicles in buildings (and parking spaces attached to buildings)
- Installation, maintenance and repair of instruments and devices for measuring, regulation and controlling energy performance of buildings
- Construction and safe operation of new nuclear power plants, for the generation of electricity or heat, including for hydrogen production, using best-available technologies
- Manufacture, installation, and servicing of high, medium and low voltage electrical equipment for electrical transmission and distribution that result in or enable a substantial contribution to climate change mitigation

(5.4.2.2) Taxonomy under which information is being reported

Select from:

- EU Taxonomy for Sustainable Activities
- Other, please specify

(5.4.2.3) Taxonomy alignment

Select from:

- Taxonomy-aligned
- Taxonomy-eligible but not aligned
- Taxonomy-eligible, alignment not assessed

(5.4.2.4) Financial metrics

Select all that apply

- Turnover
- CAPEX
- OPEX

(5.4.2.5) Types of substantial contribution

Select all that apply

- Own performance
- Adapted activity
- Transitional activity
- Activity enabling mitigation
- Activity enabling adaptation

(5.4.2.6) Taxonomy-aligned turnover from this activity in the reporting year (currency)

Numeric input

(5.4.2.7) Taxonomy-aligned turnover from this activity as % of total turnover in the reporting year

Numeric input

(5.4.2.8) Taxonomy-aligned turnover from this activity that substantially contributed to climate change mitigation as a % of total turnover in the reporting year

Numeric input

(5.4.2.9) Taxonomy-aligned turnover from this activity that substantially contributed to climate change adaptation as a % of total turnover in the reporting year

Numeric input

(5.4.2.10) Taxonomy-eligible but not aligned turnover from this activity in the reporting year (currency)

Numeric input

(5.4.2.11) Taxonomy-eligible but not aligned turnover from this activity as % of total turnover in the reporting year

Numeric input

(5.4.2.12) Taxonomy-eligible, alignment not assessed turnover from this activity as % of total turnover in reporting year

Numeric input [must be between [0 - 100]

(5.4.2.13) Taxonomy-aligned CAPEX from this activity in the reporting year (currency)

Numeric input

(5.4.2.14) Taxonomy-aligned CAPEX from this activity as % of total CAPEX in the reporting year

Numeric input

(5.4.2.15) Taxonomy-aligned CAPEX from this activity that substantially contributed to climate change mitigation as a % of total CAPEX in the reporting year

Numeric input

(5.4.2.16) Taxonomy-aligned CAPEX from this activity that substantially contributed to climate change adaptation as a % of total CAPEX in the reporting year

Numeric input

(5.4.2.17) Taxonomy-eligible but not aligned CAPEX associated with this activity in the reporting year (currency)

Numeric input

(5.4.2.18) Taxonomy-eligible but not aligned CAPEX associated with this activity as % of total CAPEX in the reporting year

Numeric input

(5.4.2.19) Taxonomy-eligible, alignment not assessed CAPEX associated with this activity as % of total CAPEX in the reporting year

Numeric input [must be between [0 - 100]

(5.4.2.20) Taxonomy-aligned OPEX from this activity in the reporting year (currency)

Numeric input

(5.4.2.21) Taxonomy-aligned OPEX from this activity as % of total OPEX in the reporting year

Numeric input

(5.4.2.22) Taxonomy-aligned OPEX from this activity that substantially contributed to climate change mitigation as a % of total OPEX in the reporting year

Numeric input

(5.4.2.23) Taxonomy-aligned OPEX from this activity that substantially contributed to climate change adaptation as a % of total OPEX in the reporting year

Numeric input

(5.4.2.24) Taxonomy-eligible but not aligned OPEX associated with this activity in the reporting year (currency)

Numeric input

(5.4.2.25) Taxonomy-eligible but not aligned OPEX associated with this activity as % total OPEX in the reporting year

Numeric input

(5.4.2.26) Taxonomy-eligible, alignment not assessed OPEX with this activity as % of total OPEX in the reporting year

Numeric input [must be between [0 - 100]

(5.4.2.27) Calculation methodology and supporting information

Rich text input [must be under 2500 characters]

(5.4.2.28) Substantial contribution criteria met

Select from:

Yes

No

(5.4.2.29) Details of substantial contribution criteria analysis

Rich text input [must be under 2500 characters]

(5.4.2.30) Do no significant harm requirements met

Select from:

Yes

No

(5.4.2.31) Details of do no significant harm analysis

Rich text input [must be under 2500 characters]

(5.4.2.32) Minimum safeguards compliance requirements met

Select from:

Yes

No

(5.4.2.33) Attach any supporting evidence

Attachment input [number of attachment 5]

[Add row]

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none">• Oil & Gas• Coal• General• Capital goods• Transport OEMS - EPM• Chemicals• Metals & mining• Transport services• Steel• Agricultural commodities• Electric utilities• Transport OEMS• Cement• Food, beverage & tobacco• Paper & forestry• Real estate• Construction	<ul style="list-style-type: none">• ESRS 2• ESRS E1	<ul style="list-style-type: none">• Climate Change

(5.4.3) Provide any additional contextual and/or verification/assurance information relevant to your organization's taxonomy alignment.

(5.4.3.1) Details of minimum safeguards analysis

Rich text input [must be under 2500 characters]

(5.4.3.2) Additional contextual information relevant to your taxonomy accounting

Rich text input [must be under 2500 characters]

(5.4.3.3) Indicate whether you will be providing verification/assurance information relevant to your taxonomy alignment in question 13.1

Select from:

Yes

No

(5.4.3.4) Please explain why you will not be providing verification/assurance information relevant to your taxonomy alignment in question 13.1

Rich text input [must be under 2500 characters]

[Fixed row]

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none">• Oil & Gas• Coal• General• Capital goods• Transport OEMS - EPM• Chemicals• Metals & mining• Transport services• Steel• Agricultural commodities• Electric utilities• Transport OEMS• Cement• Food, beverage & tobacco	<ul style="list-style-type: none">• ESRS 2• ESRS E1	<ul style="list-style-type: none">• Climate Change

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none"> • Paper & forestry • Real estate • Construction 		

(5.10) Does your organization use an internal price on environmental externalities?

(5.10.1) Use of internal pricing of environmental externalities

Select from:

- Yes
- No, but we plan to in the next two years
- No, and we do not plan to in the next two years

(5.10.2) Environmental externality priced

Select all that apply

- Carbon
- Other

(5.10.3) Primary reason for not pricing environmental externalities

Select from:

- Lack of internal resources, capabilities, or expertise (e.g., due to organization size)
- No standardized procedure
- Not an immediate strategic priority
- Judged to be unimportant or not relevant
- Other, please specify

(5.10.4) Explain why your organization does not price environmental externalities

Rich text input [must be under 1500 characters]

(5.10.5) Other environmental externalities priced

Select all that apply

- Forests
- Plastics
- Biodiversity
- Water
- Other, please specify

(5.10.6) Further details of other environmental externalities priced

Rich text input [must be under 2500 characters]
[Fixed row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Climate Change 	<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco 	<ul style="list-style-type: none"> • IFRS S2 29 • ESRS E1

Environmental Issue	Questionnaire sector	Framework Alignment
	<ul style="list-style-type: none"> • Paper & forestry • Real estate • Construction 	

(5.10.1) Provide details of your organization’s internal price on carbon.

Row 1

(5.10.1.1) Type of pricing scheme

Select from:

- Shadow price
- Internal fee
- Internal trading
- Implicit price
- Other, please specify

(5.10.1.2) Objectives for implementing internal price

Select all that apply

- | | |
|---|--|
| <ul style="list-style-type: none"> <input type="checkbox"/> Set a carbon offset budget <input type="checkbox"/> Conduct cost-benefit analysis <input type="checkbox"/> Reduce upstream value chain emissions <input type="checkbox"/> Influence strategy and/or financial planning <input type="checkbox"/> Setting and/or achieving of climate-related policies and targets <input checked="" type="checkbox"/> Drive low-carbon investment <input checked="" type="checkbox"/> Identify and seize low-carbon opportunities <input type="checkbox"/> Other, please specify | <ul style="list-style-type: none"> <input type="checkbox"/> Incentivize consideration of climate-related issues in decision making <input type="checkbox"/> Incentivize consideration of climate-related issues in risk assessment <input checked="" type="checkbox"/> Navigate regulations <input checked="" type="checkbox"/> Drive energy efficiency <input checked="" type="checkbox"/> Stress test investments |
|---|--|

(5.10.1.3) Factors considered when determining the price

Select all that apply

- Scenario analysis
- Benchmarking against peers
- Existing or pending legislation
- Alignment to scientific guidance
- Alignment to international standards
- Cost of required measures to achieve climate-related targets
- Alignment with the price of carbon border adjustment mechanism
- Alignment with the price of allowances under an Emissions Trading Scheme
- Other, please specify
- Social cost of climate-related impact
- Alignment with the price of a carbon tax
- Price/cost of renewable energy procurement
- Price/cost of voluntary carbon offset credits
- Price with substantive impact on business decisions

(5.10.1.4) Calculation methodology and assumptions made in determining the price

CPALL established an internal carbon price in order to evaluate financial impact that might occur if our emission pathway progresses through various scenarios and use the result as a feedback to drive investments on internal emission reduction projects ie efficiency improvement and renewable expansion The scenarios included are BusinessAsUsual BAU Nationally Determined Contribution NDC 1.5 Degree Scenario 1.5C and Net Zero 2030 The emission surplus that needs to be offset in order to align with national regulation and our net zero 2030 goal are monetized using the Voluntary Emission Reduction VER a prospective conservative price presumed for Thailand at 163917 THBtCO2e Also CPALL is currently using MACC curve to identify the feasible investment projects at a specific carbon price with appropriate payback period

(5.10.1.5) Scopes covered

Select all that apply

- Scope 3, other (upstream)
- Scope 3, other (downstream)
- Scope 3, Category 14 – Franchises
- Scope 3, Category 15 – Investments
- Scope 3, Category 2 - Capital goods
- Scope 3, Category 1 - Purchased goods and services
- Scope 3, Category 10 - Processing of sold products (Scope 1 or 2)
- Scope 3, Category 5 - Waste generated in operations
- Scope 3, Category 12 - End-of-life treatment of sold products
- Scope 3, Category 6 - Business travel
- Scope 3, Category 7 - Employee commuting
- Scope 3, Category 11 - Use of sold products
- Scope 3, Category 8 - Upstream leased assets
- Scope 3, Category 13 - Downstream leased assets
- Scope 3, Category 9 - Downstream transportation and distribution
- Scope 3, Category 3 - Fuel- and energy-related activities (not included in Scope 1 or 2)
- Scope 1
- Scope 2

Scope 3, Category 4 - Upstream transportation and distribution

(5.10.1.6) Pricing approach used – spatial variance

Select from:

Differentiated

Uniform

Other, please specify

(5.10.1.7) Indicate how and why the price is differentiated

Rich text input [must be under 1500 characters]

(5.10.1.8) Pricing approach used – temporal variance

Select from:

Evolutionary

Static

Other, please specify

(5.10.1.9) Indicate how you expect the price to change over time

Rich text input [must be under 1500 characters]

(5.10.1.10) Minimum actual price used (currency per metric ton CO2e)

1639.17

(5.10.1.11) Maximum actual price used (currency per metric ton CO2e)

1639.17

(5.10.1.12) Business decision-making processes the internal price is applied to

Select all that apply

- Procurement
- Remuneration
- Product and R&D
- Impact management
- Value chain engagement
- Opportunity management
- Other, please specify

- Dependencies management
- Public policy engagement
- Operations
- Risk management
- Capital expenditure

(5.10.1.13) Internal price is mandatory within business decision-making processes

Select from:

- Yes, for all decision-making processes
- Yes, for some decision-making processes, please specify
- No

(5.10.1.14) % total emissions in the reporting year in selected scopes this internal price covers

100

(5.10.1.15) Pricing approach is monitored and evaluated to achieve objectives

Select from:

- Yes
- No

(5.10.1.16) Details of how the pricing approach is monitored and evaluated to achieve your objectives

CPALL established an internal carbon price in order to evaluate financial impact that might occurs if our emission pathway progresses through various scenarios and use the result as a feedback to drive investments on internal emission reduction projects ie efficiency improvement and renewable expansion The scenarios included are BusinessAsUsual BAU Nationally Determined Contribution NDC 15 Degree Scenario 15C and Net Zero 2030 The emission surplus that needs to be offset in order to align with national regulation and our net zero 2030 goal are monetized using the Voluntary Emission Reduction VER a prospective conservative price presumed for Thailand at 163917 THBtCO₂e Also CPALL is currently using MACC curve to identify the feasible investment projects at a specific carbon price with appropriate payback period The financial impact estimation emerged from the implementation of internal carbon price was used to inform the Net Zero Carbon 2030 target setting that resulted in target approval The internal carbon price was also used to support the discussion with business unit managers in order to promote

efficiency improvement and low carbon investment projects as well as to drive changes in internal behaviors To illustrate it was integrated as a part of feasibility analysis to facilitate investments on low carbon projects within the company giving a clearer picture of the traditionally unaccounted cost of carbon that CP ALL might not be aware of and making certain low carbon projects more viable to invest in in longterm perspective ie the improvement of HVAC and refrigeration system
[Add row]

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • IFRS S2 29 • ESRS E1 	<ul style="list-style-type: none"> • Climate Change

(5.11) Do you engage with your value chain on environmental issues?

Suppliers

(5.11.1) Engaging with this stakeholder on environmental issues

Select from:

- Yes
- No, but we plan to within the next two years
- No, and we do not plan to within the next two years

(5.11.2) Environmental issues covered

Select all that apply

- Climate change
- Plastics

(5.11.3) Primary reason for not engaging with this stakeholder on environmental issues

Select from:

- Lack of internal resources, capabilities, or expertise (e.g., due to organization size)
- No standardized procedure
- Not an immediate strategic priority
- Judged to be unimportant or not relevant
- Other, please specify

(5.11.4) Explain why you do not engage with this stakeholder on environmental issues

Rich text input [must be under 1500 characters]

Customers

(5.11.1) Engaging with this stakeholder on environmental issues

Select from:

- Yes
- No, but we plan to within the next two years
- No, and we do not plan to within the next two years

(5.11.2) Environmental issues covered

Select all that apply

- Climate change
- Plastics

(5.11.3) Primary reason for not engaging with this stakeholder on environmental issues

Select from:

- Lack of internal resources, capabilities, or expertise (e.g., due to organization size)
- No standardized procedure
- Not an immediate strategic priority
- Judged to be unimportant or not relevant
- Other, please specify

(5.11.4) Explain why you do not engage with this stakeholder on environmental issues

Rich text input [must be under 1500 characters]

Investors and shareholders

(5.11.1) Engaging with this stakeholder on environmental issues

Select from:

- Yes
- No, but we plan to within the next two years
- No, and we do not plan to within the next two years

(5.11.2) Environmental issues covered

Select all that apply

- Climate change
- Plastics

(5.11.3) Primary reason for not engaging with this stakeholder on environmental issues

Select from:

- Lack of internal resources, capabilities, or expertise (e.g., due to organization size)
- No standardized procedure
- Not an immediate strategic priority
- Judged to be unimportant or not relevant
- Other, please specify

(5.11.4) Explain why you do not engage with this stakeholder on environmental issues

Rich text input [must be under 1500 characters]

Other value chain stakeholders

(5.11.1) Engaging with this stakeholder on environmental issues

Select from:

- Yes
- No, but we plan to within the next two years
- No, and we do not plan to within the next two years

(5.11.2) Environmental issues covered

Select all that apply

- Climate change
- Plastics

(5.11.3) Primary reason for not engaging with this stakeholder on environmental issues

Select from:

- Lack of internal resources, capabilities, or expertise (e.g., due to organization size)
- No standardized procedure

- Not an immediate strategic priority
- Judged to be unimportant or not relevant
- Other, please specify

(5.11.4) Explain why you do not engage with this stakeholder on environmental issues

[Fixed row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Plastics • Climate Change • Forests 	<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • ESRS 2 • AFi Core Principle 4 • CEO WM Response: Internal actions • AFi Core Principle 6 • AFi Core Principle 10 • GRI Disclosure 303-1 • AFi Core Principle 5

(5.11.1) Does your organization assess and classify suppliers according to their dependencies and/or impacts on the environment?

Climate change

(5.11.1.1) Assessment of supplier dependencies and/or impacts on the environment

Select from:

- Yes, we assess the dependencies and/or impacts of our suppliers
- No, we do not currently assess the dependencies and/or impacts of our suppliers, but we plan to do so within the next two years
- No, we do not assess the dependencies and/or impacts of our suppliers, and have no plans to do so within two years

(5.11.1.2) Criteria for assessing supplier dependencies and/or impacts on the environment

Select all that apply

- Contribution to supplier-related Scope 3 emissions
- Dependence on ecosystem services/environmental assets
- Impact on plastic waste and pollution
- Impact on pollution levels
- Other, please specify

(5.11.1.3) % Tier 1 suppliers assessed

Select from:

- None
- 100%
- 1-25%
- 26-50%
- 51-75%
- 76-99%
- Unknown
- Less than 1%

(5.11.1.4) Define a threshold for classifying suppliers as having substantive dependencies and/or impacts on the environment

Rich text input [must be under 500 characters]

(5.11.1.5) % Tier 1 suppliers meeting the thresholds for substantive dependencies and/or impacts on the environment

Select from:

- None
- 100%
- 1-25%
- 26-50%
- 51-75%
- 76-99%
- Unknown
- Less than 1%

(5.11.1.6) Number of Tier 1 suppliers meeting the thresholds for substantive dependencies and/or impacts on the environment

Numeric input [must be between [0 - 9999999]

Plastics

(5.11.1.1) Assessment of supplier dependencies and/or impacts on the environment

Select from:

- Yes, we assess the dependencies and/or impacts of our suppliers
- No, we do not currently assess the dependencies and/or impacts of our suppliers, but we plan to do so within the next two years
- No, we do not assess the dependencies and/or impacts of our suppliers, and have no plans to do so within two years

(5.11.1.2) Criteria for assessing supplier dependencies and/or impacts on the environment

Select all that apply

- Contribution to supplier-related Scope 3 emissions
- Dependence on ecosystem services/environmental assets
- Impact on plastic waste and pollution
- Impact on pollution levels
- Other, please specify

(5.11.1.3) % Tier 1 suppliers assessed

Select from:

- None
- 100%
- 1-25%
- 26-50%
- 51-75%
- 76-99%
- Unknown
- Less than 1%

(5.11.1.4) Define a threshold for classifying suppliers as having substantive dependencies and/or impacts on the environment

Rich text input [must be under 500 characters]

(5.11.1.5) % Tier 1 suppliers meeting the thresholds for substantive dependencies and/or impacts on the environment

Select from:

- None
- 100%
- 1-25%
- 26-50%
- 51-75%
- 76-99%
- Unknown
- Less than 1%

(5.11.1.6) Number of Tier 1 suppliers meeting the thresholds for substantive dependencies and/or impacts on the environment

Numeric input [must be between [0 - 9999999]
[Fixed row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Plastics 	<ul style="list-style-type: none"> • Oil & Gas • Coal 	<ul style="list-style-type: none"> • AFi Core Principle 4 • AFi Core Principle 6

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Climate Change • Forests 	<ul style="list-style-type: none"> • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • TNFD Strategy B • GRI Disclosure 303-1 • AFi Core Principle 5

(5.11.2) Does your organization prioritize which suppliers to engage with on environmental issues?

Climate change

(5.11.2.1) Supplier engagement prioritization on this environmental issue

Select from:

- Yes, we prioritize which suppliers to engage with on this environmental issue
- No, we do not prioritize which suppliers to engage with on this environmental issue

(5.11.2.2) Criteria informing which suppliers are prioritized for engagement on this environmental issue

Select all that apply

- Material sourcing
 - Procurement spend
 - Product lifecycle
 - Regulatory compliance
 - Reputation management
 - Supplier performance improvement
 - In line with the criteria used to classify suppliers as having substantive dependencies and/or impacts relating to plastics
 - In line with the criteria used to classify suppliers as having substantive dependencies and/or impacts relating to climate change
 - Other, please specify
- Business risk mitigation
 - Leverage over suppliers
 - Vulnerability of suppliers
 - Strategic status of suppliers
 - Product safety and compliance

(5.11.2.3) Primary reason for no supplier prioritization on this environmental issue

Select from:

- No standardized procedure
- We engage with all suppliers
- Not an immediate strategic priority
- Judged to be unimportant or not relevant
- Lack of internal resources, capabilities or expertise (e.g., due to organization size)
- Other, please specify

(5.11.2.4) Please explain

Plastics

(5.11.2.1) Supplier engagement prioritization on this environmental issue

Select from:

- Yes, we prioritize which suppliers to engage with on this environmental issue
- No, we do not prioritize which suppliers to engage with on this environmental issue

(5.11.2.2) Criteria informing which suppliers are prioritized for engagement on this environmental issue

Select all that apply

- Material sourcing
 - Procurement spend
 - Product lifecycle
 - Regulatory compliance
 - Reputation management
 - Supplier performance improvement
 - In line with the criteria used to classify suppliers as having substantive dependencies and/or impacts relating to climate change
 - In line with the criteria used to classify suppliers as having substantive dependencies and/or impacts relating to plastics
 - Other, please specify
- Business risk mitigation
 - Leverage over suppliers
 - Vulnerability of suppliers
 - Strategic status of suppliers
 - Product safety and compliance

(5.11.2.3) Primary reason for no supplier prioritization on this environmental issue

Select from:

- No standardized procedure
- We engage with all suppliers
- Not an immediate strategic priority
- Judged to be unimportant or not relevant
- Lack of internal resources, capabilities or expertise (e.g., due to organization size)
- Other, please specify

(5.11.2.4) Please explain

[Fixed row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Plastics • Climate Change • Forests 	<ul style="list-style-type: none"> • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM 	<ul style="list-style-type: none"> • AFi Core Principle 4 • AFi Core Principle 6 • AFi Core Principle 10 • TNFD Strategy B • GRI Disclosure 303-1

Environmental Issue	Questionnaire sector	Framework Alignment
	<ul style="list-style-type: none"> • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	

(5.11.5) Do your suppliers have to meet environmental requirements as part of your organization’s purchasing process?

	Suppliers have to meet specific environmental requirements related to this environmental issue as part of the purchasing process	Policy in place for addressing supplier non-compliance	Comment
Climate change	<p><i>Select from:</i></p> <p><input type="checkbox"/> Yes, environmental requirements related to this environmental issue are included in our supplier contracts</p> <p><input type="checkbox"/> Yes, suppliers have to meet environmental requirements related to this environmental issue, but they are not included in our supplier contracts</p> <p><input checked="" type="checkbox"/> No, but we plan to introduce environmental requirements related to this environmental issue within the next two years</p>	<p><i>Select from:</i></p> <p><input type="checkbox"/> Yes, we have a policy in place for addressing non-compliance</p> <p><input checked="" type="checkbox"/> No, we do not have a policy in place for addressing non-compliance</p>	

	Suppliers have to meet specific environmental requirements related to this environmental issue as part of the purchasing process	Policy in place for addressing supplier non-compliance	Comment
	<input type="checkbox"/> No, and we do not plan to introduce environmental requirements related to this environmental issue within the next two years		

[Fixed row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Climate Change • Forests 	<ul style="list-style-type: none"> • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • AFi Core Principle 4 • AFi Core Principle 6 • TNFD Strategy B • GRI Disclosure 303-1

(5.11.6) Provide details of the environmental requirements that suppliers have to meet as part of your organization's purchasing process, and the compliance measures in place.

Climate change

(5.11.6.1) Environmental requirement

Select from:

- Measuring product-level emissions
- Implementation of a climate transition plan
- Purchasing of low-carbon or renewable energy
- Setting a low-carbon or renewable energy target
- Implementation of emissions reduction initiatives
- Regular environmental risk assessments (at least once annually)
- Reporting against a sustainability index (e.g., DJSI, CDP etc.)
- Disclosure of GHG emissions to your organization (Scope 1 and 2)
- Substitution of hazardous substances with less harmful substances
- Disclosure of GHG emissions to your organization (Scope 1, 2 and 3)
- Environmental disclosure through a public platform
- Setting a science-based emissions reduction target
- Waste and resource reduction and material circularity
- Environmental disclosure through a non-public platform
- Adoption of the UN International Labour Organization Principles
- Monitoring and reduction of Product Carbon Footprint (PCF)/ product life-cycle emissions
- Secure Free, Prior and Informed Consent (FPIC) of Indigenous Peoples and local communities
- Compliance with an environmental certification, please specify
- Other, please specify

(5.11.6.2) Mechanisms for monitoring compliance with this environmental requirement

Select all that apply

- Certification
- Fines and penalties
- First-party verification
- On-site third-party audit
- Second-party verification
- Ground-based monitoring system
- No mechanism for monitoring compliance
- Supplier self-assessment
- Geospatial monitoring tool
- Off-site third-party audit
- Community-based monitoring
- Supplier scorecard or rating

Grievance mechanism/ Whistleblowing hotline

Other, please specify

(5.11.6.3) % tier 1 suppliers by procurement spend required to comply with this environmental requirement

Select from:

None

100%

1-25%

26-50%

51-75%

76-99%

Less than 1%

(5.11.6.4) % tier 1 suppliers by procurement spend in compliance with this environmental requirement

Select from:

None

100%

1-25%

26-50%

51-75%

76-99%

Less than 1%

(5.11.6.7) % tier 1 supplier-related scope 3 emissions attributable to the suppliers required to comply with this environmental requirement

Select from:

None

100%

1-25%

26-50%

51-75%

76-99%

Less than 1%

(5.11.6.8) % tier 1 supplier-related scope 3 emissions attributable to the suppliers in compliance with this environmental requirement

Select from:

- None
- 100%
- 1-25%
- 26-50%
- 51-75%
- 76-99%
- Less than 1%

(5.11.6.9) Response to supplier non-compliance with this environmental requirement

Select from:

- Exclude
- No response
- Retain and engage
- Suspend and engage
- Other, please specify

(5.11.6.10) % of non-compliant suppliers engaged

Select from:

- None
- 100%
- 1-25%
- 26-50%
- 51-75%
- 76-99%
- Unknown
- Less than 1%

(5.11.6.11) Procedures to engage non-compliant suppliers

Select all that apply

- Assessing the efficacy and efforts of non-compliant supplier actions through consistent and quantified metrics

- Developing quantifiable, time-bound targets and milestones to bring suppliers back into compliance
- Providing information on appropriate actions that can be taken to address non-compliance
- Re-integrating suppliers back into upstream value chain based on the successful and verifiable completion of activities
- Other, please specify

(5.11.6.12) Comment

Rich text input [must be under 1500 characters]

[Add row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Climate Change • Forests 	<ul style="list-style-type: none"> • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • AFi Core Principle 4 • AFi Core Principle 6 • TNFD Governance C • IFRS S2 14 • TNFD Strategy B • RE100_Framework_Alignment

(5.11.7) Provide further details of your organization’s supplier engagement on environmental issues.

Climate change

(5.11.7.2) Action driven by supplier engagement

Select from:

- Carbon removals
- Circular economy
- No other supplier engagement
- Adaptation to climate change
- Removal of plastic from the environment
- Secure Free, Prior and Informed Consent (FPIC) of Indigenous Peoples and local communities
- Emissions reduction
- Other, please specify
- Macro and microplastic leakage reduction
- Upstream value chain transparency and human rights
- Waste and resource reduction and improved end-of-life management
- Substitution of hazardous substances with less harmful substances
- Adoption of the United Nation's International Labour Organization principles

(5.11.7.3) Type and details of engagement

Capacity building

- Provide training, support and best practices on how to set science-based targets
- Support suppliers to develop public time-bound action plans with clear milestones
- Provide training, support and best practices on how to mitigate environmental impact
- Support suppliers to set their own environmental commitments across their operations
- Provide training, support and best practices on how to make credible renewable energy usage claims
- Provide training, support and best practices on how to measure GHG emissions
- Other capacity building activity, please specify

Financial incentives

- Provide financial incentives for environmental performance
- Feature environmental performance in supplier awards scheme
- Include long-term contracts linked to environmental commitments
- Provide financial incentives for suppliers with a climate transition plan
- Provide financial incentives for suppliers increasing renewable energy use
- Other financial incentive, please specify

Information collection

- Collect climate transition plan information at least annually from suppliers
- Collect environmental risk and opportunity information at least annually from suppliers
- Collect GHG emissions data at least annually from suppliers
- Collect targets information at least annually from suppliers
- Other information collection activity, please specify

Innovation and collaboration

- Encourage suppliers to take Beyond Value Chain Mitigation (BVCM) actions
- Invest jointly with suppliers in R&D of relevant low-carbon technologies
- Collaborate with suppliers to develop reuse infrastructure and reuse models
- Facilitate adoption of a unified climate transition approach with suppliers
- Run a campaign to encourage innovation to reduce environmental impacts on products and services
- Collaborate with suppliers on innovations to reduce environmental impacts in products and services
- Engage with suppliers to advocate for policy or regulatory change to address environmental challenges
- Collaborate with suppliers on innovative business models and corporate renewable energy sourcing mechanisms
- Other innovation and collaboration activity, please specify

(5.11.7.4) Upstream value chain coverage

Select all that apply

- Tier 1 suppliers
- Tier 2 suppliers
- Tier 3 suppliers
- Tier 4+ suppliers

(5.11.7.5) % of tier 1 suppliers by procurement spend covered by engagement

Select from:

- None
- 100%
- 76-99%
- Unknown

- 1-25%
- 26-50%
- 51-75%

Less than 1%

(5.11.7.6) % of tier 1 supplier-related scope 3 emissions covered by engagement

Select from:

- None
- 100%
- 1-25%
- 26-50%
- 51-75%
- 76-99%
- Unknown
- Less than 1%

(5.11.7.8) Number of tier 2+ suppliers engaged

Numeric input [must be between [0 - 9999999]

(5.11.7.9) Describe the engagement and explain the effect of your engagement on the selected environmental action

Rich text input [must be under 2500 characters]

(5.11.7.10) Engagement is helping your tier 1 suppliers meet an environmental requirement related to this environmental issue

Select from:

- Yes, please specify the environmental requirement
- No, this engagement is unrelated to meeting an environmental requirement

(5.11.7.11) Engagement is helping your tier 1 suppliers engage with their own suppliers on the selected action

Select from:

- Yes
- No

Unknown

Plastics

(5.11.7.2) Action driven by supplier engagement

Select from:

- Carbon removals
- Circular economy
- Emissions reduction
- No other supplier engagement
- Adaptation to climate change
- Secure Free, Prior and Informed Consent (FPIC) of Indigenous Peoples and local communities
- Macro and microplastic leakage reduction
- Other, please specify
- Removal of plastic from the environment
- Upstream value chain transparency and human rights
- Waste and resource reduction and improved end-of-life management
- Substitution of hazardous substances with less harmful substances
- Adoption of the United Nation's International Labour Organization principles

(5.11.7.3) Type and details of engagement

Capacity building

- Provide training, support and best practices on how to measure GHG emissions
- Provide training, support and best practices on how to set science-based targets
- Support suppliers to develop public time-bound action plans with clear milestones
- Provide training, support and best practices on how to mitigate environmental impact
- Support suppliers to set their own environmental commitments across their operations
- Provide training, support and best practices on how to make credible renewable energy usage claims
- Other capacity building activity, please specify

Financial incentives

- Provide financial incentives for environmental performance
- Feature environmental performance in supplier awards scheme
- Include long-term contracts linked to environmental commitments
- Provide financial incentives for suppliers with a climate transition plan
- Other financial incentive, please specify

- Provide financial incentives for suppliers increasing renewable energy use

Information collection

- Collect climate transition plan information at least annually from suppliers
- Collect environmental risk and opportunity information at least annually from suppliers
- Collect GHG emissions data at least annually from suppliers
- Collect targets information at least annually from suppliers
- Other information collection activity, please specify

Innovation and collaboration

- Encourage suppliers to take Beyond Value Chain Mitigation (BVCM) actions
- Invest jointly with suppliers in R&D of relevant low-carbon technologies
- Collaborate with suppliers to develop reuse infrastructure and reuse models
- Facilitate adoption of a unified climate transition approach with suppliers
- Run a campaign to encourage innovation to reduce environmental impacts on products and services
- Engage with suppliers to advocate for policy or regulatory change to address environmental challenges
- Collaborate with suppliers on innovative business models and corporate renewable energy sourcing mechanisms
- Collaborate with suppliers on innovations to reduce environmental impacts in products and services
- Other innovation and collaboration activity, please specify

(5.11.7.4) Upstream value chain coverage

Select all that apply

- Tier 1 suppliers
- Tier 2 suppliers
- Tier 3 suppliers
- Tier 4+ suppliers

(5.11.7.5) % of tier 1 suppliers by procurement spend covered by engagement

Select from:

- None
- 100%
- 1-25%
- 26-50%
- 51-75%

- 76-99%
- Unknown
- Less than 1%

(5.11.7.6) % of tier 1 supplier-related scope 3 emissions covered by engagement

Select from:

- None
- 100%
- 1-25%
- 26-50%
- 51-75%

- 76-99%
- Unknown
- Less than 1%

(5.11.7.8) Number of tier 2+ suppliers engaged

Numeric input [must be between [0 - 9999999]

(5.11.7.9) Describe the engagement and explain the effect of your engagement on the selected environmental action

Our packaging guiding applied to the Company and disseminate to business partners for their operations Including forward to business partner and business partner applied in business operation and promote the participation of those involved in the supply chain have been identified that are important in the top of the packaging operations

(5.11.7.10) Engagement is helping your tier 1 suppliers meet an environmental requirement related to this environmental issue

Select from:

- Yes, please specify the environmental requirement
- No, this engagement is unrelated to meeting an environmental requirement

(5.11.7.11) Engagement is helping your tier 1 suppliers engage with their own suppliers on the selected action

Select from:

Yes

No

Unknown

[Add row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Plastics • Climate Change • Forests 	<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • ESRS 2 • AFi Core Principle 4 • CEO WM Response: Internal actions • AFi Core Principle 6 • AFi Core Principle 10 • TNFD Governance C • IFRS S2 14 • TNFD Strategy B • GRI Disclosure 303-1 • RE100_Framework_Alignment

(5.11.9) Provide details of any environmental engagement activity with other stakeholders in the value chain.

Climate change

(5.11.9.1) Type of stakeholder

Select from:

- Customers
- Investors and shareholders
- Other value chain stakeholder, please specify

(5.11.9.2) Type and details of engagement

Education/Information sharing

- Educate and work with stakeholders on understanding and measuring exposure to environmental risks
- Run an engagement campaign to educate stakeholders about the environmental impacts about your products, goods and/or services
- Share information about your products and relevant certification schemes
- Share information on environmental initiatives, progress and achievements
- Other education/information sharing, please specify

Innovation and collaboration

- Engage with stakeholders to advocate for policy or regulatory change
- Run a campaign to encourage innovation to reduce environmental impacts
- Align your organization's goals to support customers' targets and ambitions
- Collaborate with stakeholders in creation and review of your climate transition plan
- Collaborate with stakeholders on innovations to reduce environmental impacts in products and services
- Other innovation and collaboration, please specify

Other

- Other, please specify

(5.11.9.3) % of stakeholder type engaged

Select from:

- None
- 100%
- 76-99%
- Unknown

- 1-25%
- 26-50%
- 51-75%

Less than 1%

(5.11.9.4) % stakeholder-associated scope 3 emissions

Select from:

- None
- 100%
- 1-25%
- 26-50%
- 51-75%

- 76-99%
- Unknown
- Less than 1%

(5.11.9.5) Rationale for engaging these stakeholders and scope of engagement

Rich text input [must be under 2500 characters]

(5.11.9.6) Effect of engagement and measures of success

Rich text input [must be under 1500 characters]
[Add row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Climate Change • Forests 	<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining 	<ul style="list-style-type: none"> • AFi Core Principle 4 • CEO WM Response: Internal actions • AFi Core Principle 6 • AFi Core Principle 10 • NZAM Commitment 8 • TNFD Strategy B

Environmental Issue	Questionnaire sector	Framework Alignment
	<ul style="list-style-type: none"> • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	

C6. Environmental Performance - Consolidation Approach

(6.1) Provide details on your chosen consolidation approach for the calculation of environmental performance data.

	Consolidation approach used	Provide the rationale for the choice of consolidation approach
Climate change	<i>Select from:</i> <input checked="" type="checkbox"/> Financial control <input type="checkbox"/> Operational control <input type="checkbox"/> Equity share <input type="checkbox"/> Other, please specify	<i>CP ALL has the power of operational control accessing to all information</i>
Plastics	<i>Select from:</i> <input type="checkbox"/> Financial control <input checked="" type="checkbox"/> Operational control <input type="checkbox"/> Equity share <input type="checkbox"/> Other, please specify	<i>Rich text input [must be under 2500 characters]</i>
Biodiversity	<i>Select from:</i> <input type="checkbox"/> Financial control <input checked="" type="checkbox"/> Operational control <input type="checkbox"/> Equity share <input type="checkbox"/> Other, please specify	<i>Rich text input [must be under 2500 characters]</i>

[Fixed row]

Environmental Issue	Questionnaire sector	Framework Alignment
• Water	• Financial services	• ESRS 2

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Biodiversity • Plastics • Climate Change • Forests 	<ul style="list-style-type: none"> • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • IFRS S2 29 • RE100_Framework_Alignment

C7. Environmental performance - Climate Change

(7.1) Is this your first year of reporting emissions data to CDP?

Select from:

Yes

No

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • Climate Change

(7.1.1) Has your organization undergone any structural changes in the reporting year, or are any previous structural changes being accounted for in this disclosure of emissions data?

	Has there been a structural change?	Name of organization(s) acquired, divested from, or merged with	Details of structural change(s), including completion dates
	<p><i>Select all that apply</i></p> <p><input type="checkbox"/> Yes, an acquisition</p> <p><input type="checkbox"/> Yes, a divestment</p> <p><input type="checkbox"/> Yes, a merger</p> <p><input type="checkbox"/> Yes, other structural change, please specify</p> <p><input checked="" type="checkbox"/> No</p>	<p><i>Rich text input [must be under 500 characters]</i></p>	<p><i>Rich text input [must be under 2500 characters]</i></p>

[Fixed row]

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities 	<ul style="list-style-type: none"> • Climate Change

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	

(7.1.2) Has your emissions accounting methodology, boundary, and/or reporting year definition changed in the reporting year?

	Change(s) in methodology, boundary, and/or reporting year definition?	Details of methodology, boundary, and/or reporting year definition change(s)
	<p><i>Select all that apply</i></p> <p><input type="checkbox"/> Yes, a change in methodology</p> <p><input type="checkbox"/> Yes, a change in boundary</p> <p><input type="checkbox"/> Yes, a change in reporting year definition</p> <p><input type="checkbox"/> No, but we have discovered significant errors in our previous response(s)</p> <p><input checked="" type="checkbox"/> No</p>	<p><i>Rich text input [must be under 2500 characters]</i></p>

[Fixed row]

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal 	<ul style="list-style-type: none"> • IFRS S2 29 	<ul style="list-style-type: none"> • Climate Change

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none"> • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 		

(7.1.3) Have your organization’s base year emissions and past years’ emissions been recalculated as a result of any changes or errors reported in 7.1.1 and/or 7.1.2?

(7.1.3.1) Base year recalculation

Select from:

- Yes
- No, because we have not evaluated whether the changes should trigger a base year recalculation
- No, because the impact does not meet our significance threshold
- No, because the operations acquired or divested did not exist in the base year
- No, because we do not have the data yet and plan to recalculate next year

(7.1.3.2) Scope(s) recalculated

Select all that apply

- Scope 1
- Scope 2, location-based
- Scope 2, market-based
- Scope 3

(7.1.3.3) Base year emissions recalculation policy, including significance threshold

Rich text input [must be under 2500 characters]

(7.1.3.4) Past years' recalculation

Select from:

- Yes
- No

[Fixed row]

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none">• Financial services• Oil & Gas• Coal• General• Capital goods• Transport OEMS - EPM• Chemicals• Metals & mining• Transport services• Steel• Agricultural commodities	<ul style="list-style-type: none">• Climate Change

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	

(7.2) Select the name of the standard, protocol, or methodology you have used to collect activity data and calculate emissions.

Select all that apply

- | | |
|---|---|
| <ul style="list-style-type: none"> <input type="checkbox"/> ISO 14064-1 <input type="checkbox"/> Bilan Carbone <input type="checkbox"/> The Cool Farm Tool <input type="checkbox"/> Programa GEI Mexico <input type="checkbox"/> ABI Energia Linee Guida <input type="checkbox"/> The Tokyo Cap-and Trade Program <input type="checkbox"/> Act on the Rational Use of Energy <input type="checkbox"/> ICLEI Local Government GHG Protocol <input type="checkbox"/> IEA CO2 Emissions from Fuel Combustion <input type="checkbox"/> The Climate Registry: Oil & Gas Protocol <input type="checkbox"/> The Greenhouse Gas Protocol: Public Sector Standard <input type="checkbox"/> Regional Greenhouse Gas Initiative (RGGI) Model Rule <input type="checkbox"/> VfU (Verein fur Umweltmanagement) Indicators Standard <input type="checkbox"/> Australia - National Greenhouse and Energy Reporting Act <input type="checkbox"/> The Climate Registry: Electric Power Sector (EPS) Protocol <input type="checkbox"/> US EPA Emissions & Generation Resource Integrated Database (eGRID) | <ul style="list-style-type: none"> <input type="checkbox"/> Taiwan - GHG Reduction Act <input type="checkbox"/> Toitū carbonzero programme <input type="checkbox"/> Toitū carbonreduce programme <input type="checkbox"/> Brazil GHG Protocol Programme <input type="checkbox"/> India GHG Inventory Programme <input type="checkbox"/> Energy Information Administration 1605(b) <input type="checkbox"/> WBCSD: The Cement CO2 and Energy Protocol <input type="checkbox"/> ENCORD: Construction CO2e Measurement Protocol <input type="checkbox"/> US EPA Mandatory Greenhouse Gas Reporting Rule <input type="checkbox"/> The Climate Registry: General Reporting Protocol <input type="checkbox"/> EPRA (European Public Real Estate Association) guidelines, 2011 <input type="checkbox"/> China Corporate Energy Conservation and GHG Management Programme <input type="checkbox"/> The Climate Registry: Local Government Operations (LGO) Protocol <input type="checkbox"/> World Steel Association CO2 emissions data collection guidelines <input type="checkbox"/> Korea GHG and Energy Target Management System Operating Guidelines <input type="checkbox"/> New Zealand - Guidance for Voluntary, Corporate Greenhouse Gas Reporting |
|---|---|

- The Greenhouse Gas Protocol: Corporate Value Chain (Scope 3) Standard
- Smart Freight Centre: GLEC Framework for Logistics Emissions Methodologies
- International Wine Industry Greenhouse Gas Protocol and Accounting Tool
- Global GHG Accounting and Reporting Standard for the Financial Industry (PCAF)
- Philippine Greenhouse Gas Accounting and Reporting Programme (PhilGARP)
- IPIECA's Petroleum Industry Guidelines for reporting GHG emissions, 2nd edition, 2011
- IPIECA's Petroleum Industry Guidelines for reporting GHG emissions, 2003
- Canadian Association of Petroleum Producers, Calculating Greenhouse Gas Emissions, 2003
- French methodology for greenhouse gas emissions assessments by companies V4 (ADEME 2016)
- Environment Canada, Metal Mining, Guidance Manual for Estimating Greenhouse Gas Emissions
- Environment Canada, Lime Production, Guidance Manual for Estimating Greenhouse Gas Emissions
- US EPA Center for Corporate Climate Leadership: Indirect Emissions From Purchased Electricity
- Environment Canada, Cement Production, Guidance Manual for Estimating Greenhouse Gas Emissions
- Recommendations for reporting significant indirect emissions under Article 173-IV (ADEME 2018)
- US EPA Center for Corporate Climate Leadership: Indirect Emissions From Events and Conferences
- US EPA Center for Corporate Climate Leadership: Direct Emissions from Mobile Combustion Sources
- Environment Canada, Aluminum Production, Guidance Manual for Estimating Greenhouse Gas Emissions
- US EPA Center for Corporate Climate Leadership: Direct Emissions from Stationary Combustion Sources
- Defra Environmental Reporting Guidelines: Including streamlined energy and carbon reporting guidance, 2019
- Environment Canada, Base Metals Smelting/Refining, Guidance Manual for Estimating Greenhouse Gas Emissions
- EPRA (European Public Real Estate Association) Sustainability Best Practice recommendations Guidelines, 2017
- Environment Canada, Primary Iron and Steel Production, Guidance Manual for Estimating Greenhouse Gas Emissions
- Environment Canada, Sulphur hexafluoride (SF6) Emission Estimation and Reporting Protocol for Electric Utilities
- Environment Canada, Primary Magnesium Production and Casting, Guidance Manual for Estimating Greenhouse Gas Emissions
- The GHG Indicator: UNEP Guidelines for Calculating Greenhouse Gas Emissions for Businesses and Non-Commercial Organizations
- American Petroleum Institute Compendium of Greenhouse Gas Emissions Methodologies for the Oil and Natural Gas Industry, 2009
- National Development and Reform Commission (NDRC) Guidance for Accounting and Reporting of GHG Emissions for Corporates (Trial)
- European Union Emission Trading System (EU ETS): The Monitoring and Reporting Regulation (MMR) – General guidance for installations
- European Union Emissions Trading System (EU ETS): The Monitoring and Reporting Regulation (MMR) – General guidance for aircraft operators
- The Greenhouse Gas Protocol Agricultural Guidance: Interpreting the Corporate Accounting and Reporting Standard for the Agricultural Sector

- Hong Kong Environmental Protection Department, Guidelines to Account for and Report on Greenhouse Gas Emissions and Removals for Buildings, 2010
- US EPA Center for Corporate Climate Leadership: Direct Fugitive Emissions from Refrigeration, Air Conditioning, Fire Suppression, and Industrial Gases
- Japan Ministry of the Environment, Law Concerning the Promotion of the Measures to Cope with Global Warming, Superseded by Revision of the Act on Promotion of Global Warming Countermeasures (2005 Amendment)
- The Greenhouse Gas Protocol: Scope 2 Guidance
- IPCC Guidelines for National Greenhouse Gas Inventories, 2006
- The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
- Thailand Greenhouse Gas Management Organization: The National Guideline Carbon Footprint for organization
- Other, please specify

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • ESRS 2 • IFRS S2 29 • ESRS E1 	<ul style="list-style-type: none"> • Climate Change

(7.3) Describe your organization's approach to reporting Scope 2 emissions.

	Scope 2, location-based	Scope 2, market-based	Comment
	<p><i>Select from:</i></p> <p><input checked="" type="checkbox"/> We are reporting a Scope 2, location-based figure</p> <p><input type="checkbox"/> We are not reporting a Scope 2, location-based figure</p>	<p><i>Select from:</i></p> <p><input checked="" type="checkbox"/> We are reporting a Scope 2, market-based figure</p> <p><input type="checkbox"/> We have no operations where we are able to access electricity supplier emission factors or residual emissions factors and are unable to report a Scope 2, market-based figure</p> <p><input type="checkbox"/> We have operations where we are able to access electricity supplier emission factors or residual emissions factors, but are unable to report a Scope 2, market-based figure</p>	

[Fixed row]

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities 	<ul style="list-style-type: none"> • Climate Change

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	

(7.4) Are there any sources (e.g. facilities, specific GHGs, activities, geographies, etc.) of Scope 1, Scope 2 or Scope 3 emissions that are within your selected reporting boundary which are not included in your disclosure?

Select from:

Yes

No

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS 	<ul style="list-style-type: none"> • Climate Change

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	

(7.4.1) Provide details of the sources of Scope 1, Scope 2, or Scope 3 emissions that are within your selected reporting boundary which are not included in your disclosure.

Row 1

(7.4.1.1) Source of excluded emissions

(7.4.1.2) Scope(s) or Scope 3 category(ies)

Select all that apply

- | | |
|--|--|
| <input type="checkbox"/> Scope 1 | <input type="checkbox"/> Scope 3: Other (upstream) |
| <input type="checkbox"/> Scope 2 (market-based) | <input type="checkbox"/> Scope 3: Other (downstream) |
| <input type="checkbox"/> Scope 3: Capital goods | <input type="checkbox"/> Scope 3: Employee commuting |
| <input type="checkbox"/> Scope 2 (location-based) | <input type="checkbox"/> Scope 3: Use of sold products |
| <input type="checkbox"/> Scope 3: Business travel | <input type="checkbox"/> Scope 3: Processing of sold products |
| <input type="checkbox"/> Scope 3: Purchased goods and services | <input type="checkbox"/> Scope 3: Fuel and energy-related activities (not included in Scopes 1 or 2) |
| <input type="checkbox"/> Scope 3: Waste generated in operations | <input checked="" type="checkbox"/> Scope 3: Franchises |
| <input type="checkbox"/> Scope 3: End-of-life treatment of sold products | <input checked="" type="checkbox"/> Scope 3: Investments |
| <input type="checkbox"/> Scope 3: Upstream transportation and distribution | <input checked="" type="checkbox"/> Scope 3: Upstream leased assets |
| <input type="checkbox"/> Scope 3: Downstream transportation and distribution | <input checked="" type="checkbox"/> Scope 3: Downstream leased assets |

(7.4.1.3) Relevance of Scope 1 emissions from this source

Select from:

- Emissions are not relevant
- Emissions are relevant but not yet calculated
- Emissions are relevant and calculated, but not disclosed
- Emissions excluded due to a recent acquisition or merger
- Emissions are not evaluated

(7.4.1.4) Relevance of location-based Scope 2 emissions from this source

Select from:

- Emissions are not relevant
- Emissions are relevant but not yet calculated
- Emissions are relevant and calculated, but not disclosed
- Emissions excluded due to a recent acquisition or merger
- Emissions are not evaluated

(7.4.1.5) Relevance of market-based Scope 2 emissions from this source

Select from:

- Emissions are not relevant
- Emissions are relevant but not yet calculated
- Emissions are relevant and calculated, but not disclosed
- Emissions excluded due to a recent acquisition or merger
- Emissions are not evaluated

(7.4.1.6) Relevance of Scope 3 emissions from this source

Select from:

- Emissions are not relevant
- Emissions are relevant but not yet calculated
- Emissions are relevant and calculated, but not disclosed
- Emissions excluded due to a recent acquisition or merger

Emissions are not evaluated

(7.4.1.7) Date of completion of acquisition or merger

Date input

(7.4.1.8) Estimated percentage of total Scope 1+2 emissions this excluded source represents

Numeric input

(7.4.1.9) Estimated percentage of total Scope 3 emissions this excluded source represents

0

(7.4.1.10) Explain why this source is excluded

Upstream leased assets CPALL is not responsible for cost of facilities in rented areas Processing of sold products CPALLs main business is retail store in which processing of sold product dose not significantly contribute to GHG emissions Downstream leased assets CPALL is not responsible for cost of facilities in rented areas Franchises CP ALL has already calculated emissions from all stores owned by our business partners in Scope 1 and 2 While franchisees or subarea businesses CPALL has sold the authentic control and has no access to the data Investments CPALLs business does not have financial investment and banking as our core business activity

(7.4.1.11) Explain how you estimated the percentage of emissions this excluded source represents

none

[Add row]

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none">• Financial services• Oil & Gas• Coal• General• Capital goods• Transport OEMS - EPM	<ul style="list-style-type: none">• Climate Change

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	

(7.5) Provide your base year and base year emissions.

Scope 1

(7.5.1) Base year end

12/30/2023

(7.5.2) Base year emissions (metric tons CO2e)

497066.35

(7.5.3) Methodological details

CPALLs GHG emissions scope 1 data is calculated by including performance of 4 main business units CPALL CPRAM Makro and Lotuss representing more than 95 of our operation The GHG emission from the chemical oxygen demand COD content in CPRAMs wastewater treatment unit Fuel combustions are calculated from the expense record of fuel usage on various activities ie transportation etc Fugitive emission from refrigerant leakage Stationary combustion from diesel power generator This emission data has been verified by the independent third party

Scope 2 (location-based)

(7.5.1) Base year end

12/30/2023

(7.5.2) Base year emissions (metric tons CO2e)

1627357.84

(7.5.3) Methodological details

CPALLs GHG emissions scope 2 locationbased data is calculated from total electricity consumption multiplied by emission factor of Thailand's national grid acquired from the Thailand Energy Policy and Planning Office Ministry of Energy

Scope 2 (market-based)

(7.5.1) Base year end

12/30/2023

(7.5.2) Base year emissions (metric tons CO2e)

1522328.39

(7.5.3) Methodological details

CPALLs GHG emissions scope 2 marketbased data is calculated from total electricity consumption multiplied by emission factor supplied by electricity producers This figure represents 100 of our operation

Scope 3 category 1: Purchased goods and services

(7.5.1) Base year end

12/30/2023

(7.5.2) Base year emissions (metric tons CO2e)

13964445.28

(7.5.3) Methodological details

The majority of purchased goods and services is products on shelves of convenience store The calculation method is divided into 2 methods 1 supplier specific and 2 spend based

Scope 3 category 2: Capital goods

(7.5.1) Base year end

12/30/2023

(7.5.2) Base year emissions (metric tons CO2e)

36591.8

(7.5.3) Methodological details

As for the construction of a convenience store installed in 2023 it accounts for 707 branches/year The majority of emissions are generated from steel concrete concrete reinforcement steel ISO walls metal sheet roof and more The focus is on the standalone type which is around 20x15 sqm

Scope 3 category 3: Fuel-and-energy-related activities (not included in Scope 1 or 2)

(7.5.1) Base year end

12/30/2023

(7.5.2) Base year emissions (metric tons CO2e)

345694.47

(7.5.3) Methodological details

This category is calculate the cradletogate of oiland electricity that CP ALL consume in scope 1 and scope 2

Scope 3 category 4: Upstream transportation and distribution

(7.5.1) Base year end

12/30/2023

(7.5.2) Base year emissions (metric tons CO2e)

205168.47

(7.5.3) Methodological details

The majority of upstream transportation and distribution involves fuel consumption from truck rental services which transport goods from manufactureres and merchants to our facilities ie stores and distribution centers

Scope 3 category 5: Waste generated in operations

(7.5.1) Base year end

12/30/2023

(7.5.2) Base year emissions (metric tons CO2e)

99349.12

(7.5.3) Methodological details

CPALL is conscious about our waste disposal emissions The current scope includes waste from factories offices shops and distribution centers This number represents emissions from landfills and the incineration of hazardous and nonhazardous wastes that are disposed of in our operations

Scope 3 category 6: Business travel

(7.5.1) Base year end

12/30/2023

(7.5.2) Base year emissions (metric tons CO2e)

1355.88

(7.5.3) Methodological details

*With facilities and business requirements to meet partners nationwide and in other countries air transport contributes to the recognizable portion of Scope 3 emissions
Due to the overseas business expansion plan emissions from future business trips will become increasingly important for CPALL*

Scope 3 category 7: Employee commuting

(7.5.1) Base year end

12/30/2023

(7.5.2) Base year emissions (metric tons CO2e)

400005.84

(7.5.3) Methodological details

Employee commuting emissions are related to the transportation of employees between their homes and their place of work

Scope 3 category 8: Upstream leased assets

(7.5.1) Base year end

12/30/2023

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Not relevant CPALL is not responsible for cost of facilities in rented areas

Scope 3 category 9: Downstream transportation and distribution

(7.5.1) Base year end

12/30/2023

(7.5.2) Base year emissions (metric tons CO2e)

81390.99

(7.5.3) Methodological details

Calculate based on the number of bills with delivery only There is a delivery radius of 4 km bill because the delivery service will be provided within this radius only

Scope 3 category 10: Processing of sold products

(7.5.1) Base year end

12/30/2023

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Not relevant CPALLs main business is retail store in which processing of sold product dose not significantly contribute to GHG emissions

Scope 3 category 11: Use of sold products

(7.5.1) Base year end

12/30/2023

(7.5.2) Base year emissions (metric tons CO2e)

41060.17

(7.5.3) Methodological details

CP All sells products through 24shopping application which has a variety of products such as microwave refrigerator iron and more Their electricity consumption are considered and estimated to GHG emissions

Scope 3 category 12: End of life treatment of sold products

(7.5.1) Base year end

12/30/2023

(7.5.2) Base year emissions (metric tons CO2e)

11141.53

(7.5.3) Methodological details

CPALL acknowledges the significant quantity of waste generated by the products it sells CPALL is currently assessing the emissions produced by our products and can estimate the contributions arising from our use of plastic and banana products

Scope 3 category 13: Downstream leased assets

(7.5.1) Base year end

12/30/2023

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Not relevant CPALL is not responsible for cost of facilities in rented areas

Scope 3 category 14: Franchises

(7.5.1) Base year end

12/30/2023

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Not relevant CP ALL has already calculated emissions from all stores owned by our business partners in Scope 1 and 2 While franchisees or subarea businesses CPALL has sold the authentic control and has no access to the data

Scope 3 category 15: Investments

(7.5.1) Base year end

12/30/2023

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Not relevant CPALLs business does not have financial investment and banking as our core business activity

Scope 3: Other (upstream)

(7.5.1) Base year end

12/30/2023

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Not relevant

Scope 3: Other (downstream)

(7.5.1) Base year end

12/30/2023

(7.5.2) Base year emissions (metric tons CO2e)

0

(7.5.3) Methodological details

Not relevant

[Fixed row]

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none">• Financial services• Oil & Gas• Coal• General• Capital goods• Transport OEMS - EPM• Chemicals• Metals & mining• Transport services	<ul style="list-style-type: none">• Climate Change

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	

(7.6) What were your organization’s gross global Scope 1 emissions in metric tons CO2e?

Reporting year

(7.6.1) Gross global Scope 1 emissions (metric tons CO2e)

497066.35

(7.6.2) End date

Date input [must be between [10/01/2015 - 10/01/2023]

(7.6.3) Methodological details

CPALLs GHG emissions scope 1 data is calculated by including performance of 4 main business units CPALL CPRAM Makro and Lotuss representing more than 95 of our operation The GHG emission from the chemical oxygen demand COD content in CPRAMs wastewater treatment unit Fuel combustions are calculated from the expense record of fuel usage on various activities ie transportation etc Fugitive emission from refrigerant leakage Stationary combustion from diesel power generator This emission data has been verified by the independent third party

Past year 1

(7.6.1) Gross global Scope 1 emissions (metric tons CO2e)

435377.38

(7.6.2) End date

12/30/2022

(7.6.3) Methodological details

CPALLs GHG emissions scope 1 data is calculated by including performance of 4 main business units CPALL CPRAM Makro and Lotuss representing more than 95 of our operation The GHG emission from the chemical oxygen demand COD content in CPRAMs wastewater treatment unit Fuel combustions are calculated from the expense record of fuel usage on various activities ie transportation etc Fugitive emission from refrigerant leakage Stationary combustion from diesel power generator This emission data has been verified by the independent third party

Past year 2

(7.6.1) Gross global Scope 1 emissions (metric tons CO2e)

324357.53

(7.6.2) End date

12/30/2021

(7.6.3) Methodological details

CPALLs GHG emissions scope 1 data is calculated by including performance of 4 main business units CPALL CPRAM Makro and Lotuss representing more than 95 of our operation The GHG emission from the chemical oxygen demand COD content in CPRAMs wastewater treatment unit Fuel combustions are calculated from the expense record of fuel usage on various activities ie transportation etc Fugitive emission from refrigerant leakage Stationary combustion from diesel power generator This emission data has been verified by the independent third party

Past year 3

(7.6.1) Gross global Scope 1 emissions (metric tons CO2e)

(7.6.2) End date*12/30/2020***(7.6.3) Methodological details**

CPALLs GHG emissions scope 1 data is calculated by including performance of 4 main business units CPALL CPRAM Makro and Lotuss representing more than 95 of our operation The GHG emission from the chemical oxygen demand COD content in CPRAMs wastewater treatment unit Fuel combustions are calculated from the expense record of fuel usage on various activities ie transportation etc Fugitive emission from refrigerant leakage Stationary combustion from diesel power generator This emission data has been verified by the independent third party

Past year 4**(7.6.1) Gross global Scope 1 emissions (metric tons CO2e)***Numeric input***(7.6.2) End date***Date input [must be between [10/01/2015 - 10/01/2023]***(7.6.3) Methodological details***Rich text input [must be under 2500 characters]***Past year 5****(7.6.1) Gross global Scope 1 emissions (metric tons CO2e)***Numeric input***(7.6.2) End date***Date input [must be between [10/01/2015 - 10/01/2023]*

(7.6.3) Methodological details

Rich text input [must be under 2500 characters]
[Fixed row]

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • TCFD Metrics and Targets B • IFRS S2 29 • ESRS E1 	<ul style="list-style-type: none"> • Climate Change

(7.7) What were your organization's gross global Scope 2 emissions in metric tons CO2e?

Reporting year

(7.7.1) Gross global Scope 2, location-based emissions (metric tons CO2e)

1627357.84

(7.7.2) Gross global Scope 2, market-based emissions (metric tons CO2e) (if applicable)

1522328.39

(7.7.3) End date

Date input [must be between [10/01/2015 - 10/01/2023]

(7.7.4) Methodological details

Locationbased calculated from total electricity consumption multiplied by emission factor of Thailand's national grid acquired from the Thailand Energy Policy and Planning Office Ministry of Energy Marketbased calculated from total electricity consumption multiplied by emission factor supplied by electricity producers This figure represents 100 of our operation

Past year 1

(7.7.1) Gross global Scope 2, location-based emissions (metric tons CO2e)

1555362.43

(7.7.2) Gross global Scope 2, market-based emissions (metric tons CO2e) (if applicable)

1501380.23

(7.7.3) End date

12/30/2022

(7.7.4) Methodological details

Locationbased calculated from total electricity consumption multiplied by emission factor of Thailand's national grid acquired from the Thailand Energy Policy and Planning Office Ministry of Energy Marketbased calculated from total electricity consumption multiplied by emission factor supplied by electricity producers This figure represents 100 of our operation

Past year 2

(7.7.1) Gross global Scope 2, location-based emissions (metric tons CO2e)

1476174.03

(7.7.2) Gross global Scope 2, market-based emissions (metric tons CO2e) (if applicable)

1454368.73

(7.7.3) End date

12/30/2021

(7.7.4) Methodological details

Locationbased calculated from total electricity consumption multiplied by emission factor of Thailand's national grid acquired from the Thailand Energy Policy and Planning Office Ministry of Energy Marketbased calculated from total electricity consumption multiplied by emission factor supplied by electricity producers This figure represents 100 of our operation

Past year 3

(7.7.1) Gross global Scope 2, location-based emissions (metric tons CO2e)

1584316.33

(7.7.2) Gross global Scope 2, market-based emissions (metric tons CO2e) (if applicable)

1572464.61

(7.7.3) End date

12/30/2020

(7.7.4) Methodological details

Locationbased calculated from total electricity consumption multiplied by emission factor of Thailand's national grid acquired from the Thailand Energy Policy and Planning Office Ministry of Energy Marketbased calculated from total electricity consumption multiplied by emission factor supplied by electricity producers This figure represents 100 of our operation

Past year 4

(7.7.1) Gross global Scope 2, location-based emissions (metric tons CO2e)

Numeric input

(7.7.2) Gross global Scope 2, market-based emissions (metric tons CO2e) (if applicable)

Numeric input

(7.7.3) End date

Date input [must be between [10/01/2015 - 10/01/2023]

(7.7.4) Methodological details

Rich text input [must be under 2500 characters]

Past year 5

(7.7.1) Gross global Scope 2, location-based emissions (metric tons CO2e)

Numeric input

(7.7.2) Gross global Scope 2, market-based emissions (metric tons CO2e) (if applicable)

Numeric input

(7.7.3) End date

Date input [must be between [10/01/2015 - 10/01/2023]

(7.7.4) Methodological details

*Rich text input [must be under 2500 characters]
[Fixed row]*

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • TCFD Metrics and Targets B • IFRS S2 29 • ESRS E1 	<ul style="list-style-type: none"> • Climate Change

(7.8) Account for your organization’s gross global Scope 3 emissions, disclosing and explaining any exclusions.

Purchased goods and services

(7.8.1) Evaluation status

Select from:

- Relevant, calculated
- Relevant, not yet calculated
- Not relevant, calculated
- Not relevant, explanation provided
- Not evaluated

(7.8.2) Emissions in reporting year (metric tons CO2e)

13964445.28

(7.8.3) Emissions calculation methodology

Select all that apply

- Hybrid method
- Fuel-based method
- Average data method
- Site-specific method
- Distance-based method
- Waste-type-specific method
- Investment-specific method
- Spend-based method
- Supplier-specific method
- Methodology for direct use phase emissions, please specify
- Asset-specific method
- Average product method
- Lessor-specific method
- Franchise-specific method
- Average spend-based method
- Methodology for indirect use phase emissions, please specify
- Other, please specify

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

(7.8.5) Please explain

The majority of purchased goods and services is products on shelves of convenience store The calculation method is divided into 2 methods 1 supplier specific Tier 1 Supplier All products are certified carbon footprint by TGO and 2 spend based Amount spent on purchased goods by products using market value EF source from IPCC emissions factor database collecting by GHG Protocol

Capital goods

(7.8.1) Evaluation status

Select from:

- Relevant, calculated
- Relevant, not yet calculated
- Not relevant, calculated
- Not relevant, explanation provided
- Not evaluated

(7.8.2) Emissions in reporting year (metric tons CO2e)

36591.8

(7.8.3) Emissions calculation methodology

Select all that apply

- Hybrid method
- Fuel-based method
- Spend-based method
- Average data method
- Site-specific method
- Average spend-based method
- Waste-type-specific method
- Investment-specific method
- Average product method
- Methodology for direct use phase emissions, please specify
- Distance-based method
- Asset-specific method
- Lessor-specific method
- Supplier-specific method
- Franchise-specific method
- Methodology for indirect use phase emissions, please specify
- Other, please specify

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

(7.8.5) Please explain

As for the construction of a convenience store installed in the base year 2023 it accounts for 707 branches/year The majority of emissions are generated from steel concrete concrete reinforcement steel ISO walls metal sheet roof and more The focus is on the standalone type which is around 20x15 sqm

Fuel-and-energy-related activities (not included in Scope 1 or 2)

(7.8.1) Evaluation status

Select from:

- Relevant, calculated
- Relevant, not yet calculated
- Not relevant, calculated
- Not relevant, explanation provided
- Not evaluated

(7.8.2) Emissions in reporting year (metric tons CO₂e)

345694.47

(7.8.3) Emissions calculation methodology

Select all that apply

- Hybrid method
- Spend-based method
- Average data method
- Site-specific method
- Distance-based method
- Average spend-based method
- Asset-specific method
- Lessor-specific method
- Average product method
- Supplier-specific method
- Franchise-specific method
- Methodology for indirect use phase emissions, please specify

- Waste-type-specific method
- Investment-specific method
- Fuel-based method
- Methodology for direct use phase emissions, please specify
- Other, please specify

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

(7.8.5) Please explain

This category is calculate the cradletogate of oiland electricity that CP ALL consume in scope 1 and scope 2

Upstream transportation and distribution

(7.8.1) Evaluation status

Select from:

- Relevant, calculated
- Relevant, not yet calculated
- Not relevant, calculated
- Not relevant, explanation provided
- Not evaluated

(7.8.2) Emissions in reporting year (metric tons CO2e)

205168.47

(7.8.3) Emissions calculation methodology

Select all that apply

- Hybrid method
- Fuel-based method
- Spend-based method
- Asset-specific method
- Lessor-specific method
- Average product method

- Average data method
- Site-specific method
- Average spend-based method
- Waste-type-specific method
- Investment-specific method
- Distance-based method
- Methodology for direct use phase emissions, please specify
- Supplier-specific method
- Franchise-specific method
- Methodology for indirect use phase emissions, please specify
- Other, please specify

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

(7.8.5) Please explain

The majority of upstream transportation and distribution involves fuel consumption from truck rental services which transport goods from manufactureres and merchants to our facilities ie stores and distribution centers

Waste generated in operations

(7.8.1) Evaluation status

Select from:

- Relevant, calculated
- Relevant, not yet calculated
- Not relevant, calculated
- Not relevant, explanation provided
- Not evaluated

(7.8.2) Emissions in reporting year (metric tons CO2e)

99349.12

(7.8.3) Emissions calculation methodology

Select all that apply

- Hybrid method
- Fuel-based method
- Spend-based method
- Average data method
- Site-specific method
- Franchise-specific method
- Average spend-based method
- Investment-specific method
- Waste-type-specific method
- Methodology for direct use phase emissions, please specify
- Asset-specific method
- Distance-based method
- Lessor-specific method
- Average product method
- Supplier-specific method
- Methodology for indirect use phase emissions, please specify
- Other, please specify

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

(7.8.5) Please explain

CPALL is conscious about our waste disposal emissions The current scope includes waste from factories offices shops and distribution centers This number represents emissions from landfills and the incineration of hazardous and nonhazardous wastes that are disposed of in our operations

Business travel

(7.8.1) Evaluation status

Select from:

- Relevant, calculated
- Relevant, not yet calculated
- Not relevant, calculated
- Not relevant, explanation provided
- Not evaluated

(7.8.2) Emissions in reporting year (metric tons CO2e)

(7.8.3) Emissions calculation methodology

Select all that apply

- Hybrid method
- Fuel-based method
- Spend-based method
- Average data method
- Site-specific method
- Average spend-based method
- Investment-specific method
- Waste-type-specific method
- Distance-based method
- Methodology for direct use phase emissions, please specify
- Asset-specific method
- Lessor-specific method
- Average product method
- Supplier-specific method
- Franchise-specific method
- Methodology for indirect use phase emissions, please specify
- Other, please specify

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

(7.8.5) Please explain

With facilities and business requirements to meet partners nationwide and in other countries air transport contributes to the recognizable portion of Scope 3 emissions Due to the overseas business expansion plan emissions from future business trips will become increasingly important for CPALL

Employee commuting

(7.8.1) Evaluation status

Select from:

- Relevant, calculated
- Relevant, not yet calculated
- Not relevant, calculated

Not relevant, explanation provided

Not evaluated

(7.8.2) Emissions in reporting year (metric tons CO2e)

400005.84

(7.8.3) Emissions calculation methodology

Select all that apply

Hybrid method

Fuel-based method

Spend-based method

Site-specific method

Asset-specific method

Average spend-based method

Investment-specific method

Waste-type-specific method

Average data method

Methodology for direct use phase emissions, please specify

Distance-based method

Lessor-specific method

Average product method

Supplier-specific method

Franchise-specific method

Methodology for indirect use phase emissions, please specify

Other, please specify

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

(7.8.5) Please explain

Employee commuting emissions are related to the transportation of employees between their homes and their place of work

Upstream leased assets

(7.8.1) Evaluation status

Select from:

- Relevant, calculated
- Relevant, not yet calculated
- Not relevant, calculated
- Not relevant, explanation provided
- Not evaluated

(7.8.2) Emissions in reporting year (metric tons CO2e)

Numeric input

(7.8.3) Emissions calculation methodology

Select all that apply

- | | |
|---|---|
| <input type="checkbox"/> Hybrid method | <input type="checkbox"/> Asset-specific method |
| <input type="checkbox"/> Fuel-based method | <input type="checkbox"/> Distance-based method |
| <input type="checkbox"/> Spend-based method | <input type="checkbox"/> Lessor-specific method |
| <input type="checkbox"/> Average data method | <input type="checkbox"/> Average product method |
| <input type="checkbox"/> Site-specific method | <input type="checkbox"/> Supplier-specific method |
| <input type="checkbox"/> Franchise-specific method | <input type="checkbox"/> Methodology for indirect use phase emissions, please specify |
| <input type="checkbox"/> Average spend-based method | <input type="checkbox"/> Other, please specify |
| <input type="checkbox"/> Investment-specific method | |
| <input type="checkbox"/> Waste-type-specific method | |
| <input type="checkbox"/> Methodology for direct use phase emissions, please specify | |

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

Numeric input

(7.8.5) Please explain

CPALL is not responsible for cost of facilities in rented areas

Downstream transportation and distribution

(7.8.1) Evaluation status

Select from:

- Relevant, calculated
- Relevant, not yet calculated
- Not relevant, calculated
- Not relevant, explanation provided
- Not evaluated

(7.8.2) Emissions in reporting year (metric tons CO2e)

81390.99

(7.8.3) Emissions calculation methodology

Select all that apply

- Hybrid method
- Fuel-based method
- Spend-based method
- Site-specific method
- Asset-specific method
- Average spend-based method
- Investment-specific method
- Waste-type-specific method
- Average data method
- Methodology for direct use phase emissions, please specify
- Distance-based method
- Lessor-specific method
- Average product method
- Supplier-specific method
- Franchise-specific method
- Methodology for indirect use phase emissions, please specify
- Other, please specify

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

(7.8.5) Please explain

Calculate based on the number of bills with delivery only There is a delivery radius of 4 km because the delivery service will be provided within this radius only

Processing of sold products

(7.8.1) Evaluation status

Select from:

- Relevant, calculated
- Relevant, not yet calculated
- Not relevant, calculated
- Not relevant, explanation provided
- Not evaluated

(7.8.2) Emissions in reporting year (metric tons CO2e)

Numeric input

(7.8.3) Emissions calculation methodology

Select all that apply

- Hybrid method
- Fuel-based method
- Spend-based method
- Average data method
- Site-specific method
- Franchise-specific method
- Average spend-based method
- Investment-specific method
- Waste-type-specific method
- Methodology for direct use phase emissions, please specify
- Asset-specific method
- Distance-based method
- Lessor-specific method
- Average product method
- Supplier-specific method
- Methodology for indirect use phase emissions, please specify
- Other, please specify

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

(7.8.5) Please explain

CPALLs main business is retail store in which processing of sold product dose not significantly contribute to GHG emissions

Use of sold products

(7.8.1) Evaluation status

Select from:

- Relevant, calculated
- Relevant, not yet calculated
- Not relevant, calculated
- Not relevant, explanation provided
- Not evaluated

(7.8.2) Emissions in reporting year (metric tons CO2e)

41060.17

(7.8.3) Emissions calculation methodology

Select all that apply

- Hybrid method
- Fuel-based method
- Spend-based method
- Average data method
- Site-specific method
- Franchise-specific method
- Average spend-based method
- Investment-specific method
- Waste-type-specific method
- Asset-specific method
- Distance-based method
- Lessor-specific method
- Average product method
- Supplier-specific method

Methodology for indirect use phase emissions, please specify

Other, please specify

Methodology for direct use phase emissions, please specify :Estimate the electricity consumption of the 24 sold shopping products based on the amount of sold devices, their lifetime, and working hours.

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

(7.8.5) Please explain

CP All sells products through 24shopping application which has a variety of products such as microwave refrigerator iron and more Their electricity consumption are considered and estimated to GHG emissions Estimate the electricity consumption of the 24 sold shopping products based on the amount of sold devices their lifetime and working hours

End of life treatment of sold products

(7.8.1) Evaluation status

Select from:

Relevant, calculated

Relevant, not yet calculated

Not relevant, calculated

Not relevant, explanation provided

Not evaluated

(7.8.2) Emissions in reporting year (metric tons CO2e)

11141.53

(7.8.3) Emissions calculation methodology

Select all that apply

Hybrid method

Distance-based method

- Fuel-based method
- Average data method
- Site-specific method
- Asset-specific method
- Average spend-based method
- Investment-specific method
- Spend-based method
- Waste-type-specific method
- Methodology for indirect use phase emissions, please specify
- Lessor-specific method
- Average product method
- Supplier-specific method
- Franchise-specific method
- Other, please specify
- Methodology for direct use phase emissions, please specify

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

(7.8.5) Please explain

CPALL acknowledges the significant quantity of waste generated by the products it sells CPALL is currently assessing the emissions produced by our products and can estimate the contributions arising from our use of plastic and banana products

Downstream leased assets

(7.8.1) Evaluation status

Select from:

- Relevant, calculated
- Relevant, not yet calculated
- Not relevant, calculated
- Not relevant, explanation provided
- Not evaluated

(7.8.2) Emissions in reporting year (metric tons CO2e)

Numeric input

(7.8.3) Emissions calculation methodology

Select all that apply

- Hybrid method
- Fuel-based method
- Spend-based method
- Average data method
- Site-specific method
- Franchise-specific method
- Average spend-based method
- Investment-specific method
- Waste-type-specific method
- Methodology for indirect use phase emissions, please specify
- Asset-specific method
- Distance-based method
- Lessor-specific method
- Average product method
- Supplier-specific method
- Other, please specify
- Methodology for direct use phase emissions, please specify

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

Numeric input

(7.8.5) Please explain

CPALL is not responsible for cost of facilities in rented areas

Franchises

(7.8.1) Evaluation status

Select from:

- Relevant, calculated
- Relevant, not yet calculated
- Not relevant, calculated
- Not relevant, explanation provided
- Not evaluated

(7.8.2) Emissions in reporting year (metric tons CO2e)

Numeric input

(7.8.3) Emissions calculation methodology

Select all that apply

- Hybrid method
- Fuel-based method
- Spend-based method
- Average data method
- Site-specific method
- Franchise-specific method
- Average spend-based method
- Investment-specific method
- Waste-type-specific method
- Methodology for indirect use phase emissions, please specify
- Asset-specific method
- Distance-based method
- Lessor-specific method
- Average product method
- Supplier-specific method
- Other, please specify
- Methodology for direct use phase emissions, please specify

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

Numeric input

(7.8.5) Please explain

CP ALL has already calculated emissions from all stores owned by our business partners in Scope 1 and 2 While franchisees or subarea businesses CPALL has sold the authentic control and has no access to the data

Investments

(7.8.1) Evaluation status

Select from:

- Relevant, calculated

- Relevant, not yet calculated
- Not relevant, calculated
- Not relevant, explanation provided
- Not evaluated

(7.8.2) Emissions in reporting year (metric tons CO2e)

Numeric input

(7.8.3) Emissions calculation methodology

Select all that apply

- | | |
|---|---|
| <input type="checkbox"/> Hybrid method | <input type="checkbox"/> Asset-specific method |
| <input type="checkbox"/> Fuel-based method | <input type="checkbox"/> Distance-based method |
| <input type="checkbox"/> Spend-based method | <input type="checkbox"/> Lessor-specific method |
| <input type="checkbox"/> Average data method | <input type="checkbox"/> Average product method |
| <input type="checkbox"/> Site-specific method | <input type="checkbox"/> Supplier-specific method |
| <input type="checkbox"/> Franchise-specific method | <input type="checkbox"/> Other, please specify |
| <input type="checkbox"/> Average spend-based method | <input type="checkbox"/> Methodology for direct use phase emissions, please specify |
| <input type="checkbox"/> Investment-specific method | |
| <input type="checkbox"/> Waste-type-specific method | |
| <input type="checkbox"/> Methodology for indirect use phase emissions, please specify | |

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

Numeric input

(7.8.5) Please explain

CPALLs business does not have financial investment and banking as our core business activity

Other (upstream)

(7.8.1) Evaluation status

Select from:

- Relevant, calculated
- Relevant, not yet calculated
- Not relevant, calculated
- Not relevant, explanation provided
- Not evaluated

(7.8.2) Emissions in reporting year (metric tons CO2e)

Numeric input

(7.8.3) Emissions calculation methodology

Select all that apply

- Hybrid method
- Fuel-based method
- Spend-based method
- Average data method
- Site-specific method
- Franchise-specific method
- Average spend-based method
- Investment-specific method
- Waste-type-specific method
- Methodology for indirect use phase emissions, please specify
- Asset-specific method
- Distance-based method
- Lessor-specific method
- Average product method
- Supplier-specific method
- Other, please specify
- Methodology for direct use phase emissions, please specify

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

Numeric input

(7.8.5) Please explain

Other (downstream)

(7.8.1) Evaluation status

Select from:

- Relevant, calculated
- Relevant, not yet calculated
- Not relevant, calculated
- Not relevant, explanation provided
- Not evaluated

(7.8.2) Emissions in reporting year (metric tons CO₂e)

Numeric input

(7.8.3) Emissions calculation methodology

Select all that apply

- Hybrid method
- Fuel-based method
- Spend-based method
- Average data method
- Site-specific method
- Franchise-specific method
- Average spend-based method
- Investment-specific method
- Waste-type-specific method
- Methodology for indirect use phase emissions, please specify
- Asset-specific method
- Distance-based method
- Lessor-specific method
- Average product method
- Supplier-specific method
- Other, please specify
- Methodology for direct use phase emissions, please specify

(7.8.4) Percentage of emissions calculated using data obtained from suppliers or value chain partners

(7.8.5) Please explain

[Fixed row]

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • TCFD Metrics and Targets B • IFRS S2 29 • ESRS E1 	<ul style="list-style-type: none"> • Climate Change

(7.8.1) Disclose or restate your Scope 3 emissions data for previous years.

Past year 1

(7.8.1.1) End date

12/30/2022

(7.8.1.2) Scope 3: Purchased goods and services (metric tons CO2e)

12525820.4

(7.8.1.3) Scope 3: Capital goods (metric tons CO2e)

47305.39

(7.8.1.4) Scope 3: Fuel and energy-related activities (not included in Scopes 1 or 2) (metric tons CO2e)

0

(7.8.1.5) Scope 3: Upstream transportation and distribution (metric tons CO2e)

268798.35

(7.8.1.6) Scope 3: Waste generated in operations (metric tons CO2e)

90303.47

(7.8.1.7) Scope 3: Business travel (metric tons CO2e)

2077.74

(7.8.1.8) Scope 3: Employee commuting (metric tons CO2e)

153865.7

(7.8.1.9) Scope 3: Upstream leased assets (metric tons CO2e)

0

(7.8.1.10) Scope 3: Downstream transportation and distribution (metric tons CO2e)

94192.64

(7.8.1.11) Scope 3: Processing of sold products (metric tons CO2e)

0

(7.8.1.12) Scope 3: Use of sold products (metric tons CO2e)

0

(7.8.1.13) Scope 3: End of life treatment of sold products (metric tons CO2e)

9330.91

(7.8.1.14) Scope 3: Downstream leased assets (metric tons CO2e)

0

(7.8.1.15) Scope 3: Franchises (metric tons CO2e)

0

(7.8.1.16) Scope 3: Investments (metric tons CO2e)

0

(7.8.1.17) Scope 3: Other (upstream) (metric tons CO2e)

0

(7.8.1.18) Scope 3: Other (downstream) (metric tons CO2e)

0

(7.8.1.19) Comment

Past year 2

(7.8.1.1) End date

12/30/2021

(7.8.1.2) Scope 3: Purchased goods and services (metric tons CO2e)

12824060.79

(7.8.1.3) Scope 3: Capital goods (metric tons CO2e)

0

(7.8.1.4) Scope 3: Fuel and energy-related activities (not included in Scopes 1 or 2) (metric tons CO2e)

0

(7.8.1.5) Scope 3: Upstream transportation and distribution (metric tons CO2e)

197321.23

(7.8.1.6) Scope 3: Waste generated in operations (metric tons CO2e)

99866.65

(7.8.1.7) Scope 3: Business travel (metric tons CO2e)

141.36

(7.8.1.8) Scope 3: Employee commuting (metric tons CO2e)

0

(7.8.1.9) Scope 3: Upstream leased assets (metric tons CO2e)

0

(7.8.1.10) Scope 3: Downstream transportation and distribution (metric tons CO2e)

0

(7.8.1.11) Scope 3: Processing of sold products (metric tons CO2e)

0

(7.8.1.12) Scope 3: Use of sold products (metric tons CO2e)

0

(7.8.1.13) Scope 3: End of life treatment of sold products (metric tons CO2e)

10108.25

(7.8.1.14) Scope 3: Downstream leased assets (metric tons CO2e)

0

(7.8.1.15) Scope 3: Franchises (metric tons CO2e)

0

(7.8.1.16) Scope 3: Investments (metric tons CO2e)

0

(7.8.1.17) Scope 3: Other (upstream) (metric tons CO2e)

0

(7.8.1.18) Scope 3: Other (downstream) (metric tons CO2e)

0

(7.8.1.19) Comment

Past year 3

(7.8.1.1) End date

12/30/2020

(7.8.1.2) Scope 3: Purchased goods and services (metric tons CO2e)

0

(7.8.1.3) Scope 3: Capital goods (metric tons CO2e)

0

(7.8.1.4) Scope 3: Fuel and energy-related activities (not included in Scopes 1 or 2) (metric tons CO2e)

0

(7.8.1.5) Scope 3: Upstream transportation and distribution (metric tons CO2e)

141122.76

(7.8.1.6) Scope 3: Waste generated in operations (metric tons CO2e)

90956.37

(7.8.1.7) Scope 3: Business travel (metric tons CO2e)

793.62

(7.8.1.8) Scope 3: Employee commuting (metric tons CO2e)

0

(7.8.1.9) Scope 3: Upstream leased assets (metric tons CO2e)

0

(7.8.1.10) Scope 3: Downstream transportation and distribution (metric tons CO2e)

0

(7.8.1.11) Scope 3: Processing of sold products (metric tons CO2e)

0

(7.8.1.12) Scope 3: Use of sold products (metric tons CO2e)

0

(7.8.1.13) Scope 3: End of life treatment of sold products (metric tons CO2e)

10226.12

(7.8.1.14) Scope 3: Downstream leased assets (metric tons CO2e)

0

(7.8.1.15) Scope 3: Franchises (metric tons CO2e)

0

(7.8.1.16) Scope 3: Investments (metric tons CO2e)

0

(7.8.1.17) Scope 3: Other (upstream) (metric tons CO2e)

0

(7.8.1.18) Scope 3: Other (downstream) (metric tons CO2e)

0

(7.8.1.19) Comment

Past year 4

(7.8.1.1) End date

Date input [must be between 10/01/2015 - 10/01/2023]

(7.8.1.2) Scope 3: Purchased goods and services (metric tons CO2e)

Numeric input

(7.8.1.3) Scope 3: Capital goods (metric tons CO2e)

Numeric input

(7.8.1.4) Scope 3: Fuel and energy-related activities (not included in Scopes 1 or 2) (metric tons CO2e)

Numeric input

(7.8.1.5) Scope 3: Upstream transportation and distribution (metric tons CO2e)

Numeric input

(7.8.1.6) Scope 3: Waste generated in operations (metric tons CO2e)

Numeric input

(7.8.1.7) Scope 3: Business travel (metric tons CO2e)

Numeric input

(7.8.1.8) Scope 3: Employee commuting (metric tons CO2e)

Numeric input

(7.8.1.9) Scope 3: Upstream leased assets (metric tons CO2e)

Numeric input

(7.8.1.10) Scope 3: Downstream transportation and distribution (metric tons CO2e)

Numeric input

(7.8.1.11) Scope 3: Processing of sold products (metric tons CO2e)

Numeric input

(7.8.1.12) Scope 3: Use of sold products (metric tons CO2e)

Numeric input

(7.8.1.13) Scope 3: End of life treatment of sold products (metric tons CO2e)

Numeric input

(7.8.1.14) Scope 3: Downstream leased assets (metric tons CO2e)

Numeric input

(7.8.1.15) Scope 3: Franchises (metric tons CO2e)

Numeric input

(7.8.1.16) Scope 3: Investments (metric tons CO2e)

Numeric input

(7.8.1.17) Scope 3: Other (upstream) (metric tons CO2e)

Numeric input

(7.8.1.18) Scope 3: Other (downstream) (metric tons CO2e)

Numeric input

(7.8.1.19) Comment

Rich text input [must be under 5000 characters]

Past year 5

(7.8.1.1) End date

Date input [must be between [10/01/2015 - 10/01/2023]

(7.8.1.2) Scope 3: Purchased goods and services (metric tons CO2e)

Numeric input

(7.8.1.3) Scope 3: Capital goods (metric tons CO2e)

Numeric input

(7.8.1.4) Scope 3: Fuel and energy-related activities (not included in Scopes 1 or 2) (metric tons CO2e)

Numeric input

(7.8.1.5) Scope 3: Upstream transportation and distribution (metric tons CO2e)

Numeric input

(7.8.1.6) Scope 3: Waste generated in operations (metric tons CO2e)

Numeric input

(7.8.1.7) Scope 3: Business travel (metric tons CO2e)

Numeric input

(7.8.1.8) Scope 3: Employee commuting (metric tons CO2e)

Numeric input

(7.8.1.9) Scope 3: Upstream leased assets (metric tons CO2e)

Numeric input

(7.8.1.10) Scope 3: Downstream transportation and distribution (metric tons CO2e)

Numeric input

(7.8.1.11) Scope 3: Processing of sold products (metric tons CO2e)

Numeric input

(7.8.1.12) Scope 3: Use of sold products (metric tons CO2e)

Numeric input

(7.8.1.13) Scope 3: End of life treatment of sold products (metric tons CO2e)

Numeric input

(7.8.1.14) Scope 3: Downstream leased assets (metric tons CO2e)

Numeric input

(7.8.1.15) Scope 3: Franchises (metric tons CO2e)

Numeric input

(7.8.1.16) Scope 3: Investments (metric tons CO2e)

Numeric input

(7.8.1.17) Scope 3: Other (upstream) (metric tons CO2e)

Numeric input

(7.8.1.18) Scope 3: Other (downstream) (metric tons CO2e)

Numeric input

(7.8.1.19) Comment

Rich text input [must be under 5000 characters]

[Fixed row]

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none">• Financial services• Oil & Gas• Coal• General	<ul style="list-style-type: none">• TCFD Metrics and Targets B	<ul style="list-style-type: none">• Climate Change

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none"> • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 		

(7.9) Indicate the verification/assurance status that applies to your reported emissions.

	Verification/assurance status
Scope 1	<i>Select from:</i> <input type="checkbox"/> No emissions data provided <input type="checkbox"/> No third-party verification or assurance <input checked="" type="checkbox"/> Third-party verification or assurance process in place
Scope 2 (location-based or market-based)	<i>Select from:</i>

	Verification/assurance status
	<input type="checkbox"/> No emissions data provided <input type="checkbox"/> No third-party verification or assurance <input checked="" type="checkbox"/> Third-party verification or assurance process in place
Scope 3	<i>Select from:</i> <input type="checkbox"/> No emissions data provided <input type="checkbox"/> No third-party verification or assurance <input checked="" type="checkbox"/> Third-party verification or assurance process in place

[Fixed row]

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement 	<ul style="list-style-type: none"> • Climate Change

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	

(7.9.1) Provide further details of the verification/assurance undertaken for your Scope 1 emissions, and attach the relevant statements.

Row 1

(7.9.1.1) Verification or assurance cycle in place

Select from:

- Annual process
- Biennial process
- Triennial process

(7.9.1.2) Status in the current reporting year

Select from:

- No verification or assurance of current reporting year
- Underway but not complete for current reporting year – first year it has taken place
- Underway but not complete for reporting year – previous statement of process attached
- Complete

(7.9.1.3) Type of verification or assurance

Select from:

- Not applicable
- Third party verification/assurance underway
- High assurance

- Limited assurance
- Moderate assurance
- Reasonable assurance

(7.9.1.4) Attach the statement

BGK00001000_CPALL_Assurance Statement_SR2023_for client confirmation 20.06.pdf

(7.9.1.5) Page/section reference

1

(7.9.1.6) Relevant standard

Select from:

- | | |
|--|---|
| <input type="checkbox"/> ASAE3000 | <input type="checkbox"/> ISO14064-1 |
| <input type="checkbox"/> ISAE3000 | <input type="checkbox"/> Dutch Standard 3000A |
| <input type="checkbox"/> ISAE 3410 | <input type="checkbox"/> Carbon Trust Standard |
| <input type="checkbox"/> SSAE 3000 | <input type="checkbox"/> Earthcheck Certification |
| <input type="checkbox"/> ISO14064-3 | <input type="checkbox"/> Tokyo Emissions Trading Scheme |
| <input type="checkbox"/> SGS Sustainability Report Assurancecou | <input type="checkbox"/> Spanish Institute of Registered Auditors (ICJCE) |
| <input type="checkbox"/> Swiss Climate CO2 Label for Businesses | <input type="checkbox"/> European Union Emissions Trading System (EU ETS) |
| <input type="checkbox"/> Corporate GHG verification guidelines from ERT | <input type="checkbox"/> Australian National GHG emission regulation (NGER) |
| <input type="checkbox"/> ERM GHG Performance Data Assurance Methodology | <input type="checkbox"/> Attestation standards established by AICPA (AT105) |
| <input type="checkbox"/> Korean GHG and energy target management system | <input type="checkbox"/> Chicago Climate Exchange (CCX) verification standard |
| <input type="checkbox"/> California Mandatory GHG Reporting Regulations (CARB) | <input type="checkbox"/> Alberta Technology Innovation and Emissions Reduction (TIER) |
| <input type="checkbox"/> RevR6 procedure for assurance of sustainability report | <input type="checkbox"/> ABNT NBR ISO 14064-3:2007 (Associação Brasileira de Normas Técnicas) |
| <input type="checkbox"/> Toitū Envirocare's carbonreduce certification standard | <input type="checkbox"/> Japan voluntary emissions trading scheme (JVETS) guideline for verification |
| <input type="checkbox"/> Compagnie Nationale des Commissaires aux Comptes (CNCC) | <input type="checkbox"/> Airport Carbon Accreditation (ACA) des Airports Council International Europe |
| <input type="checkbox"/> Saitama Prefecture Target-Setting Emissions Trading Program | <input type="checkbox"/> DNV VeriSustain Protocol/ Verification Protocol for Sustainability Reporting |
| <input type="checkbox"/> NMX-SAA-14064-3-IMNC: Instituto Mexicano de Normalización y Certificación A.C | |
| <input type="checkbox"/> Canadian Institute of Chartered Accountants (CICA) Handbook: Assurance Section 5025 | |

- Advanced technologies promotion Subsidy Scheme with Emission reduction Target (ASSET)
- Thai Greenhouse Gas Management Organisation (TGO) Greenhouse Gas (GHG) Verification Protocol
- The Climate Registry's General Verification Protocol (also known as California Climate Action Registry (CCAR))
- State of Israel Ministry of Environmental Protection, Verification of GHG and emissions reduction in Israel Guidance Document
- Standard 3810N Assurance engagements relating to sustainability reports of the Royal Netherlands Institute of Registered Accountants
- IDW AsS 821: IDW Assurance Standard: Generally Accepted Assurance Principles for the Audit or Review of Reports on Sustainability Issues
- IDW PS 821: IDW Prüfungsstandard: Grundsätze ordnungsmäßiger Prüfung oder prüferischer Durchsicht von Berichtenim Bereich der Nachhaltigkeit
- AA1000AS
- Other, please specify

(7.9.1.7) Proportion of reported emissions verified (%)

100

[Add row]

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement 	<ul style="list-style-type: none"> • Climate Change

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	

(7.9.2) Provide further details of the verification/assurance undertaken for your Scope 2 emissions and attach the relevant statements.

Row 1

(7.9.2.1) Scope 2 approach

Select from:

- Scope 2 location-based
- Scope 2 market-based

(7.9.2.2) Verification or assurance cycle in place

Select from:

- Annual process
- Biennial process
- Triennial process

(7.9.2.3) Status in the current reporting year

Select from:

- No verification or assurance of current reporting year
- Underway but not complete for current reporting year – first year it has taken place
- Underway but not complete for reporting year – previous statement of process attached
- Complete

(7.9.2.4) Type of verification or assurance

Select from:

- Not applicable
- High assurance
- Limited assurance
- Moderate assurance
- Reasonable assurance
- Third party verification/assurance underway

(7.9.2.5) Attach the statement

BGK00001000_CPALL_Assurance Statement_SR2023_for client confirmation 20.06.pdf

(7.9.2.6) Page/ section reference

1

(7.9.2.7) Relevant standard

Select from:

- ASAE3000
- ISAE3000
- ISAE 3410
- SSAE 3000
- ISO14064-3
- SGS Sustainability Report Assurancecou
- Swiss Climate CO2 Label for Businesses
- Corporate GHG verification guidelines from ERT
- ERM GHG Performance Data Assurance Methodology
- Korean GHG and energy target management system
- California Mandatory GHG Reporting Regulations (CARB)
- RevR6 procedure for assurance of sustainability report
- ISO14064-1
- Dutch Standard 3000A
- Carbon Trust Standard
- Earthcheck Certification
- Tokyo Emissions Trading Scheme
- Spanish Institute of Registered Auditors (ICJCE)
- European Union Emissions Trading System (EU ETS)
- Australian National GHG emission regulation (NGER)
- Attestation standards established by AICPA (AT105)
- Chicago Climate Exchange (CCX) verification standard
- Alberta Technology Innovation and Emissions Reduction (TIER)
- ABNT NBR ISO 14064-3:2007 (Associação Brasileira de Normas Técnicas)

- Toitū Envirocare’s carbonreduce certification standard
- Compagnie Nationale des Commissaires aux Comptes (CNCC)
- Saitama Prefecture Target-Setting Emissions Trading Program
- NMX-SAA-14064-3-IMNC: Instituto Mexicano de Normalización y Certificación A.C
- Canadian Institute of Chartered Accountants (CICA) Handbook: Assurance Section 5025
- Advanced technologies promotion Subsidy Scheme with Emission reduction Target (ASSET)
- Thai Greenhouse Gas Management Organisation (TGO) Greenhouse Gas (GHG) Verification Protocol
- The Climate Registry's General Verification Protocol (also known as California Climate Action Registry (CCAR))
- State of Israel Ministry of Environmental Protection, Verification of GHG and emissions reduction in Israel Guidance Document
- Standard 3810N Assurance engagements relating to sustainability reports of the Royal Netherlands Institute of Registered Accountants
- IDW AsS 821: IDW Assurance Standard: Generally Accepted Assurance Principles for the Audit or Review of Reports on Sustainability Issues
- IDW PS 821: IDW Prüfungsstandard: Grundsätze ordnungsmäßiger Prüfung oder prüferischer Durchsicht von Berichtenim Bereich der Nachhaltigkeit
- AA1000AS
- Other, please specify

(7.9.2.8) Proportion of reported emissions verified (%)

100
[Add row]

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services 	<ul style="list-style-type: none"> • Climate Change

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	

(7.9.3) Provide further details of the verification/assurance undertaken for your Scope 3 emissions and attach the relevant statements.

Row 1

(7.9.3.1) Scope 3 category

Select all that apply

- | | |
|---|---|
| <input type="checkbox"/> Scope 3: Franchises | <input checked="" type="checkbox"/> Scope 3: Capital goods |
| <input type="checkbox"/> Scope 3: Investments | <input checked="" type="checkbox"/> Scope 3: Business travel |
| <input type="checkbox"/> Scope 3: Upstream leased assets | <input checked="" type="checkbox"/> Scope 3: Employee commuting |
| <input type="checkbox"/> Scope 3: Downstream leased assets | <input checked="" type="checkbox"/> Scope 3: Use of sold products |
| <input type="checkbox"/> Scope 3: Processing of sold products | <input checked="" type="checkbox"/> Scope 3: Purchased goods and services |
| <input checked="" type="checkbox"/> Scope 3: Waste generated in operations | |
| <input checked="" type="checkbox"/> Scope 3: End-of-life treatment of sold products | |
| <input checked="" type="checkbox"/> Scope 3: Upstream transportation and distribution | |
| <input checked="" type="checkbox"/> Scope 3: Downstream transportation and distribution | |
| <input checked="" type="checkbox"/> Scope 3: Fuel and energy-related activities (not included in Scopes 1 or 2) | |

(7.9.3.2) Verification or assurance cycle in place

Select from:

- Annual process
- Biennial process
- Triennial process

(7.9.3.3) Status in the current reporting year

Select from:

- No verification or assurance of current reporting year
- Underway but not complete for current reporting year – first year it has taken place
- Underway but not complete for reporting year – previous statement of process attached
- Complete

(7.9.3.4) Type of verification or assurance

Select from:

- Not applicable
- Third party verification/ assurance underway
- High assurance
- Limited assurance
- Moderate assurance
- Reasonable assurance

(7.9.3.5) Attach the statement

BGK00001000_CPALL_Assurance Statement_SR2023_for client confirmation 20.06.pdf

(7.9.3.6) Page/section reference

1

(7.9.3.7) Relevant standard

Select from:

- ASAE3000
 - ISAE3000
 - ISAE 3410
 - SSAE 3000
 - ISO14064-3
 - SGS Sustainability Report Assurancecou
 - Swiss Climate CO2 Label for Businesses
 - Corporate GHG verification guidelines from ERT
 - ERM GHG Performance Data Assurance Methodology
 - Korean GHG and energy target management system
 - California Mandatory GHG Reporting Regulations (CARB)
 - RevR6 procedure for assurance of sustainability report
 - Toitū Envirocare's carbonreduce certification standard
 - Compagnie Nationale des Commissaires aux Comptes (CNCC)
 - Saitama Prefecture Target-Setting Emissions Trading Program
 - NMX-SAA-14064-3-IMNC: Instituto Mexicano de Normalización y Certificación A.C
 - Canadian Institute of Chartered Accountants (CICA) Handbook: Assurance Section 5025
 - Advanced technologies promotion Subsidy Scheme with Emission reduction Target (ASSET)
 - Thai Greenhouse Gas Management Organisation (TGO) Greenhouse Gas (GHG) Verification Protocol
 - The Climate Registry's General Verification Protocol (also known as California Climate Action Registry (CCAR))
 - State of Israel Ministry of Environmental Protection, Verification of GHG and emissions reduction in Israel Guidance Document
 - Standard 3810N Assurance engagements relating to sustainability reports of the Royal Netherlands Institute of Registered Accountants
 - IDW AsS 821: IDW Assurance Standard: Generally Accepted Assurance Principles for the Audit or Review of Reports on Sustainability Issues
 - IDW PS 821: IDW Prüfungsstandard: Grundsätze ordnungsmäßiger Prüfung oder prüferischer Durchsicht von Berichtenim Bereich der Nachhaltigkeit
 - AA1000AS
 - Other, please specify
- ISO14064-1
 - Dutch Standard 3000A
 - Carbon Trust Standard
 - Earthcheck Certification
 - Tokyo Emissions Trading Scheme
 - Spanish Institute of Registered Auditors (ICJCE)
 - European Union Emissions Trading System (EU ETS)
 - Australian National GHG emission regulation (NGER)
 - Attestation standards established by AICPA (AT105)
 - Chicago Climate Exchange (CCX) verification standard
 - Alberta Technology Innovation and Emissions Reduction (TIER)
 - ABNT NBR ISO 14064-3:2007 (Associação Brasileira de Normas Técnicas)
 - Japan voluntary emissions trading scheme (JVETS) guideline for verification
 - Airport Carbon Accreditation (ACA) des Airports Council International Europe
 - DNV VeriSustain Protocol/ Verification Protocol for Sustainability Reporting

(7.9.3.8) Proportion of reported emissions verified (%)

[Add row]

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none">• Financial services• Oil & Gas• Coal• General• Capital goods• Transport OEMS - EPM• Chemicals• Metals & mining• Transport services• Steel• Agricultural commodities• Electric utilities• Transport OEMS• Cement• Food, beverage & tobacco• Paper & forestry• Real estate• Construction	<ul style="list-style-type: none">• NZAM Commitment 2	<ul style="list-style-type: none">• Climate Change

(7.10) How do your gross global emissions (Scope 1 and 2 combined) for the reporting year compare to those of the previous reporting year?

Select from:

- Increased
- Decreased
- Remained the same overall

This is our first year of reporting, so we cannot compare to last year

We don't have any emissions data

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none">• Financial services• Oil & Gas• Coal• General• Capital goods• Transport OEMS - EPM• Chemicals• Metals & mining• Transport services• Steel• Agricultural commodities• Electric utilities• Transport OEMS• Cement• Food, beverage & tobacco• Paper & forestry• Real estate• Construction	<ul style="list-style-type: none">• Climate Change

(7.10.1) Identify the reasons for any change in your gross global emissions (Scope 1 and 2 combined), and for each of them specify how your emissions compare to the previous year.

Change in renewable energy consumption

(7.10.1.1) Change in emissions (metric tons CO2e)

57680.58

(7.10.1.2) Direction of change in emissions

Select from:

- Increased
- Decreased
- No change

(7.10.1.3) Emissions value (percentage)

96.8

(7.10.1.4) Please explain calculation

Rich text input [must be under 2400 characters]

Other emissions reduction activities

(7.10.1.1) Change in emissions (metric tons CO2e)

Numeric input

(7.10.1.2) Direction of change in emissions

Select from:

- Increased
- Decreased
- No change

(7.10.1.3) Emissions value (percentage)

Numeric input

(7.10.1.4) Please explain calculation

Rich text input [must be under 2400 characters]

Divestment

(7.10.1.1) Change in emissions (metric tons CO2e)

0

(7.10.1.2) Direction of change in emissions

Select from:

- Increased
- Decreased
- No change

(7.10.1.3) Emissions value (percentage)

Numeric input

(7.10.1.4) Please explain calculation

Rich text input [must be under 2400 characters]

Acquisitions

(7.10.1.1) Change in emissions (metric tons CO2e)

0

(7.10.1.2) Direction of change in emissions

Select from:

- Increased
- Decreased
- No change

(7.10.1.3) Emissions value (percentage)

Numeric input

(7.10.1.4) Please explain calculation

Rich text input [must be under 2400 characters]

Mergers

(7.10.1.1) Change in emissions (metric tons CO2e)

0

(7.10.1.2) Direction of change in emissions

Select from:

- Increased
- Decreased
- No change

(7.10.1.3) Emissions value (percentage)

Numeric input

(7.10.1.4) Please explain calculation

Rich text input [must be under 2400 characters]

Change in output

(7.10.1.1) Change in emissions (metric tons CO2e)

0

(7.10.1.2) Direction of change in emissions

Select from:

- Increased
- Decreased
- No change

(7.10.1.3) Emissions value (percentage)

Numeric input

(7.10.1.4) Please explain calculation

Rich text input [must be under 2400 characters]

Change in methodology

(7.10.1.1) Change in emissions (metric tons CO2e)

Numeric input

(7.10.1.2) Direction of change in emissions

Select from:

- Increased
- Decreased
- No change

(7.10.1.3) Emissions value (percentage)

Numeric input

(7.10.1.4) Please explain calculation

Rich text input [must be under 2400 characters]

Change in boundary

(7.10.1.1) Change in emissions (metric tons CO2e)

Numeric input

(7.10.1.2) Direction of change in emissions

Select from:

- Increased
- Decreased
- No change

(7.10.1.3) Emissions value (percentage)

Numeric input

(7.10.1.4) Please explain calculation

Rich text input [must be under 2400 characters]

Change in physical operating conditions

(7.10.1.1) Change in emissions (metric tons CO2e)

Numeric input

(7.10.1.2) Direction of change in emissions

Select from:

- Increased
- Decreased
- No change

(7.10.1.3) Emissions value (percentage)

Numeric input

(7.10.1.4) Please explain calculation

Rich text input [must be under 2400 characters]

Unidentified

(7.10.1.1) Change in emissions (metric tons CO2e)

Numeric input

(7.10.1.2) Direction of change in emissions

Select from:

- Increased
- Decreased
- No change

(7.10.1.3) Emissions value (percentage)

Numeric input

(7.10.1.4) Please explain calculation

Rich text input [must be under 2400 characters]

Other

(7.10.1.1) Change in emissions (metric tons CO2e)

Numeric input

(7.10.1.2) Direction of change in emissions

Select from:

- Increased
- Decreased
- No change

(7.10.1.3) Emissions value (percentage)

Numeric input

(7.10.1.4) Please explain calculation

Rich text input [must be under 2400 characters]
[Fixed row]

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none">• Financial services• Oil & Gas• Coal• General• Capital goods• Transport OEMS - EPM• Chemicals• Metals & mining• Transport services• Steel• Agricultural commodities• Electric utilities• Transport OEMS• Cement	<ul style="list-style-type: none">• ESRS 2• IFRS S2 35• ESRS E1	<ul style="list-style-type: none">• Climate Change

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none"> • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 		

(7.10.2) Are your emissions performance calculations in 7.10 and 7.10.1 based on a location-based Scope 2 emissions figure or a market-based Scope 2 emissions figure?

Select from:

- Location-based
- Market-based
- Don't know

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement 	<ul style="list-style-type: none"> • Climate Change

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	

(7.12) Are carbon dioxide emissions from biogenic carbon relevant to your organization?

Select from:

Yes

No

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Electric utilities • Transport OEMS • Cement • Real estate • Construction 	<ul style="list-style-type: none"> • Climate Change

(7.12.1) Provide the emissions from biogenic carbon relevant to your organization in metric tons CO2.

	CO2 emissions from biogenic carbon (metric tons CO2)	Comment
	<i>Numeric input</i>	<i>Rich text input [must be under 2400 characters]</i>

[Fixed row]

Questionnaire sector	Environmental Issue	Framework Alignment
<ul style="list-style-type: none"> • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Electric utilities • Transport OEMS • Cement • Real estate • Construction 	<ul style="list-style-type: none"> • Climate Change 	<ul style="list-style-type: none"> • ESRS E1

(7.15) Does your organization break down its Scope 1 emissions by greenhouse gas type?

Select from:

- Yes
- No
- Don't know

Questionnaire sector	Environmental Issue	Framework Alignment
<ul style="list-style-type: none"> • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • Climate Change 	<ul style="list-style-type: none"> • ESRS E1

(7.15.1) Break down your total gross global Scope 1 emissions by greenhouse gas type and provide the source of each used global warming potential (GWP).

Row 1

(7.15.1.1) Greenhouse gas

Select from:

- CH4
- PFCs
- N2O
- CO2

- SF6
- NF3
- HFCs

Other, please specify

(7.15.1.2) Scope 1 emissions (metric tons of CO2e)

497066.35

(7.15.1.3) GWP Reference

Select from:

- IPCC Sixth Assessment Report (AR6 - 20 year)
 - IPCC Fifth Assessment Report (AR5 - 20 year)
 - IPCC Sixth Assessment Report (AR6 - 100 year)
 - IPCC Fifth Assessment Report (AR5 - 100 year)
 - IPCC Third Assessment Report (TAR - 100 year)
 - IPCC Fourth Assessment Report (AR4 - 20 year)
 - IPCC Fourth Assessment Report (AR4 - 100 year)
 - IPCC Second Assessment Report (SAR - 100 year)
 - Other, please specify
- IPCC Third Assessment Report (TAR - 50 year)
 - IPCC Third Assessment Report (TAR - 20 year)
 - IPCC Second Assessment Report (SAR - 20 year)
 - IPCC Fourth Assessment Report (AR4 - 50 year)
 - IPCC Second Assessment Report (SAR - 50 year)

[Add row]

Questionnaire sector	Environmental Issue	Framework Alignment
<ul style="list-style-type: none"> • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services 	<ul style="list-style-type: none"> • Climate Change 	<ul style="list-style-type: none"> • ESRS E1

Questionnaire sector	Environmental Issue	Framework Alignment
<ul style="list-style-type: none"> • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 		

(7.16) Break down your total gross global Scope 1 and 2 emissions by country/area.

Afghanistan

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Åland Islands

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Albania

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Algeria

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

American Samoa

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Andorra

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Angola

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Anguilla

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Antarctica

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Antigua and Barbuda

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Argentina

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Armenia

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Aruba

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Australia

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Austria

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Azerbaijan

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Bahamas

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Bahrain

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Bangladesh

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Barbados

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Belarus

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Belgium

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Belize

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Benin

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Bermuda

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Bhutan

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Bolivia (Plurinational State of)

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Bonaire, Sint Eustatius and Saba

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Bosnia & Herzegovina

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Botswana

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Bouvet Island

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Brazil

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

British Indian Ocean Territory

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

British Virgin Islands

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Brunei Darussalam

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Bulgaria

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Burkina Faso

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Burundi

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Cabo Verde

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Cambodia

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Cameroon

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Canada

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Cayman Islands

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Central African Republic

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Chad

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Chile

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

China

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

China, Macao Special Administrative Region

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Christmas Island

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Cocos (Keeling) Islands

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Colombia

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Comoros

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Congo

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Cook Islands

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Costa Rica

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Côte d'Ivoire

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Croatia

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Cuba

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Curaçao

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Cyprus

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Czechia

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Democratic People's Republic of Korea

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Democratic Republic of the Congo

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Denmark

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Djibouti

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Dominica

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Dominican Republic

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Ecuador

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Egypt

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

El Salvador

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Equatorial Guinea

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Eritrea

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Estonia

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Eswatini

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Ethiopia

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Falkland Islands (Malvinas)

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Faroe Islands

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Fiji

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Finland

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

France

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

French Guiana

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

French Polynesia

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

French Southern Territories

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Gabon

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Gambia

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Georgia

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Germany

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Ghana

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Gibraltar

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Greece

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Greenland

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Grenada

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Guadeloupe

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Guam

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Guatemala

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Guernsey

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Guinea

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Guinea-Bissau

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Guyana

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Haiti

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

0

Holy See

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Heard Island and McDonald Islands

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Honduras

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

0

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Hong Kong SAR, China

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Hungary

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Iceland

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

India

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Indonesia

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Iran (Islamic Republic of)

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Iraq

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Ireland

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Isle of Man

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Israel

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Italy

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Jamaica

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Japan

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Jersey

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Jordan

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Kazakhstan

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Kenya

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Kiribati

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Kuwait

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Kyrgyzstan

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Lao People's Democratic Republic

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Latvia

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Lebanon

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Lesotho

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Liberia

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Libya

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Liechtenstein

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Lithuania

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Luxembourg

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Madagascar

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Malawi

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Malaysia

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Maldives

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Mali

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Malta

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Marshall Islands

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Martinique

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Mauritania

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Mauritius

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Mayotte

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Mexico

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Micronesia (Federated States of)

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Monaco

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Mongolia

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Montenegro

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Montserrat

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Morocco

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Mozambique

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Myanmar

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Namibia

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Nauru

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Nepal

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Netherlands

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

New Caledonia

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

New Zealand

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Nicaragua

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Niger

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Nigeria

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Niue

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Norfolk Island

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

North Macedonia

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Northern Mariana Islands

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Norway

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Oman

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Pakistan

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Palau

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Panama

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Papua New Guinea

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Paraguay

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Peru

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Philippines

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Pitcairn

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Poland

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Portugal

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Puerto Rico

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Qatar

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Republic of Korea

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Republic of Moldova

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Réunion

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Romania

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Russian Federation

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Rwanda

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Saint Barthélemy

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Saint Helena

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Saint Kitts and Nevis

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Saint Lucia

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Saint Martin (French part)

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Saint Pierre and Miquelon

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Saint Vincent and the Grenadines

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Samoa

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

San Marino

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Sao Tome and Principe

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Saudi Arabia

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Senegal

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Sierra Leone

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Serbia

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Seychelles

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Singapore

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Sint Maarten (Dutch part)

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Slovakia

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Slovenia

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Solomon Islands

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Somalia

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

South Africa

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

South Georgia and the South Sandwich Islands

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

South Sudan

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Spain

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Sri Lanka

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

State of Palestine

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Sudan

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Suriname

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Svalbard and Jan Mayen Islands

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Sweden

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Switzerland

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Syrian Arab Republic

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Taiwan, China

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Tajikistan

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Thailand

(7.16.1) Scope 1 emissions (metric tons CO2e)

497066.35

(7.16.2) Scope 2, location-based (metric tons CO2e)

1627357.84

(7.16.3) Scope 2, market-based (metric tons CO2e)

1522328.39

Timor-Leste

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Togo

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Tokelau

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Tonga

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Trinidad and Tobago

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Tunisia

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Turkey

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Turkmenistan

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Turks and Caicos Islands

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Tuvalu

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Uganda

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Ukraine

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

United Arab Emirates

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

United Kingdom of Great Britain and Northern Ireland

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

United Republic of Tanzania

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

United States Minor Outlying Islands

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

United States of America

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Uruguay

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

United States Virgin Islands

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Uzbekistan

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Vanuatu

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Venezuela (Bolivarian Republic of)

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Viet Nam

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Wallis and Futuna Islands

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Western Sahara

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Yemen

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Zambia

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

Zimbabwe

(7.16.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.16.2) Scope 2, location-based (metric tons CO2e)

Numeric input

(7.16.3) Scope 2, market-based (metric tons CO2e)

Numeric input

[Fixed row]

Questionnaire sector	Environmental Issue	Framework Alignment
<ul style="list-style-type: none">• Oil & Gas• Coal• General• Capital goods• Transport OEMS - EPM• Chemicals• Metals & mining• Transport services• Steel• Agricultural commodities• Electric utilities• Transport OEMS• Cement• Food, beverage & tobacco• Paper & forestry• Real estate• Construction	<ul style="list-style-type: none">• Climate Change	<ul style="list-style-type: none">• ESRS E1

(7.17) Indicate which gross global Scope 1 emissions breakdowns you are able to provide.

Select all that apply

By business division

By facility

By activity

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none">• Oil & Gas• Coal• General• Capital goods• Transport OEMS - EPM• Chemicals• Metals & mining• Transport services• Steel• Agricultural commodities• Electric utilities• Transport OEMS• Cement• Food, beverage & tobacco• Paper & forestry• Real estate• Construction	<ul style="list-style-type: none">• Climate Change

(7.17.1) Break down your total gross global Scope 1 emissions by business division.

	Business division	Scope 1 emissions (metric ton CO2e)
Row 1	<i>CPALL</i>	<i>328497.1</i>
Row 3	<i>Makro</i>	<i>42777.88</i>
Row 2	<i>CPRAM</i>	<i>39838.51</i>
Row 4	<i>Lotus</i>	<i>85952.86</i>

[Add row]

Questionnaire sector	Environmental Issue	Framework Alignment
<ul style="list-style-type: none"> • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • Climate Change 	<ul style="list-style-type: none"> • ESRS E1

(7.17.2) Break down your total gross global Scope 1 emissions by business facility.

Row 1

(7.17.2.1) Facility

Rich text input [must be under 500 characters]

(7.17.2.2) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.17.2.3) Latitude

Numeric input [must be between [-90 - 90]]

(7.17.2.4) Longitude

Numeric input [must be between [-180 - 180]]

[Add row]

Questionnaire sector	Environmental Issue	Framework Alignment
<ul style="list-style-type: none">• Oil & Gas• Coal• General• Capital goods• Transport OEMS - EPM• Chemicals• Metals & mining• Transport services• Steel• Agricultural commodities	<ul style="list-style-type: none">• Climate Change	<ul style="list-style-type: none">• ESRS E1

Questionnaire sector	Environmental Issue	Framework Alignment
<ul style="list-style-type: none"> • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 		

(7.17.3) Break down your total gross global Scope 1 emissions by business activity.

	Activity	Scope 1 emissions (metric tons CO2e)
Row 1	<i>Rich text input [must be under 500 characters]</i>	<i>Numeric input</i>

[Add row]

Questionnaire sector	Environmental Issue	Framework Alignment
<ul style="list-style-type: none"> • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel 	<ul style="list-style-type: none"> • Climate Change 	<ul style="list-style-type: none"> • ESRS E1

Questionnaire sector	Environmental Issue	Framework Alignment
<ul style="list-style-type: none"> • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 		

(7.20) Indicate which gross global Scope 2 emissions breakdowns you are able to provide.

Select all that apply

By business division

By facility

By activity

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Transport OEMS 	<ul style="list-style-type: none"> • Climate Change

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	

(7.20.1) Break down your total gross global Scope 2 emissions by business division.

	Business division	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
Row 1	<i>CPALL</i>	<i>983236.26</i>	<i>951720.31</i>
Row 4	<i>Lotus</i>	<i>374847.49</i>	<i>325117.39</i>
Row 3	<i>Makro</i>	<i>199543.94</i>	<i>177459.93</i>
Row 2	<i>CPRAM</i>	<i>69730.15</i>	<i>68030.77</i>

[Add row]

Questionnaire sector	Environmental Issue	Framework Alignment
<ul style="list-style-type: none"> • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining 	<ul style="list-style-type: none"> • Climate Change 	<ul style="list-style-type: none"> • ESRS E1

Questionnaire sector	Environmental Issue	Framework Alignment
<ul style="list-style-type: none"> • Transport services • Steel • Agricultural commodities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 		

(7.20.2) Break down your total gross global Scope 2 emissions by business facility.

	Facility	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
Row 1	<i>Rich text input [must be under 500 characters]</i>	<i>Numeric input</i>	<i>Numeric input</i>

[Add row]

Questionnaire sector	Environmental Issue	Framework Alignment
<ul style="list-style-type: none"> • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals 	<ul style="list-style-type: none"> • Climate Change 	<ul style="list-style-type: none"> • ESRS E1

Questionnaire sector	Environmental Issue	Framework Alignment
<ul style="list-style-type: none"> • Metals & mining • Transport services • Steel • Agricultural commodities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 		

(7.20.3) Break down your total gross global Scope 2 emissions by business activity.

	Activity	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
Row 1	<i>Rich text input [must be under 500 characters]</i>	<i>Numeric input</i>	<i>Numeric input</i>

[Add row]

Questionnaire sector	Environmental Issue	Framework Alignment
<ul style="list-style-type: none"> • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM 	<ul style="list-style-type: none"> • Climate Change 	<ul style="list-style-type: none"> • ESRS E1

Questionnaire sector	Environmental Issue	Framework Alignment
<ul style="list-style-type: none"> • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 		

(7.22) Break down your gross Scope 1 and Scope 2 emissions between your consolidated accounting group and other entities included in your response.

Consolidated accounting group

(7.22.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.22.2) Scope 2, location-based emissions (metric tons CO2e)

Numeric input

(7.22.3) Scope 2, market-based emissions (metric tons CO2e)

Numeric input

(7.22.4) Please explain

Rich text input [must be under 2500 characters]

All other entities

(7.22.1) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.22.2) Scope 2, location-based emissions (metric tons CO2e)

Numeric input

(7.22.3) Scope 2, market-based emissions (metric tons CO2e)

Numeric input

(7.22.4) Please explain

Rich text input [must be under 2500 characters]

[Fixed row]

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none">• Oil & Gas• Coal• General• Capital goods• Transport OEMS - EPM• Chemicals• Metals & mining• Transport services• Steel• Agricultural commodities	<ul style="list-style-type: none">• IFRS S2 29	<ul style="list-style-type: none">• Climate Change

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none"> • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 		

(7.23) Is your organization able to break down your emissions data for any of the subsidiaries included in your CDP response?

Select from:

Yes

No

Not relevant as we do not have any subsidiaries

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities 	<ul style="list-style-type: none"> • Climate Change

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	

(7.23.1) Break down your gross Scope 1 and Scope 2 emissions by subsidiary.

Row 1

(7.23.1.1) Subsidiary name

Rich text input [must be under 200 characters]

(7.23.1.2) Primary activity

Select from:

- | | |
|------------------------------------|------------------------------------|
| <input type="checkbox"/> Tea | <input type="checkbox"/> Tires |
| <input type="checkbox"/> Banks | <input type="checkbox"/> Cement |
| <input type="checkbox"/> Media | <input type="checkbox"/> Coffee |
| <input type="checkbox"/> REIT | <input type="checkbox"/> Copper |
| <input type="checkbox"/> Sugar | <input type="checkbox"/> Fishing |
| <input type="checkbox"/> Logging | <input type="checkbox"/> Homeware |
| <input type="checkbox"/> Aluminum | <input type="checkbox"/> Software |
| <input type="checkbox"/> Biofuels | <input type="checkbox"/> Textiles |
| <input type="checkbox"/> Ceramics | <input type="checkbox"/> Aerospace |
| <input type="checkbox"/> Gambling | <input type="checkbox"/> Batteries |
| <input type="checkbox"/> Fast food | <input type="checkbox"/> Recycling |

- Furniture
- Insurance
- Marketing
- Munitions
- Automobiles
- IT services
- Iron & steel
- Rail freight
- Rice farming
- Gas utilities
- Agencies local
- Apparel stores
- Asset managers
- Basic plastics
- Luggage & bags
- Marine freight
- Paper products
- Passenger rail
- Rubber farming
- Glass products
- Iron ore mining
- Other financial
- Paper packaging
- Pharmaceuticals
- Government banks
- Government local
- Hotels & lodging
- Hydro generation
- Metal processing
- Waste management

- Bus & taxi
- Accessories
- Air freight
- Aquaculture
- Road freight
- Shipbuilding
- Toys & games
- Biotechnology
- Fruit farming
- Bauxite mining
- Biofuel supply
- Cattle farming
- Cotton farming
- Heavy vehicles
- Semiconductors
- Sporting goods
- Supranationals
- CCGT generation
- Coal generation
- Precious metals
- Rubber products
- Soybean farming
- Travel services
- Wind Generation
- Palm oil farming
- Plastic products
- Print publishing
- Solar generation
- Waste generation
- Concrete products

- Agencies national
- Agencies regional
- Animal processing
- Computer hardware
- Printing services
- Specialist retail
- Sugarcane farming
- Tobacco products
- Vegetable farming
- Oilseed processing
- Other crop farming
- Passenger airlines
- Pulp & paper mills
- Seafood processing
- Government national
- Government regional
- Industrial services
- Non-CCGT generation
- Palm oil processing
- Electronic equipment
- Engineering services
- Grain & corn farming
- Grain & corn milling
- Health care services
- Oil & gas extraction
- Other base chemicals
- Real estate services
- Specialty chemicals
- Baked goods & cereals
- Poultry & hog farming

- Consumer services
- Department stores
- Engines & motors
- Medical equipment
- Biomass generation
- Cocoa bean farming
- Education services
- Nuclear generation
- Oil & gas refining
- Soybean processing
- Web-based services
- Alcoholic beverages
- Automotive interior
- Commercial services
- Alternative vehicles
- Chocolate confection
- Dairy & egg products
- Electrical equipment
- Electricity networks
- Health care supplies
- Household appliances
- Industrial machinery
- Intermodal transport
- Land sales & leasing
- Electronic components
- Geothermal generation
- Logistics - transport
- Other food processing
- Other oilseed farming
- Health care facilities

- Recreational vehicles
- Water supply networks
- Agricultural chemicals
- Cruise lines & ferries
- Solar energy equipment
- Waste water management
- Finished wood products
- Home & office wholesale
- Nitrogenous fertilizers
- Other non-ferrous metals
- Animal products wholesale
- Food & beverage amenities
- Food & beverage wholesale
- Sawmills & wood materials
- Non-nitrogenous fertilizers
- Other non-metallic minerals
- Other professional services
- Pollution control equipment
- Telecommunications services
- Discretionary delivery retail
- Oil & gas pipelines & storage
- Renewable energy construction
- Apparel design & manufacturing
- Agricultural products wholesale
- Mining & metals support services
- Other renewable energy equipment
- Consumer goods wholesale & rental
- Fruit, nut & vegetable processing
- Industrial machinery distribution
- Chemicals wholesale & distribution

- Logistics - 3rd party
- Natural gas extraction
- Railroad rolling stock
- Servers & data centers
- Non-alcoholic beverages
- Other building products
- Communications equipment
- Inorganic base chemicals
- Non-chocolate confection
- Utility line construction
- Hypermarkets & superstores
- Other renewable generation
- Energy services & equipment
- Fabricated metal components
- Textile & apparel wholesale
- Coal extraction & processing
- Metal containers & packaging
- Other containers & packaging
- Other non-ferrous ore mining
- Oil & gas marketing & retailing
- Real estate owners & developers
- Supermarkets, food & drugstores
- Transportation support services
- Wood & paper products wholesale
- Other animal farming & processing
- Other non-wood building materials
- Other vehicle equipment & systems
- Precious metals & minerals mining
- Residential building construction
- Non-residential building construction

- Energy infrastructure construction
- Infrastructure upkeep & management
- Metals supply, wholesale & trading
- Personal care & household products
- Transportation equipment wholesale & dealing
- Transportation infrastructure & other construction
- Pharma & health care supplies wholesale & distribution
- Construction & building materials dealing & distribution

- Recreation & entertainment facilities
- Vehicles & machinery rental & leasing
- Agriculture, construction & mining machinery
- Technology hardware wholesale & distribution

(7.23.1.3) Select the unique identifier you are able to provide for this subsidiary

Select all that apply

- SEDOL code
- LEI number
- CUSIP number
- Ticker symbol
- D-U-N-S number
- ISIN code – bond
- ISIN code - equity
- No unique identifier
- Other unique identifier, please specify

(7.23.1.4) ISIN code – bond

Rich text input [must be under 12 characters]

(7.23.1.5) ISIN code – equity

Rich text input [must be under 12 characters]

(7.23.1.6) CUSIP number

Rich text input [must be under 9 characters]

(7.23.1.7) Ticker symbol

Rich text input [must be under 5 characters]

(7.23.1.8) SEDOL code

Rich text input [must be under 7 characters]

(7.23.1.9) LEI number

Rich text input [must be under 20 characters]

(7.23.1.10) D-U-N-S number

Rich text input [must be under 9 characters]

(7.23.1.11) Other unique identifier

Rich text input [must be under 50 characters]

(7.23.1.12) Scope 1 emissions (metric tons CO2e)

Numeric input

(7.23.1.13) Scope 2, location-based emissions (metric tons CO2e)

Numeric input

(7.23.1.14) Scope 2, market-based emissions (metric tons CO2e)

Numeric input

(7.23.1.15) Comment

Rich text input [must be under 2500 characters]

[Add row]

Questionnaire sector	Environmental Issue	Framework Alignment
• Financial services	• Climate Change	• ESRS E1

Questionnaire sector	Environmental Issue	Framework Alignment
<ul style="list-style-type: none"> • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 		

(7.29) What percentage of your total operational spend in the reporting year was on energy?

Select from:

- 0%
- Don't know
- More than 5% but less than or equal to 10%
- More than 10% but less than or equal to 15%
- More than 15% but less than or equal to 20%
- More than 45% but less than or equal to 50%
- More than 50% but less than or equal to 55%
- More than 20% but less than or equal to 25%
- More than 25% but less than or equal to 30%
- More than 30% but less than or equal to 35%
- More than 35% but less than or equal to 40%
- More than 40% but less than or equal to 45%
- More than 70% but less than or equal to 75%
- More than 75% but less than or equal to 80%

- More than 55% but less than or equal to 60%
- More than 60% but less than or equal to 65%
- More than 65% but less than or equal to 70%
- More than 95% but less than or equal to 100%
- More than 0% but less than or equal to 5%

- More than 80% but less than or equal to 85%
- More than 85% but less than or equal to 90%
- More than 90% but less than or equal to 95%

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • Climate Change

(7.30) Select which energy-related activities your organization has undertaken.

	Indicate whether your organization undertook this energy-related activity in the reporting year
Consumption of fuel (excluding feedstocks)	<i>Select from:</i> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Consumption of purchased or acquired electricity	<i>Select from:</i> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Consumption of purchased or acquired heat	<i>Select from:</i> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Consumption of purchased or acquired steam	<i>Select from:</i> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Consumption of purchased or acquired cooling	<i>Select from:</i> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Generation of electricity, heat, steam, or cooling	<i>Select from:</i> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

[Fixed row]

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal 	<ul style="list-style-type: none"> • Climate Change

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	

(7.30.1) Report your organization's energy consumption totals (excluding feedstocks) in MWh.

Consumption of fuel (excluding feedstock)

(7.30.1.1) Heating value

Select from:

- LHV (lower heating value)
- HHV (higher heating value)
- Unable to confirm heating value

(7.30.1.2) MWh from renewable sources

Numeric input

(7.30.1.3) MWh from non-renewable sources

Numeric input

(7.30.1.4) Total (renewable and non-renewable) MWh

Numeric input

Consumption of purchased or acquired electricity

(7.30.1.1) Heating value

Select from:

- LHV (lower heating value)
- HHV (higher heating value)
- Unable to confirm heating value

(7.30.1.2) MWh from renewable sources

Numeric input

(7.30.1.3) MWh from non-renewable sources

Numeric input

(7.30.1.4) Total (renewable and non-renewable) MWh

Numeric input

Consumption of purchased or acquired heat

(7.30.1.1) Heating value

Select from:

- LHV (lower heating value)
- HHV (higher heating value)
- Unable to confirm heating value

(7.30.1.2) MWh from renewable sources

Numeric input

(7.30.1.3) MWh from non-renewable sources

Numeric input

(7.30.1.4) Total (renewable and non-renewable) MWh

Numeric input

Consumption of purchased or acquired steam

(7.30.1.1) Heating value

Select from:

- LHV (lower heating value)
- HHV (higher heating value)
- Unable to confirm heating value

(7.30.1.2) MWh from renewable sources

Numeric input

(7.30.1.3) MWh from non-renewable sources

Numeric input

(7.30.1.4) Total (renewable and non-renewable) MWh

Numeric input

Consumption of purchased or acquired cooling

(7.30.1.1) Heating value

Select from:

- LHV (lower heating value)
- HHV (higher heating value)
- Unable to confirm heating value

(7.30.1.2) MWh from renewable sources

Numeric input

(7.30.1.3) MWh from non-renewable sources

Numeric input

(7.30.1.4) Total (renewable and non-renewable) MWh

Numeric input

Consumption of self-generated non-fuel renewable energy

(7.30.1.1) Heating value

Select from:

- LHV (lower heating value)
- HHV (higher heating value)
- Unable to confirm heating value

(7.30.1.2) MWh from renewable sources

Numeric input

(7.30.1.3) MWh from non-renewable sources

Numeric input

(7.30.1.4) Total (renewable and non-renewable) MWh

Numeric input

Total energy consumption

(7.30.1.1) Heating value

Select from:

- LHV (lower heating value)
- HHV (higher heating value)
- Unable to confirm heating value

(7.30.1.2) MWh from renewable sources

Numeric input

(7.30.1.3) MWh from non-renewable sources

Numeric input

(7.30.1.4) Total (renewable and non-renewable) MWh

Numeric input

[Fixed row]

Questionnaire sector	Environmental Issue	Framework Alignment
<ul style="list-style-type: none">• Financial services• Oil & Gas• Coal	<ul style="list-style-type: none">• Climate Change	<ul style="list-style-type: none">• ESRS E1• RE100_Framework_Alignment

Questionnaire sector	Environmental Issue	Framework Alignment
<ul style="list-style-type: none"> • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 		

(7.30.6) Select the applications of your organization’s consumption of fuel.

	Indicate whether your organization undertakes this fuel application
Consumption of fuel for the generation of electricity	<i>Select from:</i> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Consumption of fuel for the generation of heat	<i>Select from:</i>

	Indicate whether your organization undertakes this fuel application
	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Consumption of fuel for the generation of steam	<i>Select from:</i> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Consumption of fuel for the generation of cooling	<i>Select from:</i> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Consumption of fuel for co-generation or tri-generation	<i>Select from:</i> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

[Fixed row]

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities 	<ul style="list-style-type: none"> • Climate Change

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	

(7.30.7) State how much fuel in MWh your organization has consumed (excluding feedstocks) by fuel type.

Sustainable biomass

(7.30.7.1) Heating value

Select from:

- LHV
- HHV
- Unable to confirm heating value

(7.30.7.2) Total fuel MWh consumed by the organization

Numeric input

(7.30.7.3) MWh fuel consumed for self-generation of electricity

Numeric input

(7.30.7.4) MWh fuel consumed for self-generation of heat

Numeric input

(7.30.7.5) MWh fuel consumed for self-generation of steam

Numeric input

(7.30.7.6) MWh fuel consumed for self-generation of cooling

Numeric input

(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration

Numeric input

(7.30.7.8) Comment

Rich text input [must be under 2400 characters]

Other biomass

(7.30.7.1) Heating value

Select from:

- LHV
- HHV
- Unable to confirm heating value

(7.30.7.2) Total fuel MWh consumed by the organization

Numeric input

(7.30.7.3) MWh fuel consumed for self-generation of electricity

Numeric input

(7.30.7.4) MWh fuel consumed for self-generation of heat

Numeric input

(7.30.7.5) MWh fuel consumed for self-generation of steam

Numeric input

(7.30.7.6) MWh fuel consumed for self-generation of cooling

Numeric input

(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration

Numeric input

(7.30.7.8) Comment

Rich text input [must be under 2400 characters]

Other renewable fuels (e.g. renewable hydrogen)

(7.30.7.1) Heating value

Select from:

- LHV
- HHV
- Unable to confirm heating value

(7.30.7.2) Total fuel MWh consumed by the organization

Numeric input

(7.30.7.3) MWh fuel consumed for self-generation of electricity

Numeric input

(7.30.7.4) MWh fuel consumed for self-generation of heat

Numeric input

(7.30.7.5) MWh fuel consumed for self-generation of steam

Numeric input

(7.30.7.6) MWh fuel consumed for self-generation of cooling

Numeric input

(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration

Numeric input

(7.30.7.8) Comment

Rich text input [must be under 2400 characters]

Coal

(7.30.7.1) Heating value

Select from:

- LHV
- HHV
- Unable to confirm heating value

(7.30.7.2) Total fuel MWh consumed by the organization

Numeric input

(7.30.7.3) MWh fuel consumed for self-generation of electricity

Numeric input

(7.30.7.4) MWh fuel consumed for self-generation of heat

Numeric input

(7.30.7.5) MWh fuel consumed for self-generation of steam

Numeric input

(7.30.7.6) MWh fuel consumed for self-generation of cooling

Numeric input

(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration

Numeric input

(7.30.7.8) Comment

Rich text input [must be under 2400 characters]

Oil

(7.30.7.1) Heating value

Select from:

- LHV
- HHV
- Unable to confirm heating value

(7.30.7.2) Total fuel MWh consumed by the organization

Numeric input

(7.30.7.3) MWh fuel consumed for self-generation of electricity

Numeric input

(7.30.7.4) MWh fuel consumed for self-generation of heat

Numeric input

(7.30.7.5) MWh fuel consumed for self-generation of steam

Numeric input

(7.30.7.6) MWh fuel consumed for self-generation of cooling

Numeric input

(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration

Numeric input

(7.30.7.8) Comment

Consumption of gasoline and diesel fuel used in mobile combustion

Gas

(7.30.7.1) Heating value

Select from:

- LHV
- HHV
- Unable to confirm heating value

(7.30.7.2) Total fuel MWh consumed by the organization

Numeric input

(7.30.7.3) MWh fuel consumed for self-generation of electricity

Numeric input

(7.30.7.4) MWh fuel consumed for self-generation of heat

Numeric input

(7.30.7.5) MWh fuel consumed for self-generation of steam

Numeric input

(7.30.7.6) MWh fuel consumed for self-generation of cooling

Numeric input

(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration

Numeric input

(7.30.7.8) Comment

Rich text input [must be under 2400 characters]

Other non-renewable fuels (e.g. non-renewable hydrogen)

(7.30.7.1) Heating value

Select from:

- LHV
- HHV
- Unable to confirm heating value

(7.30.7.2) Total fuel MWh consumed by the organization

Numeric input

(7.30.7.3) MWh fuel consumed for self-generation of electricity

Numeric input

(7.30.7.4) MWh fuel consumed for self-generation of heat

Numeric input

(7.30.7.5) MWh fuel consumed for self-generation of steam

Numeric input

(7.30.7.6) MWh fuel consumed for self-generation of cooling

Numeric input

(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration

Numeric input

(7.30.7.8) Comment

Rich text input [must be under 2400 characters]

Total fuel

(7.30.7.1) Heating value

Select from:

LHV

HHV

Unable to confirm heating value

(7.30.7.2) Total fuel MWh consumed by the organization

Numeric input

(7.30.7.3) MWh fuel consumed for self-generation of electricity

Numeric input

(7.30.7.4) MWh fuel consumed for self-generation of heat

Numeric input

(7.30.7.5) MWh fuel consumed for self-generation of steam

Numeric input

(7.30.7.6) MWh fuel consumed for self-generation of cooling

Numeric input

(7.30.7.7) MWh fuel consumed for self- cogeneration or self-trigeneration

Numeric input

(7.30.7.8) Comment

Rich text input [must be under 2400 characters]

[Fixed row]

Questionnaire sector	Environmental Issue	Framework Alignment
<ul style="list-style-type: none">• Oil & Gas• Coal	<ul style="list-style-type: none">• Climate Change	<ul style="list-style-type: none">• ESRS E1

Questionnaire sector	Environmental Issue	Framework Alignment
<ul style="list-style-type: none"> • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 		

(7.30.9) Provide details on the electricity, heat, steam, and cooling your organization has generated and consumed in the reporting year.

Electricity

(7.30.9.1) Total Gross generation (MWh)

Numeric input

(7.30.9.2) Generation that is consumed by the organization (MWh)

Numeric input

(7.30.9.3) Gross generation from renewable sources (MWh)

Numeric input

(7.30.9.4) Generation from renewable sources that is consumed by the organization (MWh)

Numeric input

Heat

(7.30.9.1) Total Gross generation (MWh)

Numeric input

(7.30.9.2) Generation that is consumed by the organization (MWh)

Numeric input

(7.30.9.3) Gross generation from renewable sources (MWh)

Numeric input

(7.30.9.4) Generation from renewable sources that is consumed by the organization (MWh)

Numeric input

Steam

(7.30.9.1) Total Gross generation (MWh)

Numeric input

(7.30.9.2) Generation that is consumed by the organization (MWh)

Numeric input

(7.30.9.3) Gross generation from renewable sources (MWh)

Numeric input

(7.30.9.4) Generation from renewable sources that is consumed by the organization (MWh)

Numeric input

Cooling

(7.30.9.1) Total Gross generation (MWh)

Numeric input

(7.30.9.2) Generation that is consumed by the organization (MWh)

Numeric input

(7.30.9.3) Gross generation from renewable sources (MWh)

Numeric input

(7.30.9.4) Generation from renewable sources that is consumed by the organization (MWh)

Numeric input

[Fixed row]

Questionnaire sector	Environmental Issue	Framework Alignment
<ul style="list-style-type: none">• Oil & Gas• Coal• General• Capital goods• Transport OEMS - EPM	<ul style="list-style-type: none">• Climate Change	<ul style="list-style-type: none">• ESRS E1• RE100_Framework_Alignment

Questionnaire sector	Environmental Issue	Framework Alignment
<ul style="list-style-type: none"> • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 		

(7.30.14) Provide details on the electricity, heat, steam, and/or cooling amounts that were accounted for at a zero or near-zero emission factor in the market-based Scope 2 figure reported in 7.7.

Row 1

(7.30.14.1) Country/area

Select from:

- | | |
|---|---|
| <input type="checkbox"/> Chad
<input type="checkbox"/> Cuba
<input type="checkbox"/> Fiji
<input type="checkbox"/> Guam
<input type="checkbox"/> Iraq
<input type="checkbox"/> Aruba
<input type="checkbox"/> Benin
<input type="checkbox"/> Chile
<input type="checkbox"/> China | <input type="checkbox"/> Mali
<input type="checkbox"/> Niue
<input type="checkbox"/> Oman
<input type="checkbox"/> Peru
<input type="checkbox"/> Togo
<input type="checkbox"/> Egypt
<input type="checkbox"/> Gabon
<input type="checkbox"/> Ghana
<input type="checkbox"/> Haiti |
|---|---|

- Congo
- Italy
- Japan
- Kenya
- Libya
- Malta
- Samoa
- Spain
- Sudan
- Tonga
- Yemen
- Cyprus
- France
- Gambia
- Greece
- Guinea
- Latvia
- Malawi
- Mexico
- Monaco
- Norway
- Turkey
- Tuvalu
- Uganda
- Zambia
- Albania
- Bahrain
- Belarus
- Belgium
- Bermuda

- India
- Nauru
- Nepal
- Niger
- Palau
- Qatar
- Angola
- Belize
- Bhutan
- Brazil
- Canada
- Guyana
- Israel
- Jersey
- Jordan
- Kuwait
- Panama
- Poland
- Rwanda
- Serbia
- Sweden
- Algeria
- Andorra
- Armenia
- Austria
- Bahamas
- Comoros
- Croatia
- Curaçao
- Czechia

- Burundi
- Ecuador
- Eritrea
- Estonia
- Finland
- Georgia
- Jamaica
- Lebanon
- Lesotho
- Liberia
- Mayotte
- Romania
- Senegal
- Somalia
- Tokelau
- Tunisia
- Botswana
- Bulgaria
- Cambodia
- Cameroon
- Colombia
- Holy See
- Honduras
- Kiribati
- Malaysia
- Maldives
- Slovakia
- Slovenia
- Suriname
- Viet Nam

- Denmark
- Germany
- Grenada
- Hungary
- Iceland
- Ireland
- Morocco
- Myanmar
- Namibia
- Nigeria
- Réunion
- Ukraine
- Uruguay
- Vanuatu
- Anguilla
- Barbados
- Djibouti
- Dominica
- Eswatini
- Ethiopia
- Guernsey
- Mongolia
- Pakistan
- Paraguay
- Pitcairn
- Portugal
- Argentina
- Australia
- Gibraltar
- Greenland

- Zimbabwe
- Indonesia
- Lithuania
- Mauritius
- Nicaragua
- Singapore
- Costa Rica
- Guadeloupe
- Kazakhstan
- Kyrgyzstan
- Luxembourg
- Mozambique
- San Marino
- Seychelles
- Tajikistan
- Uzbekistan
- Philippines
- Puerto Rico
- Saint Lucia
- South Sudan
- Switzerland
- Sierra Leone
- South Africa
- Turkmenistan
- Åland Islands
- Bouvet Island
- New Caledonia
- Taiwan, China
- American Samoa
- Cayman Islands

- Guatemala
- Sri Lanka
- Antarctica
- Azerbaijan
- Bangladesh
- Cabo Verde
- Madagascar
- Martinique
- Mauritania
- Montenegro
- Montserrat
- Afghanistan
- El Salvador
- Isle of Man
- Netherlands
- New Zealand
- Timor-Leste
- Burkina Faso
- Cook Islands
- Saint Helena
- Saudi Arabia
- Côte d'Ivoire
- Faroe Islands
- French Guiana
- Guinea-Bissau
- Liechtenstein
- Western Sahara
- North Macedonia
- Solomon Islands
- Christmas Island

- Norfolk Island
- Marshall Islands
- Papua New Guinea
- Saint Barthélemy
- Brunei Darussalam
- Equatorial Guinea
- Republic of Moldova
- Trinidad and Tobago
- Bosnia & Herzegovina
- Hong Kong SAR, China
- Syrian Arab Republic
- Central African Republic
- Northern Mariana Islands
- Turks and Caicos Islands
- United States of America
- Saint Pierre and Miquelon
- French Southern Territories
- United Republic of Tanzania
- United States Virgin Islands
- British Indian Ocean Territory
- Svalbard and Jan Mayen Islands
- Saint Vincent and the Grenadines
- Heard Island and McDonald Islands
- Venezuela (Bolivarian Republic of)
- United States Minor Outlying Islands
- Democratic People's Republic of Korea
- French Polynesia
- Republic of Korea
- Dominican Republic
- Russian Federation
- State of Palestine
- Antigua and Barbuda
- United Arab Emirates
- Saint Kitts and Nevis
- Sao Tome and Principe
- British Virgin Islands
- Cocos (Keeling) Islands
- Sint Maarten (Dutch part)
- Wallis and Futuna Islands
- Iran (Islamic Republic of)
- Saint Martin (French part)
- Falkland Islands (Malvinas)
- Bolivia (Plurinational State of)
- Bonaire, Sint Eustatius and Saba
- Democratic Republic of the Congo
- Lao People's Democratic Republic
- Micronesia (Federated States of)
- China, Macao Special Administrative Region
- South Georgia and the South Sandwich Islands
- United Kingdom of Great Britain and Northern Ireland
- Thailand

(7.30.14.2) Sourcing method

Select from:

- Heat/steam/cooling supply agreement
- Financial (virtual) power purchase agreement (VPPA)
- Project-specific contract with an electricity supplier
- Unbundled procurement of energy attribute certificates (EACs)
- None (no active purchases of low-carbon electricity, heat, steam or cooling)
- Retail supply contract with an electricity supplier (retail green electricity)
- Physical power purchase agreement (physical PPA) with a grid-connected generator
- Direct line to an off-site generator owned by a third party with no grid transfers (direct line PPA)
- Default delivered electricity from the grid (e.g. standard product offering by an energy supplier), supported by energy attribute certificates
- Default delivered electricity from the grid (e.g. standard product offering by an energy supplier) from a grid that is 95% or more low-carbon and where there is no mechanism for specifically allocating low-carbon electricity
- Purchase from an on-site installation owned by a third party (on-site PPA)
- Other, please specify

(7.30.14.3) Energy carrier

Select from:

- Electricity
- Heat
- Steam
- Cooling
- Heat, steam and cooling combined

(7.30.14.4) Low-carbon technology type

Select from:

- | | |
|--|--|
| <input type="checkbox"/> Wind | <input type="checkbox"/> Sustainable biomass |
| <input type="checkbox"/> Marine | <input type="checkbox"/> Large hydropower (>25 MW) |
| <input type="checkbox"/> Nuclear | <input type="checkbox"/> Small hydropower (<25 MW) |
| <input type="checkbox"/> Geothermal | <input type="checkbox"/> Hydropower (capacity unknown) |
| <input type="checkbox"/> Other biomass | <input type="checkbox"/> Renewable hydrogen fuel cell |

- Fossil-fuel plants fitted with CCS
- Solar
- Low-carbon energy mix, please specify
- Renewable energy mix, please specify

(7.30.14.5) Low-carbon energy consumed via selected sourcing method in the reporting year (MWh)

237623.2

(7.30.14.6) Tracking instrument used

Select from:

- | | |
|---|--|
| <input type="checkbox"/> GO | <input type="checkbox"/> NZECS |
| <input type="checkbox"/> GEC | <input type="checkbox"/> T-REC |
| <input type="checkbox"/> REGO | <input type="checkbox"/> zaREC |
| <input type="checkbox"/> TIGR | <input type="checkbox"/> US-REC |
| <input type="checkbox"/> I-REC | <input type="checkbox"/> Indian REC |
| <input type="checkbox"/> Korean REC | <input checked="" type="checkbox"/> Contract |
| <input type="checkbox"/> Australian LGC | <input type="checkbox"/> Other, please specify |
| <input type="checkbox"/> NFC – Renewable | |
| <input type="checkbox"/> No instrument used | |
| <input type="checkbox"/> J-Credit (Renewable) | |

(7.30.14.7) Country/area of origin (generation) of the low-carbon energy or energy attribute

Select from:

- | | |
|--------------------------------|--------------------------------|
| <input type="checkbox"/> Chad | <input type="checkbox"/> Mali |
| <input type="checkbox"/> Cuba | <input type="checkbox"/> Niue |
| <input type="checkbox"/> Fiji | <input type="checkbox"/> Oman |
| <input type="checkbox"/> Guam | <input type="checkbox"/> Peru |
| <input type="checkbox"/> Iraq | <input type="checkbox"/> Togo |
| <input type="checkbox"/> Aruba | <input type="checkbox"/> Egypt |

- Benin
- Chile
- China
- Congo
- Italy
- Japan
- Kenya
- Libya
- Malta
- Samoa
- Spain
- Sudan
- Tonga
- Yemen
- Cyprus
- France
- Gambia
- Greece
- Guinea
- Latvia
- Malawi
- Mexico
- Monaco
- Norway
- Turkey
- Tuvalu
- Uganda
- Zambia
- Albania
- Bahrain

- Gabon
- Ghana
- Haiti
- India
- Nauru
- Nepal
- Niger
- Palau
- Qatar
- Angola
- Belize
- Bhutan
- Brazil
- Canada
- Guyana
- Israel
- Jersey
- Jordan
- Kuwait
- Panama
- Poland
- Rwanda
- Serbia
- Sweden
- Algeria
- Andorra
- Armenia
- Austria
- Bahamas
- Comoros

- Belarus
- Belgium
- Bermuda
- Burundi
- Ecuador
- Eritrea
- Estonia
- Finland
- Georgia
- Jamaica
- Lebanon
- Lesotho
- Liberia
- Mayotte
- Romania
- Senegal
- Somalia
- Tokelau
- Tunisia
- Botswana
- Bulgaria
- Cambodia
- Cameroon
- Colombia
- Holy See
- Honduras
- Kiribati
- Malaysia
- Maldives
- Slovakia

- Croatia
- Curaçao
- Czechia
- Denmark
- Germany
- Grenada
- Hungary
- Iceland
- Ireland
- Morocco
- Myanmar
- Namibia
- Nigeria
- Réunion
- Ukraine
- Uruguay
- Vanuatu
- Anguilla
- Barbados
- Djibouti
- Dominica
- Eswatini
- Ethiopia
- Guernsey
- Mongolia
- Pakistan
- Paraguay
- Pitcairn
- Portugal
- Argentina

- Slovenia
- Suriname
- Viet Nam
- Zimbabwe
- Indonesia
- Lithuania
- Mauritius
- Nicaragua
- Singapore
- Costa Rica
- Guadeloupe
- Kazakhstan
- Kyrgyzstan
- Luxembourg
- Mozambique
- San Marino
- Seychelles
- Tajikistan
- Uzbekistan
- Philippines
- Puerto Rico
- Saint Lucia
- South Sudan
- Switzerland
- Sierra Leone
- South Africa
- Turkmenistan
- Åland Islands
- Bouvet Island
- New Caledonia

- Australia
- Gibraltar
- Greenland
- Guatemala
- Sri Lanka
- Antarctica
- Azerbaijan
- Bangladesh
- Cabo Verde
- Madagascar
- Martinique
- Mauritania
- Montenegro
- Montserrat
- Afghanistan
- El Salvador
- Isle of Man
- Netherlands
- New Zealand
- Timor-Leste
- Burkina Faso
- Cook Islands
- Saint Helena
- Saudi Arabia
- Côte d'Ivoire
- Faroe Islands
- French Guiana
- Guinea-Bissau
- Liechtenstein
- Western Sahara

- Taiwan, China
- American Samoa
- Cayman Islands
- Norfolk Island
- Marshall Islands
- Papua New Guinea
- Saint Barthélemy
- Brunei Darussalam
- Equatorial Guinea
- Republic of Moldova
- Trinidad and Tobago
- Bosnia & Herzegovina
- Hong Kong SAR, China
- Syrian Arab Republic
- Central African Republic
- Northern Mariana Islands
- Turks and Caicos Islands
- United States of America
- Saint Pierre and Miquelon
- French Southern Territories
- United Republic of Tanzania
- United States Virgin Islands
- British Indian Ocean Territory
- Svalbard and Jan Mayen Islands
- Saint Vincent and the Grenadines
- Heard Island and McDonald Islands
- Venezuela (Bolivarian Republic of)
- United States Minor Outlying Islands
- Democratic People's Republic of Korea
- North Macedonia
- Solomon Islands
- Christmas Island
- French Polynesia
- Republic of Korea
- Dominican Republic
- Russian Federation
- State of Palestine
- Antigua and Barbuda
- United Arab Emirates
- Saint Kitts and Nevis
- Sao Tome and Principe
- British Virgin Islands
- Cocos (Keeling) Islands
- Sint Maarten (Dutch part)
- Wallis and Futuna Islands
- Iran (Islamic Republic of)
- Saint Martin (French part)
- Falkland Islands (Malvinas)
- Bolivia (Plurinational State of)
- Bonaire, Sint Eustatius and Saba
- Democratic Republic of the Congo
- Lao People's Democratic Republic
- Micronesia (Federated States of)
- China, Macao Special Administrative Region
- South Georgia and the South Sandwich Islands
- United Kingdom of Great Britain and Northern Ireland
- Thailand

(7.30.14.8) Are you able to report the commissioning or re-powering year of the energy generation facility?

Select from:

Yes

No

(7.30.14.9) Commissioning year of the energy generation facility (e.g. date of first commercial operation or repowering)

2018

(7.30.14.10) Comment

[Add row]

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none">• Oil & Gas• Coal• General• Capital goods• Transport OEMS - EPM• Chemicals• Metals & mining• Transport services• Steel• Agricultural commodities• Transport OEMS• Cement• Food, beverage & tobacco• Paper & forestry• Real estate	<ul style="list-style-type: none">• Climate Change

Questionnaire sector	Environmental Issue
• Construction	

(7.30.16) Provide a breakdown by country/area of your electricity/heat/steam/cooling consumption in the reporting year.

Afghanistan

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Åland Islands

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Albania

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Algeria

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

American Samoa

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Andorra

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Angola

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Anguilla

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Antarctica

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Antigua and Barbuda

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Argentina

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Armenia

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Aruba

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Australia

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Austria

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Azerbaijan

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Bahamas

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Bahrain

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Bangladesh

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Barbados

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Belarus

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Belgium

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Belize

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Benin

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Bermuda

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Bhutan

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Bolivia (Plurinational State of)

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Bonaire, Sint Eustatius and Saba

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Bosnia & Herzegovina

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Botswana

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Bouvet Island

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Brazil

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

British Indian Ocean Territory

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

British Virgin Islands

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Brunei Darussalam

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Bulgaria

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Burkina Faso

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Burundi

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Cabo Verde

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Cambodia

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Cameroon

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Canada

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Cayman Islands

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Central African Republic

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Chad

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Chile

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

China

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

China, Macao Special Administrative Region

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Christmas Island

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Cocos (Keeling) Islands

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Colombia

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Comoros

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Congo

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Cook Islands

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Costa Rica

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Côte d'Ivoire

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Croatia

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Cuba

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Curaçao

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Cyprus

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Czechia

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Democratic People's Republic of Korea

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Democratic Republic of the Congo

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Denmark

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Djibouti

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Dominica

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Dominican Republic

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Ecuador

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Egypt

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

El Salvador

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Equatorial Guinea

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Eritrea

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Estonia

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Eswatini

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Ethiopia

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Falkland Islands (Malvinas)

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Faroe Islands

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Fiji

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Finland

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

France

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

French Guiana

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

French Polynesia

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

French Southern Territories

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Gabon

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Gambia

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Georgia

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Ghana

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Germany

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Gibraltar

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Greece

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Greenland

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Grenada

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Guadeloupe

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Guam

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Guatemala

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Guernsey

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Guinea

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Guinea-Bissau

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Guyana

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Haiti

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Heard Island and McDonald Islands

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Holy See

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Honduras

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Hong Kong SAR, China

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Hungary

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Iceland

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

India

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Indonesia

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Iran (Islamic Republic of)

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Iraq

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Ireland

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Isle of Man

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Israel

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Italy

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Jamaica

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Japan

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Jersey

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Jordan

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Kazakhstan

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Kenya

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Kiribati

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Kuwait

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Kyrgyzstan

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Lao People's Democratic Republic

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Latvia

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Lebanon

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Lesotho

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Liberia

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Libya

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Liechtenstein

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Lithuania

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Luxembourg

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Madagascar

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Malawi

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Malaysia

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Maldives

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Mali

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Malta

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Marshall Islands

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Martinique

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Mauritania

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Mauritius

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Mayotte

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Mexico

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Micronesia (Federated States of)

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Monaco

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Mongolia

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Montenegro

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Montserrat

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Morocco

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Mozambique

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Myanmar

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Namibia

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Nauru

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Nepal

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Netherlands

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

New Caledonia

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

New Zealand

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Nicaragua

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Niger

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Nigeria

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Niue

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Norfolk Island

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

North Macedonia

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Norway

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Northern Mariana Islands

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Oman

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Pakistan

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Palau

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Panama

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Papua New Guinea

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Paraguay

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Peru

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Philippines

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Pitcairn

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Poland

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Portugal

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Qatar

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Puerto Rico

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Republic of Korea

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Republic of Moldova

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Réunion

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Romania

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Russian Federation

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Rwanda

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Saint Barthélemy

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Saint Helena

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Saint Kitts and Nevis

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Saint Lucia

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Saint Martin (French part)

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Saint Pierre and Miquelon

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Saint Vincent and the Grenadines

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Samoa

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

San Marino

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Sao Tome and Principe

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Saudi Arabi

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Senegal

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Serbia

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Seychelles

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Singapore

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Sierra Leone

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Sint Maarten (Dutch part)

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Slovakia

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Slovenia

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Solomon Islands

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Somalia

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

South Africa

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

South Georgia and the South Sandwich Islands

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

South Sudan

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Spain

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Sri Lanka

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

State of Palestine

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Sudan

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Suriname

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Svalbard and Jan Mayen Islands

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Sweden

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Switzerland

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Syrian Arabic Republic

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Taiwan, China

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Tajikistan

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Thailand

(7.30.16.1) Consumption of purchased electricity (MWh)

3681805.06

(7.30.16.2) Consumption of self-generated electricity (MWh)

0

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

0

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

4251.94

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

3686057.00

Timor-Leste

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Togo

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Tokelau

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Tonga

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Trinidad and Tobago

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Tunisia

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Turkmenistan

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Turkey

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Turks and Caicos Islands

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Tuvalu

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Uganda

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Ukraine

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

United Arab Emirates

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

United Kingdom of Great Britain and Northern Ireland

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

United States Minor Outlying Islands

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

United Republic of Tanzania

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

United States of America

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

United States Virgin Islands

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Uruguay

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Uzbekistan

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Vanuatu

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Venezuela (Bolivarian Republic of)

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Viet Nam

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Wallis and Futuna Islands

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Western Sahara

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Yemen

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Zambia

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

Zimbabwe

(7.30.16.1) Consumption of purchased electricity (MWh)

Numeric input

(7.30.16.2) Consumption of self-generated electricity (MWh)

Numeric input

(7.30.16.4) Consumption of purchased heat, steam, and cooling (MWh)

Numeric input

(7.30.16.5) Consumption of self-generated heat, steam, and cooling (MWh)

Numeric input

(7.30.16.6) Total electricity/heat/steam/cooling energy consumption (MWh)

Auto calculated

[Fixed row]

Questionnaire sector	Environmental Issue	Framework Alignment
<ul style="list-style-type: none">• Financial services• Oil & Gas• Coal• General• Capital goods• Transport OEMS - EPM• Chemicals• Metals & mining• Transport services• Steel• Agricultural commodities• Electric utilities• Transport OEMS• Cement• Food, beverage & tobacco• Paper & forestry• Real estate	<ul style="list-style-type: none">• Climate Change	<ul style="list-style-type: none">• ESRS E1• RE100_Framework_Alignment

Questionnaire sector	Environmental Issue	Framework Alignment
• Construction		

(7.45) Describe your gross global combined Scope 1 and 2 emissions for the reporting year in metric tons CO2e per unit currency total revenue and provide any additional intensity metrics that are appropriate to your business operations.

Row 1

(7.45.1) Intensity figure

Numeric input

(7.45.2) Metric numerator (Gross global combined Scope 1 and 2 emissions, metric tons CO2e)

Numeric input

(7.45.3) Metric denominator

Select from:

- | | |
|--|--|
| <input type="checkbox"/> kilometer | <input type="checkbox"/> unit hour worked |
| <input type="checkbox"/> square foot | <input type="checkbox"/> vehicle produced |
| <input type="checkbox"/> square meter | <input type="checkbox"/> ounce of platinum |
| <input type="checkbox"/> ounce of gold | <input type="checkbox"/> unit total revenue |
| <input type="checkbox"/> liter of product | <input type="checkbox"/> metric ton of coal |
| <input type="checkbox"/> unit of production | <input type="checkbox"/> metric ton of aluminum |
| <input type="checkbox"/> passenger kilometer | <input type="checkbox"/> metric ton of aggregate |
| <input type="checkbox"/> room night produced | <input type="checkbox"/> unit of service provided |
| <input type="checkbox"/> metric ton of steel | <input type="checkbox"/> metric ton of ore processed |
| <input type="checkbox"/> metric ton of product | <input type="checkbox"/> megawatt hour generated (MWh) |
| <input type="checkbox"/> barrel of oil equivalent (BOE) | |
| <input type="checkbox"/> megawatt hour transmitted (MWh) | |

- full time equivalent (FTE) employee
- billion (currency) funds under management
- Other, please specify

(7.45.4) Metric denominator: Unit total

Numeric input

(7.45.5) Scope 2 figure used

Select from:

- Location-based
- Market-based

(7.45.6) % change from previous year

Numeric input

(7.45.7) Direction of change

Select from:

- Increased
- Decreased
- No change

(7.45.8) Reasons for change

Select all that apply

- Mergers
- Divestment
- Acquisitions
- Unidentified
- Change in output
- Change in revenue
- Change in boundary
- Change in methodology
- Other emissions reduction activities
- Change in renewable energy consumption

- Change in physical operating conditions
- Other, please specify

(7.45.9) Please explain

*Rich text input [must be under 2400 characters]
[Add row]*

Questionnaire sector	Environmental Issue	Framework Alignment
<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • Climate Change 	<ul style="list-style-type: none"> • ESRS E1

(7.52) Provide any additional climate-related metrics relevant to your business.

Row 1

(7.52.1) Description

Select from:

- Waste
- Energy usage
- Land use
- Other, please specify

(7.52.2) Metric value

Numeric input

(7.52.3) Metric numerator

Rich text input [must be under 50 characters]

(7.52.4) Metric denominator (intensity metric only)

Rich text input [must be under 50 characters]

(7.52.5) % change from previous year

Numeric input

(7.52.6) Direction of change

Select from:

- Increased
- Decreased
- No change

(7.52.7) Please explain

Rich text input [must be under 2400 characters]

Row 3

(7.52.1) Description

Select from:

- Waste
- Energy usage
- Land use
- Other, please specify :Water withdrawal per unit of revenue

(7.52.2) Metric value

Numeric input

(7.52.3) Metric numerator

Water withdrawal Cubic meters

(7.52.4) Metric denominator (intensity metric only)

Total Revenue Million Baht

(7.52.5) % change from previous year

Numeric input

(7.52.6) Direction of change

Select from:

- Increased
- Decreased
- No change

(7.52.7) Please explain

Rich text input [must be under 2400 characters]

Row 2

(7.52.1) Description

Select from:

- Waste
- Energy usage
- Land use
- Other, please specify

(7.52.2) Metric value

Numeric input

(7.52.3) Metric numerator

Food loss and waste to land fill ton

(7.52.4) Metric denominator (intensity metric only)

(7.52.5) % change from previous year

Numeric input

(7.52.6) Direction of change

Select from:

- Increased
- Decreased

No change

(7.52.7) Please explain

Rich text input [must be under 2400 characters]

[Add row]

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none">• Financial services• Oil & Gas• Coal• General• Capital goods• Transport OEMS - EPM• Chemicals• Metals & mining• Transport services• Steel• Agricultural commodities• Electric utilities• Transport OEMS• Cement• Food, beverage & tobacco• Paper & forestry• Real estate• Construction	<ul style="list-style-type: none">• TCFD Metrics and Targets A	<ul style="list-style-type: none">• Climate Change

(7.53) Did you have an emissions target that was active in the reporting year?

Select all that apply

Absolute target

Intensity target

No target

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none">• Financial services• Oil & Gas• Coal• General• Capital goods• Transport OEMS - EPM• Chemicals• Metals & mining• Transport services• Steel• Agricultural commodities• Electric utilities• Transport OEMS• Cement• Food, beverage & tobacco• Paper & forestry• Real estate• Construction	<ul style="list-style-type: none">• NZAM Commitment 1• TCFD Metrics and Targets C	<ul style="list-style-type: none">• Climate Change

(7.53.1) Provide details of your absolute emissions targets and progress made against those targets.

Row 1

(7.53.1.1) Target reference number

Select from:

- Abs 1
- Abs 2
- Abs 3
- Abs 4
- Abs 5
- Abs 11
- Abs 12
- Abs 13
- Abs 14
- Abs 15
- Abs 21
- Abs 22
- Abs 23
- Abs 24
- Abs 25
- Abs 31
- Abs 32
- Abs 33
- Abs 34
- Abs 35
- Abs 41
- Abs 42
- Abs 43
- Abs 44
- Abs 45
- Abs 51
- Abs 52
- Abs 53
- Abs 54
- Abs 6
- Abs 7
- Abs 8
- Abs 9
- Abs 10
- Abs 16
- Abs 17
- Abs 18
- Abs 19
- Abs 20
- Abs 26
- Abs 27
- Abs 28
- Abs 29
- Abs 30
- Abs 36
- Abs 37
- Abs 38
- Abs 39
- Abs 40
- Abs 46
- Abs 47
- Abs 48
- Abs 49
- Abs 50
- Abs 56
- Abs 57
- Abs 58
- Abs 59

- Abs 55
- Abs 61
- Abs 62
- Abs 63
- Abs 64
- Abs 65
- Abs 71
- Abs 72
- Abs 73
- Abs 74
- Abs 75
- Abs 81
- Abs 82
- Abs 83
- Abs 84
- Abs 85
- Abs 91
- Abs 92
- Abs 93
- Abs 94
- Abs 95

- Abs 60
- Abs 66
- Abs 67
- Abs 68
- Abs 69
- Abs 70
- Abs 76
- Abs 77
- Abs 78
- Abs 79
- Abs 80
- Abs 86
- Abs 87
- Abs 88
- Abs 89
- Abs 90
- Abs 96
- Abs 97
- Abs 98
- Abs 99
- Abs 100

(7.53.1.2) Is this a science-based target?

Select from:

- No, but we anticipate setting one in the next two years
- No, but we are reporting another target that is science-based
- No, and we do not anticipate setting one in the next two years
- Yes, and this target has been approved by the Science Based Targets initiative
- Yes, we consider this a science-based target, and the target is currently being reviewed by the Science Based Targets initiative

Yes, we consider this a science-based target, and we have committed to seek validation of this target by the Science Based Targets initiative in the next two years

Yes, we consider this a science-based target, but we have not committed to seek validation of this target by the Science Based Targets initiative within the next two years

(7.53.1.3) Science Based Targets initiative official validation letter

Attachment input [number of attachment 1]

(7.53.1.4) Target ambition

Select from:

1.5°C aligned

Well-below 2°C aligned

2°C aligned

Other, please specify

(7.53.1.5) Date target was set

Date input [must be between [01/01/1900 - 10/01/2024]

(7.53.1.6) Target coverage

Select from:

Suppliers

Product level

Site/facility

Business activity

Business division

Organization-wide

Country/area/region

Other, please specify

(7.53.1.7) Greenhouse gases covered by target

Select all that apply

Methane (CH₄)

Sulphur hexafluoride (SF₆)

- Nitrous oxide (N₂O)
- Carbon dioxide (CO₂)
- Perfluorocarbons (PFCs)
- Hydrofluorocarbons (HFCs)

- Nitrogen trifluoride (NF₃)

(7.53.1.8) Scopes

Select all that apply

- Scope 1
- Scope 2
- Scope 3

(7.53.1.9) Scope 2 accounting method

Select from:

- Location-based
- Market-based

(7.53.1.10) Scope 3 categories

Select all that apply

- Other (upstream)
- Other (downstream)
- Scope 3, Category 14 – Franchises
- Scope 3, Category 15 – Investments
- Scope 3, Category 2 – Capital goods
- Scope 3, Category 1 – Purchased goods and services
- Scope 3, Category 10 – Processing of sold products (Scope 1 or 2)
- Scope 3, Category 5 – Waste generated in operations
- Scope 3, Category 12 – End-of-life treatment of sold products
- Scope 3, Category 4 – Upstream transportation and distribution
- Scope 3, Category 6 – Business travel
- Scope 3, Category 7 – Employee commuting
- Scope 3, Category 11 – Use of sold products
- Scope 3, Category 8 – Upstream leased assets
- Scope 3, Category 13 – Downstream leased assets
- Scope 3, Category 9 – Downstream transportation and distribution
- Scope 3, Category 3 – Fuel- and energy- related activities (not included in

(7.53.1.11) End date of base year

Date input [must be between [01/01/1900 - 10/01/2024]

(7.53.1.12) Base year Scope 1 emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.13) Base year Scope 2 emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.14) Base year Scope 3, Category 1: Purchased goods and services emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.15) Base year Scope 3, Category 2: Capital goods emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.16) Base year Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.17) Base year Scope 3, Category 4: Upstream transportation and distribution emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.18) Base year Scope 3, Category 5: Waste generated in operations emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.19) Base year Scope 3, Category 6: Business travel emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.20) Base year Scope 3, Category 7: Employee commuting emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.21) Base year Scope 3, Category 8: Upstream leased assets emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.22) Base year Scope 3, Category 9: Downstream transportation and distribution emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.23) Base year Scope 3, Category 10: Processing of sold products emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.24) Base year Scope 3, Category 11: Use of sold products emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.25) Base year Scope 3, Category 12: End-of-life treatment of sold products emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.26) Base year Scope 3, Category 13: Downstream leased assets emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.27) Base year Scope 3, Category 14: Franchises emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.28) Base year Scope 3, Category 15: Investments emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.29) Base year Scope 3, Other (upstream) emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.30) Base year Scope 3, Other (downstream) emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.31) Base year total Scope 3 emissions covered by target (metric tons CO2e)

0.000

(7.53.1.32) Total base year emissions covered by target in all selected Scopes (metric tons CO2e)

0.000

(7.53.1.33) Base year Scope 1 emissions covered by target as % of total base year emissions in Scope 1

Numeric input

(7.53.1.34) Base year Scope 2 emissions covered by target as % of total base year emissions in Scope 2

Numeric input

(7.53.1.35) Base year Scope 3, Category 1: Purchased goods and services emissions covered by target as % of total base year emissions in Scope 3, Category 1: Purchased goods and services (metric tons CO2e)

Numeric input

(7.53.1.36) Base year Scope 3, Category 2: Capital goods emissions covered by target as % of total base year emissions in Scope 3, Category 2: Capital goods (metric tons CO2e)

Numeric input

(7.53.1.37) Base year Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) emissions covered by target as % of total base year emissions in Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) (metric tons CO2e)

Numeric input

(7.53.1.38) Base year Scope 3, Category 4: Upstream transportation and distribution covered by target as % of total base year emissions in Scope 3, Category 4: Upstream transportation and distribution (metric tons CO2e)

Numeric input

(7.53.1.39) Base year Scope 3, Category 5: Waste generated in operations emissions covered by target as % of total base year emissions in Scope 3, Category 5: Waste generated in operations (metric tons CO2e)

Numeric input

(7.53.1.40) Base year Scope 3, Category 6: Business travel emissions covered by target as % of total base year emissions in Scope 3, Category 6: Business travel (metric tons CO2e)

Numeric input

(7.53.1.41) Base year Scope 3, Category 7: Employee commuting covered by target as % of total base year emissions in Scope 3, Category 7: Employee commuting (metric tons CO2e)

Numeric input

(7.53.1.42) Base year Scope 3, Category 8: Upstream leased assets emissions covered by target as % of total base year emissions in Scope 3, Category 8: Upstream leased assets (metric tons CO2e)

Numeric input

(7.53.1.43) Base year Scope 3, Category 9: Downstream transportation and distribution emissions covered by target as % of total base year emissions in Scope 3, Category 9: Downstream transportation and distribution (metric tons CO2e)

Numeric input

(7.53.1.44) Base year Scope 3, Category 10: Processing of sold products emissions covered by target as % of total base year emissions in Scope 3, Category 10: Processing of sold products (metric tons CO2e)

Numeric input

(7.53.1.45) Base year Scope 3, Category 11: Use of sold products emissions covered by target as % of total base year emissions in Scope 3, Category 11: Use of sold products (metric tons CO2e)

Numeric input

(7.53.1.46) Base year Scope 3, Category 12: End-of-life treatment of sold products emissions covered by target as % of total base year emissions in Scope 3, Category 12: End-of-life treatment of sold products (metric tons CO2e)

Numeric input

(7.53.1.47) Base year Scope 3, Category 13: Downstream leased assets emissions covered by target as % of total base year emissions in Scope 3, Category 13: Downstream leased assets (metric tons CO2e)

Numeric input

(7.53.1.48) Base year Scope 3, Category 14: Franchises emissions covered by target as % of total base year emissions in Scope 3, Category 14: Franchises (metric tons CO2e)

Numeric input

(7.53.1.49) Base year Scope 3, Category 15: Investments emissions covered by target as % of total base year emissions in Scope 3, Category 15: Investments (metric tons CO2e)

Numeric input

(7.53.1.50) Base year Scope 3, Other (upstream) emissions covered by target as % of total base year emissions in Scope 3, Other (upstream) (metric tons CO2e)

Numeric input

(7.53.1.51) Base year Scope 3, Other (downstream) emissions covered by target as % of total base year emissions in Scope 3, Other (downstream) (metric tons CO2e)

Numeric input

(7.53.1.52) Base year total Scope 3 emissions covered by target as % of total base year emissions in Scope 3 (in all Scope 3 categories)

Numeric input

(7.53.1.53) Base year emissions covered by target in all selected Scopes as % of total base year emissions in all selected Scopes

Numeric input

(7.53.1.54) End date of target

Date input [must be between 01/01/2019 - 12/31/2100]

(7.53.1.55) Targeted reduction from base year (%)

Numeric input

(7.53.1.56) Total emissions at end date of target covered by target in all selected Scopes (metric tons CO2e)

Auto calculated

(7.53.1.57) Scope 1 emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.58) Scope 2 emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.59) Scope 3, Category 1: Purchased goods and services emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.60) Scope 3, Category 2: Capital goods emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.61) Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.62) Scope 3, Category 4: Upstream transportation and distribution emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.63) Scope 3, Category 5: Waste generated in operations emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.64) Scope 3, Category 6: Business travel emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.65) Scope 3, Category 7: Employee commuting emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.66) Scope 3, Category 8: Upstream leased assets emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.67) Scope 3, Category 9: Downstream transportation and distribution emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.68) Scope 3, Category 10: Processing of sold products emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.69) Scope 3, Category 11: Use of sold products emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.70) Scope 3, Category 12: End-of-life treatment of sold products emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.71) Scope 3, Category 13: Downstream leased assets emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.72) Scope 3, Category 14: Franchises emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.73) Scope 3, Category 15: Investments emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.74) Scope 3, Other (upstream) emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.75) Scope 3, Other (downstream) emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.76) Total Scope 3 emissions in reporting year covered by target (metric tons CO2e)

Auto calculated

(7.53.1.77) Total emissions in reporting year covered by target in all selected scopes (metric tons CO2e)

0.000

(7.53.1.78) Land-related emissions covered by target

Select from:

- Yes, it covers land-related emissions only (e.g. FLAG SBT)
- Yes, it covers land-related and non-land related emissions (e.g. SBT approved before the release of FLAG target-setting guidance)
- Yes, it covers land-related emissions/removals associated with bioenergy and non-land related emissions (e.g. non-FLAG SBT with bioenergy)
- No, it does not cover any land-related emissions (e.g. non-FLAG SBT)

(7.53.1.79) % of target achieved relative to base year

Auto calculated

(7.53.1.80) Target status in reporting year

Select from:

- | | |
|----------------------------------|--|
| <input type="checkbox"/> New | <input type="checkbox"/> Achieved |
| <input type="checkbox"/> Expired | <input type="checkbox"/> Replaced |
| <input type="checkbox"/> Revised | <input type="checkbox"/> Achieved and maintained |
| <input type="checkbox"/> Retired | |

Underway

(7.53.1.81) Explain the reasons for the revision, replacement, or retirement of the target

Rich text input [must be under 2500 characters]

(7.53.1.82) Explain target coverage and identify any exclusions

Rich text input [must be under 2500 characters]

(7.53.1.83) Target objective

Rich text input [must be under 1500 characters]

(7.53.1.84) Plan for achieving target, and progress made to the end of the reporting year

Rich text input [must be under 2500 characters]

(7.53.1.85) Target derived using a sectoral decarbonization approach

Select from:

Yes

No

(7.53.1.86) List the emissions reduction initiatives which contributed most to achieving this target

Rich text input [must be under 2500 characters]

Row 3

(7.53.1.1) Target reference number

Select from:

Abs 2

Abs 3

Abs 7

Abs 8

- Abs 4
- Abs 5
- Abs 6
- Abs 12
- Abs 13
- Abs 14
- Abs 15
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- Abs 71
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- Abs 79
- Abs 80
- Abs 81
- Abs 87
- Abs 88
- Abs 89
- Abs 90
- Abs 91
- Abs 97
- Abs 98
- Abs 99
- Abs 100
- Abs 1

(7.53.1.2) Is this a science-based target?

Select from:

- No, but we anticipate setting one in the next two years
- No, but we are reporting another target that is science-based
- No, and we do not anticipate setting one in the next two years
- Yes, and this target has been approved by the Science Based Targets initiative
- Yes, we consider this a science-based target, and the target is currently being reviewed by the Science Based Targets initiative
- Yes, we consider this a science-based target, and we have committed to seek validation of this target by the Science Based Targets initiative in the next two years
- Yes, we consider this a science-based target, but we have not committed to seek validation of this target by the Science Based Targets initiative within the next two years

(7.53.1.3) Science Based Targets initiative official validation letter

Attachment input [number of attachment 1]

(7.53.1.4) Target ambition

Select from:

- 1.5°C aligned
- Well-below 2°C aligned
- 2°C aligned
- Other, please specify

(7.53.1.5) Date target was set

Date input [must be between [01/01/1900 - 10/01/2024]

(7.53.1.6) Target coverage

Select from:

- Suppliers
- Product level
- Site/facility
- Business activity
- Business division
- Organization-wide
- Country/area/region
- Other, please specify

(7.53.1.7) Greenhouse gases covered by target

Select all that apply

- Methane (CH₄)
- Nitrous oxide (N₂O)
- Carbon dioxide (CO₂)
- Perfluorocarbons (PFCs)
- Hydrofluorocarbons (HFCs)
- Sulphur hexafluoride (SF₆)
- Nitrogen trifluoride (NF₃)

(7.53.1.8) Scopes

Select all that apply

- Scope 1
- Scope 2
- Scope 3

(7.53.1.9) Scope 2 accounting method

Select from:

- Location-based
- Market-based

(7.53.1.10) Scope 3 categories

Select all that apply

- Other (upstream)
- Other (downstream)
- Scope 3, Category 14 – Franchises
- Scope 3, Category 15 – Investments
- Scope 3, Category 2 – Capital goods
- Scope 3, Category 1 – Purchased goods and services
- Scope 3, Category 10 – Processing of sold products (Scope 1 or 2)
- Scope 3, Category 5 – Waste generated in operations
- Scope 3, Category 12 – End-of-life treatment of sold products
- Scope 3, Category 4 – Upstream transportation and distribution
- Scope 3, Category 6 – Business travel
- Scope 3, Category 7 – Employee commuting
- Scope 3, Category 11 – Use of sold products
- Scope 3, Category 8 - Upstream leased assets
- Scope 3, Category 13 – Downstream leased assets
- Scope 3, Category 9 – Downstream transportation and distribution
- Scope 3, Category 3 – Fuel- and energy- related activities (not included in

(7.53.1.11) End date of base year

Date input [must be between 01/01/1900 - 10/01/2024]

(7.53.1.12) Base year Scope 1 emissions covered by target (metric tons CO2e)

236045.11

(7.53.1.13) Base year Scope 2 emissions covered by target (metric tons CO2e)

1572464.61

(7.53.1.14) Base year Scope 3, Category 1: Purchased goods and services emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.15) Base year Scope 3, Category 2: Capital goods emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.16) Base year Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.17) Base year Scope 3, Category 4: Upstream transportation and distribution emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.18) Base year Scope 3, Category 5: Waste generated in operations emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.19) Base year Scope 3, Category 6: Business travel emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.20) Base year Scope 3, Category 7: Employee commuting emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.21) Base year Scope 3, Category 8: Upstream leased assets emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.22) Base year Scope 3, Category 9: Downstream transportation and distribution emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.23) Base year Scope 3, Category 10: Processing of sold products emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.24) Base year Scope 3, Category 11: Use of sold products emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.25) Base year Scope 3, Category 12: End-of-life treatment of sold products emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.26) Base year Scope 3, Category 13: Downstream leased assets emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.27) Base year Scope 3, Category 14: Franchises emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.28) Base year Scope 3, Category 15: Investments emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.29) Base year Scope 3, Other (upstream) emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.30) Base year Scope 3, Other (downstream) emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.31) Base year total Scope 3 emissions covered by target (metric tons CO2e)

0.000

(7.53.1.32) Total base year emissions covered by target in all selected Scopes (metric tons CO2e)

1808509.720

(7.53.1.33) Base year Scope 1 emissions covered by target as % of total base year emissions in Scope 1

100.0

(7.53.1.34) Base year Scope 2 emissions covered by target as % of total base year emissions in Scope 2

100.0

(7.53.1.35) Base year Scope 3, Category 1: Purchased goods and services emissions covered by target as % of total base year emissions in Scope 3, Category 1: Purchased goods and services (metric tons CO2e)

Numeric input

(7.53.1.36) Base year Scope 3, Category 2: Capital goods emissions covered by target as % of total base year emissions in Scope 3, Category 2: Capital goods (metric tons CO2e)

Numeric input

(7.53.1.37) Base year Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) emissions covered by target as % of total base year emissions in Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) (metric tons CO2e)

Numeric input

(7.53.1.38) Base year Scope 3, Category 4: Upstream transportation and distribution covered by target as % of total base year emissions in Scope 3, Category 4: Upstream transportation and distribution (metric tons CO2e)

Numeric input

(7.53.1.39) Base year Scope 3, Category 5: Waste generated in operations emissions covered by target as % of total base year emissions in Scope 3, Category 5: Waste generated in operations (metric tons CO2e)

Numeric input

(7.53.1.40) Base year Scope 3, Category 6: Business travel emissions covered by target as % of total base year emissions in Scope 3, Category 6: Business travel (metric tons CO2e)

Numeric input

(7.53.1.41) Base year Scope 3, Category 7: Employee commuting covered by target as % of total base year emissions in Scope 3, Category 7: Employee commuting (metric tons CO2e)

Numeric input

(7.53.1.42) Base year Scope 3, Category 8: Upstream leased assets emissions covered by target as % of total base year emissions in Scope 3, Category 8: Upstream leased assets (metric tons CO2e)

Numeric input

(7.53.1.43) Base year Scope 3, Category 9: Downstream transportation and distribution emissions covered by target as % of total base year emissions in Scope 3, Category 9: Downstream transportation and distribution (metric tons CO2e)

Numeric input

(7.53.1.44) Base year Scope 3, Category 10: Processing of sold products emissions covered by target as % of total base year emissions in Scope 3, Category 10: Processing of sold products (metric tons CO2e)

Numeric input

(7.53.1.45) Base year Scope 3, Category 11: Use of sold products emissions covered by target as % of total base year emissions in Scope 3, Category 11: Use of sold products (metric tons CO2e)

Numeric input

(7.53.1.46) Base year Scope 3, Category 12: End-of-life treatment of sold products emissions covered by target as % of total base year emissions in Scope 3, Category 12: End-of-life treatment of sold products (metric tons CO2e)

Numeric input

(7.53.1.47) Base year Scope 3, Category 13: Downstream leased assets emissions covered by target as % of total base year emissions in Scope 3, Category 13: Downstream leased assets (metric tons CO2e)

Numeric input

(7.53.1.48) Base year Scope 3, Category 14: Franchises emissions covered by target as % of total base year emissions in Scope 3, Category 14: Franchises (metric tons CO2e)

Numeric input

(7.53.1.49) Base year Scope 3, Category 15: Investments emissions covered by target as % of total base year emissions in Scope 3, Category 15: Investments (metric tons CO2e)

Numeric input

(7.53.1.50) Base year Scope 3, Other (upstream) emissions covered by target as % of total base year emissions in Scope 3, Other (upstream) (metric tons CO2e)

Numeric input

(7.53.1.51) Base year Scope 3, Other (downstream) emissions covered by target as % of total base year emissions in Scope 3, Other (downstream) (metric tons CO2e)

Numeric input

(7.53.1.52) Base year total Scope 3 emissions covered by target as % of total base year emissions in Scope 3 (in all Scope 3 categories)

Numeric input

(7.53.1.53) Base year emissions covered by target in all selected Scopes as % of total base year emissions in all selected Scopes

100.0

(7.53.1.54) End date of target

Date input [must be between [01/01/2019 - 12/31/2100]

(7.53.1.55) Targeted reduction from base year (%)

Numeric input

(7.53.1.56) Total emissions at end date of target covered by target in all selected Scopes (metric tons CO2e)

Auto calculated

(7.53.1.57) Scope 1 emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.58) Scope 2 emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.59) Scope 3, Category 1: Purchased goods and services emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.60) Scope 3, Category 2: Capital goods emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.61) Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.62) Scope 3, Category 4: Upstream transportation and distribution emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.63) Scope 3, Category 5: Waste generated in operations emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.64) Scope 3, Category 6: Business travel emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.65) Scope 3, Category 7: Employee commuting emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.66) Scope 3, Category 8: Upstream leased assets emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.67) Scope 3, Category 9: Downstream transportation and distribution emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.68) Scope 3, Category 10: Processing of sold products emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.69) Scope 3, Category 11: Use of sold products emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.70) Scope 3, Category 12: End-of-life treatment of sold products emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.71) Scope 3, Category 13: Downstream leased assets emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.72) Scope 3, Category 14: Franchises emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.73) Scope 3, Category 15: Investments emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.74) Scope 3, Other (upstream) emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.75) Scope 3, Other (downstream) emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.76) Total Scope 3 emissions in reporting year covered by target (metric tons CO2e)

Auto calculated

(7.53.1.77) Total emissions in reporting year covered by target in all selected scopes (metric tons CO2e)

0.000

(7.53.1.78) Land-related emissions covered by target

Select from:

- Yes, it covers land-related emissions only (e.g. FLAG SBT)
- Yes, it covers land-related and non-land related emissions (e.g. SBT approved before the release of FLAG target-setting guidance)
- Yes, it covers land-related emissions/removals associated with bioenergy and non-land related emissions (e.g. non-FLAG SBT with bioenergy)
- No, it does not cover any land-related emissions (e.g. non-FLAG SBT)

(7.53.1.79) % of target achieved relative to base year

Auto calculated

(7.53.1.80) Target status in reporting year

Select from:

- New
- Expired
- Revised
- Retired
- Underway
- Achieved
- Replaced
- Achieved and maintained

(7.53.1.81) Explain the reasons for the revision, replacement, or retirement of the target

Rich text input [must be under 2500 characters]

(7.53.1.82) Explain target coverage and identify any exclusions

Rich text input [must be under 2500 characters]

(7.53.1.83) Target objective

Rich text input [must be under 1500 characters]

(7.53.1.84) Plan for achieving target, and progress made to the end of the reporting year

Rich text input [must be under 2500 characters]

(7.53.1.85) Target derived using a sectoral decarbonization approach

Select from:

- Yes
- No

(7.53.1.86) List the emissions reduction initiatives which contributed most to achieving this target

Rich text input [must be under 2500 characters]

Row 2

(7.53.1.1) Target reference number

Select from:

- | | |
|---------------------------------|---------------------------------|
| <input type="checkbox"/> Abs 3 | <input type="checkbox"/> Abs 8 |
| <input type="checkbox"/> Abs 4 | <input type="checkbox"/> Abs 9 |
| <input type="checkbox"/> Abs 5 | <input type="checkbox"/> Abs 1 |
| <input type="checkbox"/> Abs 6 | <input type="checkbox"/> Abs 10 |
| <input type="checkbox"/> Abs 7 | <input type="checkbox"/> Abs 11 |
| <input type="checkbox"/> Abs 12 | <input type="checkbox"/> Abs 17 |
| <input type="checkbox"/> Abs 13 | <input type="checkbox"/> Abs 18 |

- Abs 14
- Abs 15
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- Abs 89
- Abs 90
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- Abs 98
- Abs 99
- Abs 100
- Abs 2

(7.53.1.2) Is this a science-based target?

Select from:

- No, but we anticipate setting one in the next two years
- No, but we are reporting another target that is science-based
- No, and we do not anticipate setting one in the next two years
- Yes, and this target has been approved by the Science Based Targets initiative
- Yes, we consider this a science-based target, and the target is currently being reviewed by the Science Based Targets initiative
- Yes, we consider this a science-based target, and we have committed to seek validation of this target by the Science Based Targets initiative in the next two years
- Yes, we consider this a science-based target, but we have not committed to seek validation of this target by the Science Based Targets initiative within the next two years

(7.53.1.3) Science Based Targets initiative official validation letter

Attachment input [number of attachment 1]

(7.53.1.4) Target ambition

Select from:

- 1.5°C aligned
- Well-below 2°C aligned
- 2°C aligned
- Other, please specify

(7.53.1.5) Date target was set

Date input [must be between 01/01/1900 - 10/01/2024]

(7.53.1.6) Target coverage

Select from:

- Suppliers
- Product level
- Site/facility
- Business activity
- Business division
- Organization-wide
- Country/area/region
- Other, please specify

(7.53.1.7) Greenhouse gases covered by target

Select all that apply

- Methane (CH₄)
- Nitrous oxide (N₂O)
- Carbon dioxide (CO₂)
- Perfluorocarbons (PFCs)
- Hydrofluorocarbons (HFCs)
- Sulphur hexafluoride (SF₆)
- Nitrogen trifluoride (NF₃)

(7.53.1.8) Scopes

Select all that apply

- Scope 1
- Scope 2

Scope 3

(7.53.1.9) Scope 2 accounting method

Select from:

Location-based

Market-based

(7.53.1.10) Scope 3 categories

Select all that apply

Other (upstream)

Other (downstream)

Scope 3, Category 14 – Franchises

Scope 3, Category 15 – Investments

Scope 3, Category 2 – Capital goods

Scope 3, Category 1 – Purchased goods and services

Scope 3, Category 10 – Processing of sold products

Scope 1 or 2)

Scope 3, Category 5 – Waste generated in operations

Scope 3, Category 12 – End-of-life treatment of sold products

Scope 3, Category 4 – Upstream transportation and distribution

Scope 3, Category 6 – Business travel

Scope 3, Category 7 – Employee commuting

Scope 3, Category 11 – Use of sold products

Scope 3, Category 8 - Upstream leased assets

Scope 3, Category 13 – Downstream leased assets

Scope 3, Category 9 – Downstream transportation and distribution

Scope 3, Category 3 – Fuel- and energy- related activities (not included in

(7.53.1.11) End date of base year

Date input [must be between 01/01/1900 - 10/01/2024]

(7.53.1.12) Base year Scope 1 emissions covered by target (metric tons CO₂e)

435377.38

(7.53.1.13) Base year Scope 2 emissions covered by target (metric tons CO₂e)

1501380.23

(7.53.1.14) Base year Scope 3, Category 1: Purchased goods and services emissions covered by target (metric tons CO2e)

12525820.4

(7.53.1.15) Base year Scope 3, Category 2: Capital goods emissions covered by target (metric tons CO2e)

47305.39

(7.53.1.16) Base year Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.17) Base year Scope 3, Category 4: Upstream transportation and distribution emissions covered by target (metric tons CO2e)

268798.35

(7.53.1.18) Base year Scope 3, Category 5: Waste generated in operations emissions covered by target (metric tons CO2e)

90303.47

(7.53.1.19) Base year Scope 3, Category 6: Business travel emissions covered by target (metric tons CO2e)

2077.74

(7.53.1.20) Base year Scope 3, Category 7: Employee commuting emissions covered by target (metric tons CO2e)

153865.7

(7.53.1.21) Base year Scope 3, Category 8: Upstream leased assets emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.22) Base year Scope 3, Category 9: Downstream transportation and distribution emissions covered by target (metric tons CO2e)

94192.64

(7.53.1.23) Base year Scope 3, Category 10: Processing of sold products emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.24) Base year Scope 3, Category 11: Use of sold products emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.25) Base year Scope 3, Category 12: End-of-life treatment of sold products emissions covered by target (metric tons CO2e)

9330.91

(7.53.1.26) Base year Scope 3, Category 13: Downstream leased assets emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.27) Base year Scope 3, Category 14: Franchises emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.28) Base year Scope 3, Category 15: Investments emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.29) Base year Scope 3, Other (upstream) emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.30) Base year Scope 3, Other (downstream) emissions covered by target (metric tons CO2e)

Numeric input

(7.53.1.31) Base year total Scope 3 emissions covered by target (metric tons CO2e)

13191694.600

(7.53.1.32) Total base year emissions covered by target in all selected Scopes (metric tons CO2e)

15128452.210

(7.53.1.33) Base year Scope 1 emissions covered by target as % of total base year emissions in Scope 1

100.0

(7.53.1.34) Base year Scope 2 emissions covered by target as % of total base year emissions in Scope 2

100.0

(7.53.1.35) Base year Scope 3, Category 1: Purchased goods and services emissions covered by target as % of total base year emissions in Scope 3, Category 1: Purchased goods and services (metric tons CO2e)

100.0

(7.53.1.36) Base year Scope 3, Category 2: Capital goods emissions covered by target as % of total base year emissions in Scope 3, Category 2: Capital goods (metric tons CO2e)

Numeric input

(7.53.1.37) Base year Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) emissions covered by target as % of total base year emissions in Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) (metric tons CO2e)

Numeric input

(7.53.1.38) Base year Scope 3, Category 4: Upstream transportation and distribution covered by target as % of total base year emissions in Scope 3, Category 4: Upstream transportation and distribution (metric tons CO2e)

100.0

(7.53.1.39) Base year Scope 3, Category 5: Waste generated in operations emissions covered by target as % of total base year emissions in Scope 3, Category 5: Waste generated in operations (metric tons CO2e)

100.0

(7.53.1.40) Base year Scope 3, Category 6: Business travel emissions covered by target as % of total base year emissions in Scope 3, Category 6: Business travel (metric tons CO2e)

100.0

(7.53.1.41) Base year Scope 3, Category 7: Employee commuting covered by target as % of total base year emissions in Scope 3, Category 7: Employee commuting (metric tons CO2e)

100.0

(7.53.1.42) Base year Scope 3, Category 8: Upstream leased assets emissions covered by target as % of total base year emissions in Scope 3, Category 8: Upstream leased assets (metric tons CO2e)

Numeric input

(7.53.1.43) Base year Scope 3, Category 9: Downstream transportation and distribution emissions covered by target as % of total base year emissions in Scope 3, Category 9: Downstream transportation and distribution (metric tons CO2e)

100.0

(7.53.1.44) Base year Scope 3, Category 10: Processing of sold products emissions covered by target as % of total base year emissions in Scope 3, Category 10: Processing of sold products (metric tons CO2e)

Numeric input

(7.53.1.45) Base year Scope 3, Category 11: Use of sold products emissions covered by target as % of total base year emissions in Scope 3, Category 11: Use of sold products (metric tons CO2e)

Numeric input

(7.53.1.46) Base year Scope 3, Category 12: End-of-life treatment of sold products emissions covered by target as % of total base year emissions in Scope 3, Category 12: End-of-life treatment of sold products (metric tons CO2e)

100.0

(7.53.1.47) Base year Scope 3, Category 13: Downstream leased assets emissions covered by target as % of total base year emissions in Scope 3, Category 13: Downstream leased assets (metric tons CO2e)

Numeric input

(7.53.1.48) Base year Scope 3, Category 14: Franchises emissions covered by target as % of total base year emissions in Scope 3, Category 14: Franchises (metric tons CO2e)

Numeric input

(7.53.1.49) Base year Scope 3, Category 15: Investments emissions covered by target as % of total base year emissions in Scope 3, Category 15: Investments (metric tons CO2e)

Numeric input

(7.53.1.50) Base year Scope 3, Other (upstream) emissions covered by target as % of total base year emissions in Scope 3, Other (upstream) (metric tons CO2e)

Numeric input

(7.53.1.51) Base year Scope 3, Other (downstream) emissions covered by target as % of total base year emissions in Scope 3, Other (downstream) (metric tons CO2e)

Numeric input

(7.53.1.52) Base year total Scope 3 emissions covered by target as % of total base year emissions in Scope 3 (in all Scope 3 categories)

100.0

(7.53.1.53) Base year emissions covered by target in all selected Scopes as % of total base year emissions in all selected Scopes

100.0

(7.53.1.54) End date of target

Date input [must be between 01/01/2019 - 12/31/2100]

(7.53.1.55) Targeted reduction from base year (%)

Numeric input

(7.53.1.56) Total emissions at end date of target covered by target in all selected Scopes (metric tons CO2e)

Auto calculated

(7.53.1.57) Scope 1 emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.58) Scope 2 emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.59) Scope 3, Category 1: Purchased goods and services emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.60) Scope 3, Category 2: Capital goods emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.61) Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.62) Scope 3, Category 4: Upstream transportation and distribution emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.63) Scope 3, Category 5: Waste generated in operations emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.64) Scope 3, Category 6: Business travel emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.65) Scope 3, Category 7: Employee commuting emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.66) Scope 3, Category 8: Upstream leased assets emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.67) Scope 3, Category 9: Downstream transportation and distribution emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.68) Scope 3, Category 10: Processing of sold products emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.69) Scope 3, Category 11: Use of sold products emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.70) Scope 3, Category 12: End-of-life treatment of sold products emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.71) Scope 3, Category 13: Downstream leased assets emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.72) Scope 3, Category 14: Franchises emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.73) Scope 3, Category 15: Investments emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.74) Scope 3, Other (upstream) emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.75) Scope 3, Other (downstream) emissions in reporting year covered by target (metric tons CO2e)

Numeric input

(7.53.1.76) Total Scope 3 emissions in reporting year covered by target (metric tons CO2e)

0.000

(7.53.1.77) Total emissions in reporting year covered by target in all selected scopes (metric tons CO2e)

0.000

(7.53.1.78) Land-related emissions covered by target

Select from:

- Yes, it covers land-related emissions only (e.g. FLAG SBT)
- Yes, it covers land-related and non-land related emissions (e.g. SBT approved before the release of FLAG target-setting guidance)
- Yes, it covers land-related emissions/removals associated with bioenergy and non-land related emissions (e.g. non-FLAG SBT with bioenergy)
- No, it does not cover any land-related emissions (e.g. non-FLAG SBT)

(7.53.1.79) % of target achieved relative to base year

Auto calculated

(7.53.1.80) Target status in reporting year

Select from:

- New
- Expired
- Revised
- Retired
- Underway
- Achieved
- Replaced
- Achieved and maintained

(7.53.1.81) Explain the reasons for the revision, replacement, or retirement of the target

Rich text input [must be under 2500 characters]

(7.53.1.82) Explain target coverage and identify any exclusions

Rich text input [must be under 2500 characters]

(7.53.1.83) Target objective

Rich text input [must be under 1500 characters]

(7.53.1.84) Plan for achieving target, and progress made to the end of the reporting year

Rich text input [must be under 2500 characters]

(7.53.1.85) Target derived using a sectoral decarbonization approach

Select from:

Yes

No

(7.53.1.86) List the emissions reduction initiatives which contributed most to achieving this target

Rich text input [must be under 2500 characters]

[Add row]

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none">• Financial services• Oil & Gas• Coal• General• Capital goods• Transport OEMS - EPM• Chemicals• Metals & mining• Transport services• Steel	<ul style="list-style-type: none">• ESRS 2• NZAM Commitment 1• IFRS S2 33• TCFD Metrics and Targets C• IFRS S2 34• IFRS S2 14• IFRS S2 35• ESRS E1• IFRS S2 36	<ul style="list-style-type: none">• Climate Change

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none"> • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 		

(7.53.2) Provide details of your emissions intensity targets and progress made against those targets.

Row 1

(7.53.2.1) Target reference number

Select from:

- | | |
|--|---|
| <input type="checkbox"/> Int 1
<input type="checkbox"/> Int 2
<input type="checkbox"/> Int 3
<input type="checkbox"/> Int 4
<input type="checkbox"/> Int 5
<input type="checkbox"/> Int 11
<input type="checkbox"/> Int 12
<input type="checkbox"/> Int 13
<input type="checkbox"/> Int 14
<input type="checkbox"/> Int 15
<input type="checkbox"/> Int 21
<input type="checkbox"/> Int 22
<input type="checkbox"/> Int 23 | <input type="checkbox"/> Int 6
<input type="checkbox"/> Int 7
<input type="checkbox"/> Int 8
<input type="checkbox"/> Int 9
<input type="checkbox"/> Int 10
<input type="checkbox"/> Int 16
<input type="checkbox"/> Int 17
<input type="checkbox"/> Int 18
<input type="checkbox"/> Int 19
<input type="checkbox"/> Int 20
<input type="checkbox"/> Int 26
<input type="checkbox"/> Int 27
<input type="checkbox"/> Int 28 |
|--|---|

- Int 24
- Int 25
- Int 31
- Int 32
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- Int 92
- Int 93
- Int 94
- Int 95

- Int 89
- Int 90
- Int 96
- Int 97
- Int 98
- Int 99
- Int 100

(7.53.2.2) Is this a science-based target?

Select from:

- No, but we anticipate setting one in the next two years
- No, but we are reporting another target that is science-based
- No, and we do not anticipate setting one in the next two years
- Yes, and this target has been approved by the Science Based Targets initiative
- Yes, we consider this a science-based target, and the target is currently being reviewed by the Science Based Targets initiative
- Yes, we consider this a science-based target, and we have committed to seek validation of this target by the Science Based Targets initiative in the next two years
- Yes, we consider this a science-based target, but we have not committed to seek validation of this target by the Science Based Targets initiative within the next two years

(7.53.2.3) Science Based Targets initiative official validation letter

Attachment input [number of attachment 1]

(7.53.2.4) Target ambition

Select from:

- 1.5°C aligned
- Well-below 2°C aligned
- 2°C aligned
- Other, please specify

(7.53.2.5) Date target was set

Date input [must be between 01/01/1900 - 10/01/2024]

(7.53.2.6) Target coverage

Select from:

- Suppliers
- Product level
- Site/facility
- Business activity
- Business division
- Organization-wide
- Country/area/region
- Other, please specify

(7.53.2.7) Greenhouse gases covered by target

Select all that apply

- Methane (CH4)
- Nitrous oxide (N2O)
- Carbon dioxide (CO2)
- Perfluorocarbons (PFCs)
- Hydrofluorocarbons (HFCs)
- Nitrogen trifluoride (NF3)
- Sulphur hexafluoride (SF6)

(7.53.2.8) Scopes

Select all that apply

- Scope 1
- Scope 2
- Scope 3

(7.53.2.9) Scope 2 accounting method

Select from:

- Location-based

- Market-based

(7.53.2.10) Scope 3 categories

Select all that apply

- Other (upstream)
- Other (downstream)
- Category 14: Franchises
- Category 15: Investments
- Category 2: Capital goods
- Category 1: Purchased goods and services
- Category 10: Processing of sold products
- Category 5: Waste generated in operations
- Category 12: End-of-life treatment of sold products
- Category 4: Upstream transportation and distribution
- Category 6: Business travel
- Category 7: Employee commuting
- Category 11: Use of sold products
- Category 8: Upstream leased assets
- Category 13: Downstream leased assets
- Category 9: Downstream transportation and distribution
- Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2)

(7.53.2.11) Intensity metric

Select from:

- Grams CO₂e per kilometer
- Metric tons CO₂e per kilometer
- Metric tons CO₂e per square foot
- Metric tons CO₂e per square meter
- Metric tons CO₂e per unit revenue
- Metric tons CO₂e per USD(\$) value-added
- Metric tons CO₂e per unit of production
- Metric tons CO₂e per metric ton of steel
- Metric tons of CO₂e per liter of product
- Metric tons CO₂e per passenger kilometer
- Metric tons CO₂e per metric ton of cardboard
- Metric tons CO₂e per unit of service provided
- Metric tons CO₂e per ounce of gold
- Metric tons CO₂e per unit hour worked
- Metric tons CO₂e per vehicle produced
- Metric tons CO₂e per unit FTE employee
- Metric tons CO₂e per ounce of platinum
- Metric tons CO₂e per megawatt hour (MWh)
- Metric tons CO₂e per metric ton of cement
- Grams CO₂e per revenue passenger kilometer
- Metric tons CO₂e per metric ton of product
- Metric tons CO₂e per metric ton of aluminum
- Metric tons of CO₂e per billion (currency) funds under management
- Other, please specify

- Metric tons of CO2e per metric ton of aggregate
- Metric tons CO2e per metric ton of ore processed
- Metric tons CO2e per barrel of oil equivalent (BOE)

(7.53.2.12) End date of base year

Date input [must be between 01/01/1900 - 10/01/2024]

(7.53.2.13) Intensity figure in base year for Scope 1 (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.14) Intensity figure in base year for Scope 2 (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.15) Intensity figure in base year for Scope 3, Category 1: Purchased goods and services (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.16) Intensity figure in base year for Scope 3, Category 2: Capital goods (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.17) Intensity figure in base year for Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.18) Intensity figure in base year for Scope 3, Category 4: Upstream transportation and distribution (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.19) Intensity figure in base year for Scope 3, Category 5: Waste generated in operations (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.20) Intensity figure in base year for Scope 3, Category 6: Business travel (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.21) Intensity figure in base year for Scope 3, Category 7: Employee commuting (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.22) Intensity figure in base year for Scope 3, Category 8: Upstream leased assets (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.23) Intensity figure in base year for Scope 3, Category 9: Downstream transportation and distribution (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.24) Intensity figure in base year for Scope 3, Category 10: Processing of sold products (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.25) Intensity figure in base year for Scope 3, Category 11: Use of sold products (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.26) Intensity figure in base year for Scope 3, Category 12: End-of-life treatment of sold products (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.27) Intensity figure in base year for Scope 3, Category 13: Downstream leased assets (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.28) Intensity figure in base year for Scope 3, Category 14: Franchises (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.29) Intensity figure in base year for Scope 3, Category 15: Investments (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.30) Intensity figure in base year for Scope 3, Other (upstream) (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.31) Intensity figure in base year for Scope 3, Other (downstream) (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.32) Intensity figure in base year for total Scope 3 (metric tons CO2e per unit of activity)

Auto calculated

(7.53.2.33) Intensity figure in base year for all selected Scopes (metric tons CO2e per unit of activity)

0.0000000000

(7.53.2.34) % of total base year emissions in Scope 1 covered by this Scope 1 intensity figure

Numeric input

(7.53.2.35) % of total base year emissions in Scope 2 covered by this Scope 2 intensity figure

Numeric input

(7.53.2.36) % of total base year emissions in Scope 3, Category 1: Purchased goods and services covered by this Scope 3, Category 1: Purchased goods and services intensity figure

Numeric input

(7.53.2.37) % of total base year emissions in Scope 3, Category 2: Capital goods covered by this Scope 3, Category 2: Capital goods intensity figure

Numeric input

(7.53.2.38) % of total base year emissions in Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) covered by this Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) intensity figure

Numeric input

(7.53.2.39) % of total base year emissions in Scope 3, Category 4: Upstream transportation and distribution covered by this Scope 3, Category 4: Upstream transportation and distribution intensity figure

Numeric input

(7.53.2.40) % of total base year emissions in Scope 3, Category 5: Waste generated in operations covered by this Scope 3, Category 5: Waste generated in operations intensity figure

Numeric input

(7.53.2.41) % of total base year emissions in Scope 3, Category 6: Business travel covered by this Scope 3, Category 6: Business travel intensity figure

Numeric input

(7.53.2.42) % of total base year emissions in Scope 3, Category 7: Employee commuting covered by this Scope 3, Category 7: Employee commuting intensity figure

Numeric input

(7.53.2.43) % of total base year emissions in Scope 3, Category 8: Upstream leased assets covered by this Scope 3, Category 8: Upstream leased assets intensity figure

Numeric input

(7.53.2.44) % of total base year emissions in Scope 3, Category 9: Downstream transportation and distribution covered by this Scope 3, Category 9: Downstream transportation and distribution intensity figure

Numeric input

(7.53.2.45) % of total base year emissions in Scope 3, Category 10: Processing of sold products covered by this Scope 3, Category 10: Processing of sold products intensity figure

Numeric input

(7.53.2.46) % of total base year emissions in Scope 3, Category 11: Use of sold products covered by this Scope 3, Category 11: Use of sold products intensity figure

Numeric input

(7.53.2.47) % of total base year emissions in Scope 3, Category 12: End-of-life treatment of sold products covered by this Scope 3, Category 12: End-of-life treatment of sold products intensity figure

Numeric input

(7.53.2.48) % of total base year emissions in Scope 3, Category 13: Downstream leased assets covered by this Scope 3, Category 13: Downstream leased assets intensity figure

Numeric input

(7.53.2.49) % of total base year emissions in Scope 3, Category 14: Franchises covered by this Scope 3, Category 14: Franchises intensity figure

Numeric input

(7.53.2.50) % of total base year emissions in Scope 3, Category 15: Investments covered by this Scope 3, Category 15: Investments intensity figure

Numeric input

(7.53.2.51) % of total base year emissions in Scope 3, Other (upstream) covered by this Scope 3, Other (upstream) intensity figure

Numeric input

(7.53.2.52) % of total base year emissions in Scope 3, Other (downstream) covered by this Scope 3, Other (downstream) intensity figure

Numeric input

(7.53.2.53) % of total base year emissions in Scope 3 (in all Scope 3 categories) covered by this total Scope 3 intensity figure

Numeric input

(7.53.2.54) % of total base year emissions in all selected Scopes covered by this intensity figure

Numeric input

(7.53.2.55) End date of target

Date input [must be between [01/01/2019 - 12/31/2100]

(7.53.2.56) Targeted reduction from base year (%)

Numeric input

(7.53.2.57) Intensity figure at end date of target for all selected Scopes (metric tons CO2e per unit of activity)

Auto calculated

(7.53.2.58) % change anticipated in absolute Scope 1+2 emissions

Numeric input [must be between [-999 - 999]

(7.53.2.59) % change anticipated in absolute Scope 3 emissions

Numeric input [must be between [-999 - 999]

(7.53.2.60) Intensity figure in reporting year for Scope 1 (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.61) Intensity figure in reporting year for Scope 2 (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.62) Intensity figure in reporting year for Scope 3, Category 1: Purchased goods and services (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.63) Intensity figure in reporting year for Scope 3, Category 2: Capital goods (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.64) Intensity figure in reporting year for Scope 3, Category 3: Fuel- and energy-related activities (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.65) Intensity figure in reporting year for Scope 3, Category 4: Upstream transportation and distribution (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.66) Intensity figure in reporting year for Scope 3, Category 5: Waste generated in operations (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.67) Intensity figure in reporting year for Scope 3, Category 6: Business travel (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.68) Intensity figure in reporting year for Scope 3, Category 7: Employee commuting (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.69) Intensity figure in reporting year for Scope 3, Category 8: Upstream leased assets (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.70) Intensity figure in reporting year for Scope 3, Category 9: Downstream transportation and distribution (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.71) Intensity figure in reporting year for Scope 3, Category 10: Processing of sold products (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.72) Intensity figure in reporting year for Scope 3, Category 11: Use of sold products (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.73) Intensity figure in reporting year for Scope 3, Category 12: End-of-life treatment of sold products (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.74) Intensity figure in reporting year for Scope 3, Category 13: Downstream leased assets (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.75) Intensity figure in reporting year for Scope 3, Category 14: Franchises (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.76) Intensity figure in reporting year for Scope 3, Category 15: Investments (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.77) Intensity figure in reporting year for Scope 3, Other (upstream) (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.78) Intensity figure in reporting year for Scope 3, Other (downstream) (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.79) Intensity figure in reporting year for total Scope 3 (metric tons CO2e per unit of activity)

Auto calculated

(7.53.2.80) Intensity figure in reporting year for all selected Scopes (metric tons CO2e per unit of activity)

0.0000000000

(7.53.2.81) Land-related emissions covered by target

Select from:

- Yes, it covers land-related emissions only (e.g. FLAG SBT)
- Yes, it covers land-related and non-land related emissions (e.g. SBT approved before the release of FLAG target-setting guidance)
- Yes, it covers land-related emissions/removals associated with bioenergy and non-land related emissions (e.g. non-FLAG SBT with bioenergy)
- No, it does not cover any land-related emissions (e.g. non-FLAG SBT)

(7.53.2.82) % of target achieved relative to base year

Auto calculated

(7.53.2.83) Target status in reporting year

Select from:

- | | |
|-----------------------------------|--|
| <input type="checkbox"/> New | <input type="checkbox"/> Achieved |
| <input type="checkbox"/> Expired | <input type="checkbox"/> Replaced |
| <input type="checkbox"/> Revised | <input type="checkbox"/> Achieved and maintained |
| <input type="checkbox"/> Retired | |
| <input type="checkbox"/> Underway | |

(7.53.2.84) Explain the reasons for the revision, replacement, or retirement of the target

Rich text input [must be under 2500 characters]

(7.53.2.85) Explain target coverage and identify any exclusions

Rich text input [must be under 5000 characters]

(7.53.2.86) Target objective

Rich text input [must be under 1500 characters]

(7.53.2.87) Plan for achieving target, and progress made to the end of the reporting year

Rich text input [must be under 2400 characters]

(7.53.2.88) Target derived using a sectoral decarbonization approach

Select from:

Yes

No

(7.53.2.89) List the emissions reduction initiatives which contributed most to achieving this target

Rich text input [must be under 2400 characters]

Row 2

(7.53.2.1) Target reference number

Select from:

Int 2

Int 3

Int 4

Int 5

Int 6

Int 12

Int 13

Int 14

Int 15

Int 16

Int 7

Int 8

Int 9

Int 10

Int 11

Int 17

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Int 20

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- Int 96

- Int 87
- Int 88
- Int 89
- Int 90
- Int 91
- Int 97
- Int 98
- Int 99
- Int 100
- Int 1

(7.53.2.2) Is this a science-based target?

Select from:

- No, but we anticipate setting one in the next two years
- No, but we are reporting another target that is science-based
- No, and we do not anticipate setting one in the next two years
- Yes, and this target has been approved by the Science Based Targets initiative
- Yes, we consider this a science-based target, and the target is currently being reviewed by the Science Based Targets initiative
- Yes, we consider this a science-based target, and we have committed to seek validation of this target by the Science Based Targets initiative in the next two years
- Yes, we consider this a science-based target, but we have not committed to seek validation of this target by the Science Based Targets initiative within the next two years

(7.53.2.3) Science Based Targets initiative official validation letter

Attachment input [number of attachment 1]

(7.53.2.4) Target ambition

Select from:

- 1.5°C aligned

- Well-below 2°C aligned
- 2°C aligned
- Other, please specify

(7.53.2.5) Date target was set

Date input [must be between 01/01/1900 - 10/01/2024]

(7.53.2.6) Target coverage

Select from:

- Suppliers
- Product level
- Site/facility
- Business activity
- Business division
- Organization-wide
- Country/area/region
- Other, please specify

(7.53.2.7) Greenhouse gases covered by target

Select all that apply

- Methane (CH4)
- Nitrous oxide (N2O)
- Carbon dioxide (CO2)
- Perfluorocarbons (PFCs)
- Hydrofluorocarbons (HFCs)
- Nitrogen trifluoride (NF3)
- Sulphur hexafluoride (SF6)

(7.53.2.8) Scopes

Select all that apply

- Scope 1
- Scope 2
- Scope 3

(7.53.2.9) Scope 2 accounting method

Select from:

- Location-based
- Market-based

(7.53.2.10) Scope 3 categories

Select all that apply

- Other (upstream)
- Other (downstream)
- Category 14: Franchises
- Category 15: Investments
- Category 2: Capital goods
- Category 1: Purchased goods and services
- Category 10: Processing of sold products
- Category 5: Waste generated in operations
- Category 12: End-of-life treatment of sold products
- Category 4: Upstream transportation and distribution
- Category 6: Business travel
- Category 7: Employee commuting
- Category 11: Use of sold products
- Category 8: Upstream leased assets
- Category 13: Downstream leased assets
- Category 9: Downstream transportation and distribution
- Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2)

(7.53.2.11) Intensity metric

Select from:

- Grams CO₂e per kilometer
- Metric tons CO₂e per kilometer
- Metric tons CO₂e per square foot
- Metric tons CO₂e per square meter
- Metric tons CO₂e per ounce of gold
- Metric tons CO₂e per unit of production
- Metric tons CO₂e per metric ton of steel
- Metric tons of CO₂e per liter of product
- Metric tons CO₂e per passenger kilometer
- Metric tons CO₂e per unit hour worked
- Metric tons CO₂e per vehicle produced
- Metric tons CO₂e per unit FTE employee
- Metric tons CO₂e per ounce of platinum
- Metric tons CO₂e per USD(\$) value-added
- Metric tons CO₂e per metric ton of cement
- Grams CO₂e per revenue passenger kilometer
- Metric tons CO₂e per metric ton of product
- Metric tons CO₂e per metric ton of aluminum

- Metric tons CO2e per megawatt hour (MWh)
- Metric tons CO2e per unit of service provided
- Metric tons of CO2e per metric ton of aggregate
- Metric tons CO2e per metric ton of ore processed
- Metric tons CO2e per barrel of oil equivalent (BOE)
- Metric tons of CO2e per billion (currency) funds under management
- Metric tons CO2e per metric ton of cardboard
- Metric tons CO2e per unit revenue
- Other, please specify

(7.53.2.12) End date of base year

Date input [must be between 01/01/1900 - 10/01/2024]

(7.53.2.13) Intensity figure in base year for Scope 1 (metric tons CO2e per unit of activity)

0.000000432

(7.53.2.14) Intensity figure in base year for Scope 2 (metric tons CO2e per unit of activity)

0.000002878

(7.53.2.15) Intensity figure in base year for Scope 3, Category 1: Purchased goods and services (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.16) Intensity figure in base year for Scope 3, Category 2: Capital goods (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.17) Intensity figure in base year for Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.18) Intensity figure in base year for Scope 3, Category 4: Upstream transportation and distribution (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.19) Intensity figure in base year for Scope 3, Category 5: Waste generated in operations (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.20) Intensity figure in base year for Scope 3, Category 6: Business travel (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.21) Intensity figure in base year for Scope 3, Category 7: Employee commuting (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.22) Intensity figure in base year for Scope 3, Category 8: Upstream leased assets (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.23) Intensity figure in base year for Scope 3, Category 9: Downstream transportation and distribution (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.24) Intensity figure in base year for Scope 3, Category 10: Processing of sold products (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.25) Intensity figure in base year for Scope 3, Category 11: Use of sold products (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.26) Intensity figure in base year for Scope 3, Category 12: End-of-life treatment of sold products (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.27) Intensity figure in base year for Scope 3, Category 13: Downstream leased assets (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.28) Intensity figure in base year for Scope 3, Category 14: Franchises (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.29) Intensity figure in base year for Scope 3, Category 15: Investments (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.30) Intensity figure in base year for Scope 3, Other (upstream) (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.31) Intensity figure in base year for Scope 3, Other (downstream) (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.32) Intensity figure in base year for total Scope 3 (metric tons CO2e per unit of activity)

Auto calculated

(7.53.2.33) Intensity figure in base year for all selected Scopes (metric tons CO2e per unit of activity)

0.0000033100

(7.53.2.34) % of total base year emissions in Scope 1 covered by this Scope 1 intensity figure

100.0

(7.53.2.35) % of total base year emissions in Scope 2 covered by this Scope 2 intensity figure

100.0

(7.53.2.36) % of total base year emissions in Scope 3, Category 1: Purchased goods and services covered by this Scope 3, Category 1: Purchased goods and services intensity figure

Numeric input

(7.53.2.37) % of total base year emissions in Scope 3, Category 2: Capital goods covered by this Scope 3, Category 2: Capital goods intensity figure

Numeric input

(7.53.2.38) % of total base year emissions in Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) covered by this Scope 3, Category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2) intensity figure

Numeric input

(7.53.2.39) % of total base year emissions in Scope 3, Category 4: Upstream transportation and distribution covered by this Scope 3, Category 4: Upstream transportation and distribution intensity figure

Numeric input

(7.53.2.40) % of total base year emissions in Scope 3, Category 5: Waste generated in operations covered by this Scope 3, Category 5: Waste generated in operations intensity figure

Numeric input

(7.53.2.41) % of total base year emissions in Scope 3, Category 6: Business travel covered by this Scope 3, Category 6: Business travel intensity figure

Numeric input

(7.53.2.42) % of total base year emissions in Scope 3, Category 7: Employee commuting covered by this Scope 3, Category 7: Employee commuting intensity figure

Numeric input

(7.53.2.43) % of total base year emissions in Scope 3, Category 8: Upstream leased assets covered by this Scope 3, Category 8: Upstream leased assets intensity figure

Numeric input

(7.53.2.44) % of total base year emissions in Scope 3, Category 9: Downstream transportation and distribution covered by this Scope 3, Category 9: Downstream transportation and distribution intensity figure

Numeric input

(7.53.2.45) % of total base year emissions in Scope 3, Category 10: Processing of sold products covered by this Scope 3, Category 10: Processing of sold products intensity figure

Numeric input

(7.53.2.46) % of total base year emissions in Scope 3, Category 11: Use of sold products covered by this Scope 3, Category 11: Use of sold products intensity figure

Numeric input

(7.53.2.47) % of total base year emissions in Scope 3, Category 12: End-of-life treatment of sold products covered by this Scope 3, Category 12: End-of-life treatment of sold products intensity figure

Numeric input

(7.53.2.48) % of total base year emissions in Scope 3, Category 13: Downstream leased assets covered by this Scope 3, Category 13: Downstream leased assets intensity figure

Numeric input

(7.53.2.49) % of total base year emissions in Scope 3, Category 14: Franchises covered by this Scope 3, Category 14: Franchises intensity figure

Numeric input

(7.53.2.50) % of total base year emissions in Scope 3, Category 15: Investments covered by this Scope 3, Category 15: Investments intensity figure

Numeric input

(7.53.2.51) % of total base year emissions in Scope 3, Other (upstream) covered by this Scope 3, Other (upstream) intensity figure

Numeric input

(7.53.2.52) % of total base year emissions in Scope 3, Other (downstream) covered by this Scope 3, Other (downstream) intensity figure

Numeric input

(7.53.2.53) % of total base year emissions in Scope 3 (in all Scope 3 categories) covered by this total Scope 3 intensity figure

Numeric input

(7.53.2.54) % of total base year emissions in all selected Scopes covered by this intensity figure

100.0

(7.53.2.55) End date of target

Date input [must be between [01/01/2019 - 12/31/2100]

(7.53.2.56) Targeted reduction from base year (%)

Numeric input

(7.53.2.57) Intensity figure at end date of target for all selected Scopes (metric tons CO2e per unit of activity)

Auto calculated

(7.53.2.58) % change anticipated in absolute Scope 1+2 emissions

Numeric input [must be between [-999 - 999]

(7.53.2.59) % change anticipated in absolute Scope 3 emissions

Numeric input [must be between [-999 - 999]

(7.53.2.60) Intensity figure in reporting year for Scope 1 (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.61) Intensity figure in reporting year for Scope 2 (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.62) Intensity figure in reporting year for Scope 3, Category 1: Purchased goods and services (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.63) Intensity figure in reporting year for Scope 3, Category 2: Capital goods (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.64) Intensity figure in reporting year for Scope 3, Category 3: Fuel- and energy-related activities (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.65) Intensity figure in reporting year for Scope 3, Category 4: Upstream transportation and distribution (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.66) Intensity figure in reporting year for Scope 3, Category 5: Waste generated in operations (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.67) Intensity figure in reporting year for Scope 3, Category 6: Business travel (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.68) Intensity figure in reporting year for Scope 3, Category 7: Employee commuting (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.69) Intensity figure in reporting year for Scope 3, Category 8: Upstream leased assets (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.70) Intensity figure in reporting year for Scope 3, Category 9: Downstream transportation and distribution (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.71) Intensity figure in reporting year for Scope 3, Category 10: Processing of sold products (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.72) Intensity figure in reporting year for Scope 3, Category 11: Use of sold products (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.73) Intensity figure in reporting year for Scope 3, Category 12: End-of-life treatment of sold products (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.74) Intensity figure in reporting year for Scope 3, Category 13: Downstream leased assets (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.75) Intensity figure in reporting year for Scope 3, Category 14: Franchises (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.76) Intensity figure in reporting year for Scope 3, Category 15: Investments (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.77) Intensity figure in reporting year for Scope 3, Other (upstream) (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.78) Intensity figure in reporting year for Scope 3, Other (downstream) (metric tons CO2e per unit of activity)

Numeric input

(7.53.2.79) Intensity figure in reporting year for total Scope 3 (metric tons CO2e per unit of activity)

Auto calculated

(7.53.2.80) Intensity figure in reporting year for all selected Scopes (metric tons CO2e per unit of activity)

0.0000000000

(7.53.2.81) Land-related emissions covered by target

Select from:

- Yes, it covers land-related emissions only (e.g. FLAG SBT)
- Yes, it covers land-related and non-land related emissions (e.g. SBT approved before the release of FLAG target-setting guidance)
- Yes, it covers land-related emissions/removals associated with bioenergy and non-land related emissions (e.g. non-FLAG SBT with bioenergy)
- No, it does not cover any land-related emissions (e.g. non-FLAG SBT)

(7.53.2.82) % of target achieved relative to base year

Auto calculated

(7.53.2.83) Target status in reporting year

Select from:

- | | |
|-----------------------------------|--|
| <input type="checkbox"/> New | <input type="checkbox"/> Achieved |
| <input type="checkbox"/> Expired | <input type="checkbox"/> Replaced |
| <input type="checkbox"/> Revised | <input type="checkbox"/> Achieved and maintained |
| <input type="checkbox"/> Retired | |
| <input type="checkbox"/> Underway | |

(7.53.2.84) Explain the reasons for the revision, replacement, or retirement of the target

Rich text input [must be under 2500 characters]

(7.53.2.85) Explain target coverage and identify any exclusions

Rich text input [must be under 5000 characters]

(7.53.2.86) Target objective

Rich text input [must be under 1500 characters]

(7.53.2.87) Plan for achieving target, and progress made to the end of the reporting year

Rich text input [must be under 2400 characters]

(7.53.2.88) Target derived using a sectoral decarbonization approach

Select from:

Yes

No

(7.53.2.89) List the emissions reduction initiatives which contributed most to achieving this target

Rich text input [must be under 2400 characters]

[Add row]

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none">• Financial services• Oil & Gas• Coal• General• Capital goods	<ul style="list-style-type: none">• ESRS 2• NZAM Commitment 1• IFRS S2 33• TCFD Metrics and Targets C• IFRS S2 34	<ul style="list-style-type: none">• Climate Change

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none"> • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • IFRS S2 14 • IFRS S2 35 • ESRS E1 • IFRS S2 36 	

(7.53.3) Explain why you did not have an emissions target, and forecast how your emissions will change over the next five years.

(7.53.3.1) Primary reason

Select from:

- Lack of internal resources
- No instruction from management
- Insufficient data on operations
- Judged to be unimportant, explanation provided
- Important but not an immediate business priority
- We are planning to introduce a target in the next two years
- Other, please specify

(7.53.3.2) Five-year forecast

Rich text input [must be under 2400 characters]

(7.53.3) Please explain

Rich text input [must be under 2400 characters]
[Fixed row]

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none">• Financial services• Oil & Gas• Coal• General• Capital goods• Transport OEMS - EPM• Chemicals• Metals & mining• Transport services• Steel• Agricultural commodities• Electric utilities• Transport OEMS• Cement• Food, beverage & tobacco• Paper & forestry• Real estate• Construction	<ul style="list-style-type: none">• ESRS 2• ESRS E1	<ul style="list-style-type: none">• Climate Change

(7.54) Did you have any other climate-related targets that were active in the reporting year?

Select all that apply

Targets to increase or maintain low-carbon energy consumption or production

- Targets to reduce methane emissions
- Net-zero targets
- Other climate-related targets
- No other climate-related targets

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • TCFD Metrics and Targets A • TCFD Metrics and Targets C 	<ul style="list-style-type: none"> • Climate Change

(7.54.1) Provide details of your targets to increase or maintain low-carbon energy consumption or production.

Row 1

(7.54.1.1) Target reference number

Select from:

- Low 1
- Low 2
- Low 3
- Low 4
- Low 5
- Low 11
- Low 12
- Low 13
- Low 14
- Low 15
- Low 21
- Low 22
- Low 23
- Low 24
- Low 25
- Low 31
- Low 32
- Low 33
- Low 34
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- Low 86
- Low 87
- Low 88
- Low 89
- Low 90
- Low 96
- Low 97
- Low 98
- Low 99
- Low 100

(7.54.1.2) Date target was set

Date input [must be between 01/01/1900 - 10/01/2024]

(7.54.1.3) Target coverage

Select from:

- Suppliers
- Product level

- Organization-wide
- Country/area/region

- Site/facility
- Business activity
- Business division

Other, please specify

(7.54.1.4) Target type: energy carrier

Select from:

- Heat
- Steam
- Cooling
- Electricity
- All energy carriers

Other, please specify

(7.54.1.5) Target type: activity

Select from:

- Consumption
- Production

(7.54.1.6) Target type: energy source

Select from:

- Low-carbon energy source(s)
- Renewable energy source(s) only

(7.54.1.7) End date of base year

Date input [must be between 01/01/1900 - 10/01/2024]

(7.54.1.8) Consumption or production of selected energy carrier in base year (MWh)

Numeric input

(7.54.1.9) % share of low-carbon or renewable energy in base year

Numeric input

(7.54.1.10) End date of target

Date input [must be between 01/01/2019 - 12/31/2100]

(7.54.1.11) % share of low-carbon or renewable energy at end date of target

Numeric input

(7.54.1.12) % share of low-carbon or renewable energy in reporting year

Numeric input

(7.54.1.13) % of target achieved relative to base year

Auto calculated

(7.54.1.14) Target status in reporting year

Select from:

- | | |
|-----------------------------------|--|
| <input type="checkbox"/> New | <input type="checkbox"/> Achieved |
| <input type="checkbox"/> Expired | <input type="checkbox"/> Replaced |
| <input type="checkbox"/> Revised | <input type="checkbox"/> Achieved and maintained |
| <input type="checkbox"/> Retired | |
| <input type="checkbox"/> Underway | |

(7.54.1.15) Explain the reasons for the revision, replacement, or retirement of the target

Rich text input [must be under 2400 characters]

(7.54.1.16) Is this target part of an emissions target?

Rich text input [must be under 2400 characters]

(7.54.1.17) Is this target part of an overarching initiative?

Select all that apply

- RE100
- Science Based Targets initiative
- No, it's not part of an overarching initiative
- Other, please specify

(7.54.1.18) Science Based Targets initiative official validation letter

Attachment input [number of attachment 1]

(7.54.1.19) Explain target coverage and identify any exclusions

Rich text input [must be under 2400 characters]

(7.54.1.20) Target objective

Rich text input [must be under 1500 characters]

(7.54.1.21) Plan for achieving target, and progress made to the end of the reporting year

Rich text input [must be under 2500 characters]

(7.54.1.22) List the actions which contributed most to achieving this target

Rich text input [must be under 2500 characters]

Row 2

(7.54.1.1) Target reference number

Select from:

- Low 1
 - Low 2
 - Low 6
 - Low 7
- 900

- Low 3
- Low 4
- Low 5
- Low 11
- Low 12
- Low 13
- Low 14
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- Low 97
- Low 98
- Low 99
- Low 100

(7.54.1.2) Date target was set

Date input [must be between [01/01/1900 - 10/01/2024]

(7.54.1.3) Target coverage

Select from:

- Suppliers
- Product level
- Site/facility
- Business activity
- Business division
- Organization-wide
- Country/area/region
- Other, please specify

(7.54.1.4) Target type: energy carrier

Select from:

- Heat
- Steam
- Cooling
- Electricity
- All energy carriers
- Other, please specify

(7.54.1.5) Target type: activity

Select from:

- Consumption
- Production

(7.54.1.6) Target type: energy source

Select from:

- Low-carbon energy source(s)
- Renewable energy source(s) only

(7.54.1.7) End date of base year

Date input [must be between [01/01/1900 - 10/01/2024]

(7.54.1.8) Consumption or production of selected energy carrier in base year (MWh)

Numeric input

(7.54.1.9) % share of low-carbon or renewable energy in base year

Numeric input

(7.54.1.10) End date of target

Date input [must be between [01/01/2019 - 12/31/2100]

(7.54.1.11) % share of low-carbon or renewable energy at end date of target

Numeric input

(7.54.1.12) % share of low-carbon or renewable energy in reporting year

Numeric input

(7.54.1.13) % of target achieved relative to base year

Auto calculated

(7.54.1.14) Target status in reporting year

Select from:

- | | |
|-----------------------------------|--|
| <input type="checkbox"/> New | <input type="checkbox"/> Achieved |
| <input type="checkbox"/> Expired | <input type="checkbox"/> Replaced |
| <input type="checkbox"/> Revised | <input type="checkbox"/> Achieved and maintained |
| <input type="checkbox"/> Retired | |
| <input type="checkbox"/> Underway | |

(7.54.1.15) Explain the reasons for the revision, replacement, or retirement of the target

Rich text input [must be under 2400 characters]

(7.54.1.16) Is this target part of an emissions target?

Rich text input [must be under 2400 characters]

(7.54.1.17) Is this target part of an overarching initiative?

Select all that apply

- RE100

- Science Based Targets initiative
- No, it's not part of an overarching initiative
- Other, please specify

(7.54.1.18) Science Based Targets initiative official validation letter

Attachment input [number of attachment 1]

(7.54.1.19) Explain target coverage and identify any exclusions

Rich text input [must be under 2400 characters]

(7.54.1.20) Target objective

Rich text input [must be under 1500 characters]

(7.54.1.21) Plan for achieving target, and progress made to the end of the reporting year

Rich text input [must be under 2500 characters]

(7.54.1.22) List the actions which contributed most to achieving this target

Rich text input [must be under 2500 characters]

[Add row]

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals 	<ul style="list-style-type: none"> • ESRS 2 • TCFD Metrics and Targets A • IFRS S2 33 • TCFD Metrics and Targets C • IFRS S2 34 • IFRS S2 14 • IFRS S2 35 	<ul style="list-style-type: none"> • Climate Change

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none"> • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • ESRS E1 • RE100_Framework_Alignment 	

(7.54.2) Provide details of any other climate-related targets, including methane reduction targets.

Row 1

(7.54.2.1) Target reference number

Select from:

- | | |
|---------------------------------|---------------------------------|
| <input type="checkbox"/> Oth 1 | <input type="checkbox"/> Oth 6 |
| <input type="checkbox"/> Oth 2 | <input type="checkbox"/> Oth 7 |
| <input type="checkbox"/> Oth 3 | <input type="checkbox"/> Oth 8 |
| <input type="checkbox"/> Oth 4 | <input type="checkbox"/> Oth 9 |
| <input type="checkbox"/> Oth 5 | <input type="checkbox"/> Oth 10 |
| <input type="checkbox"/> Oth 11 | <input type="checkbox"/> Oth 16 |
| <input type="checkbox"/> Oth 12 | <input type="checkbox"/> Oth 17 |
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(7.54.2.2) Date target was set

Date input [must be between 01/01/1900 - 10/01/2024]

(7.54.2.3) Target coverage

Select from:

- Suppliers
- Product level
- Site/facility
- Business division
- Organization-wide
- Country/area/region
- Other, please specify
- Business activity

(7.54.2.4) Target type: absolute or intensity

Select from:

- Absolute
- Intensity

(7.54.2.5) Target type: category & Metric (target numerator if reporting an intensity target)

Energy productivity

- GDP
- kilometers
- square feet
- square meters
- ounces of gold
- metric tons of steel
- passenger kilometers
- megawatt hours (MWh)
- metric tons of cement
- metric tons of product
- revenue passenger kilometers
- ton of oil equivalents (TOE)
- ton of coal equivalents (TCE)
- barrel of oil equivalents (BOE)
- Other, energy productivity, please specify

Energy consumption or efficiency

- GJ
- kWh
- MWh
- boe
- toe
- units of revenue
- liters of product
- USD(\$) value-added
- ounces of platinum
- units of production
- metric tons of aluminum
- metric tons of aggregate
- metric tons of cardboard
- units of service provided
- metric tons of ore processed
- tce
- Gcal
- million Btu
- Other energy consumption or efficiency, please specify

Renewable fuel production

- metric tons of solid biomass
- liters of liquid biofuel
- cubic meters of biogas
- cubic meters of hydrogen
- Other renewable fuel production, please specify

Renewable fuel consumption

- cubic meters of biogas
- liters of liquid biofuel
- cubic meters of hydrogen
- metric tons of solid biomass
- Percentage of total fuel consumption that is from renewable sources

Waste management

- metric tons of waste reused
- metric tons of waste recycled
- metric tons of waste generated
- metric tons of waste diverted from landfill
- Percentage of total waste generated that is recycled

Resource consumption or efficiency

- metric tons of paper consumed
- metric tons of plastic consumed
- metric tons of packaging consumed
- Percentage of plastic from recycled sources
- Percentage of paper from recycled or certified sustainable sources

Net emissions target

- Net metric tons CO2e
- Other net emissions target, please specify

Low-carbon vehicles

- Percentage of low-carbon vehicles sold
- Percentage of company fleet using biofuel
- Percentage of plug-in hybrids in company fleet
- Percentage of low-carbon vehicles in company fleet
- Percentage of conventional hybrids in company fleet

- Other renewable fuel consumption, please specify

- Percentage of sites operating at zero-waste to landfill
- Other waste management, please specify

- Percentage of packaging from recycled or certified sustainable sources
- Other resource consumption or efficiency, please specify

- Percentage of battery electric vehicles in company fleet
- Percentage of fuel cell electric vehicles in company fleet
- Percentage of company facilities with electric vehicle infrastructure
- Other low-carbon vehicles, please specify

Low-carbon buildings

- Percentage of net zero carbon buildings
- Percentage of net zero energy buildings
- Percentage of buildings with a green building certificate
- Other low-carbon buildings, please specify

Low-carbon products

- Percentage of revenue from low-carbon products
- Percentage of products with low-carbon packaging
- Total sales revenue from low-carbon products (in currency)
- Percentage of low-carbon products in organization's portfolio
- Percentage of products made from recycled or certified sustainable materials
- Other low-carbon products, please specify

Land use change

- hectares reforested
- hectares afforested
- hectares restored
- Percent of value chain compliant with zero gross deforestation
- Other land use change, please specify

Beyond Value Chain Mitigation target

- GHG emissions reductions and removals
- Volume of finance deployed to BVCM
- Share of revenue deployed to BVCM
- Share of profit deployed to BVCM

Methane reduction target

- Methane leakage rate (%)
- Total methane emissions in m3
- cubic meters of methane vented
- cubic meters of methane leaked
- cubic meters of methane flared
- Total methane emissions in CO2e
- Other methane reduction target, please specify

Fossil fuel reduction target

- cubic meters of natural gas consumed
- metric tons of coal consumed
- barrels of oil consumed
- Percentage of fossil fuels in the fuel mix
- Other fossil fuel reduction target, please specify

Engagement with suppliers

- Percentage of suppliers (by emissions) with a science-based target
- Percentage of suppliers (by emissions) actively engaged on climate-related issues
- Percentage of suppliers (by emissions) disclosing their GHG emissions
- Percentage of suppliers (by procurement spend) setting emissions reductions targets
- Percentage of suppliers (by emissions) setting emissions reduction targets
- Percentage of suppliers (by procurement spend) actively engaged on climate-related issues
- Percentage of suppliers (by procurement spend) with a science-based target
- Other engagement with suppliers, please specify
- Percentage of suppliers (by procurement spend) disclosing their GHG emissions

Engagement with customers

- Percentage of customers (by emissions) disclosing their GHG emissions
- Percentage of customers (by emissions) setting emissions reduction targets
- Percentage of customers (by emissions) with a science-based target
- Percentage of customers (by emissions) actively engaged on climate-related issues
- Other engagement with customers, please specify

R&D investments

- Percentage of annual revenue invested in R&D of low-carbon products/services
- Capital invested in R&D of low-carbon products/services (in currency)
- Percentage of R&D budget/portfolio dedicated to low-carbon products/services
- Other R&D investments, please specify

Green finance

- Percentage of green bonds
- Percentage of green investments
- Percentage of green debt instruments
- Green investments (denominated in currency)
- Total amount of green bonds outstanding (green bond ratio)
- Green finance raised and facilitated (denominated in currency)
- Total amount of green debt instruments outstanding (green debt ratio)
- Other green finance, please specify

(7.54.2.6) Target denominator (intensity targets only)

Select from:

- GJ
- KWh
- MWh
- Btu
- boe
- kilometer
- square foot
- square meter
- unit revenue
- ounce of gold
- ounce of platinum
- USD(\$) value-added
- unit of production
- metric ton of steel
- passenger kilometer
- metric ton of cardboard
- metric ton of aggregate
- unit of service provided
- revenue passenger kilometer
- metric ton of ore processed
- toe
- tce
- Gcal
- year
- hectare
- liter of fuel
- unit hour worked
- liter of product
- vehicle produced
- unit FTE employee
- megawatt hour (MWh)
- metric ton of waste
- metric ton of cement
- metric ton of product
- metric ton of aluminum
- barrel of oil equivalent (BOE)
- billion (currency) funds under management
- total amount of debt outstanding at the end of the reporting period
- total amount of bonds outstanding at the end of the reporting period
- Other, please specify

(7.54.2.7) End date of base year

Date input [must be between 01/01/1900 - 10/01/2024]

(7.54.2.8) Figure or percentage in base year

Numeric input

(7.54.2.9) End date of target

Date input [must be between 01/01/2019 - 12/31/2100]

(7.54.2.10) Figure or percentage at end of date of target

Numeric input

(7.54.2.11) Figure or percentage in reporting year

Numeric input

(7.54.2.12) % of target achieved relative to base year

Auto calculated

(7.54.2.13) Target status in reporting year

Select from:

- | | |
|-----------------------------------|--|
| <input type="checkbox"/> New | <input type="checkbox"/> Achieved |
| <input type="checkbox"/> Expired | <input type="checkbox"/> Replaced |
| <input type="checkbox"/> Revised | <input type="checkbox"/> Achieved and maintained |
| <input type="checkbox"/> Retired | |
| <input type="checkbox"/> Underway | |

(7.54.2.14) Explain the reasons for the revision, replacement, or retirement of the target

Rich text input [must be under 2400 characters]

(7.54.2.15) Is this target part of an emissions target?

Rich text input [must be under 2400 characters]

(7.54.2.16) Is this target part of an overarching initiative?

Select all that apply

- EP100
- EV100
- Remove deforestation
- Below50 – sustainable fuels
- Reduce short-lived climate pollutants
- Other, please specify
- Low-Carbon Technology Partnerships initiative
- No, it's not part of an overarching initiative
- Science Based targets initiative - approved other
- Science Based Targets initiative – approved supplier engagement target
- Science Based Targets initiative – approved customer engagement target

(7.54.2.17) Science Based Targets initiative official validation letter

Attachment input [number of attachment 1]

(7.54.2.18) Please explain target coverage and identify any exclusions

Rich text input [must be under 2400 characters]

(7.54.2.19) Target objective

Rich text input [must be under 1500 characters]

(7.54.2.20) Plan for achieving target, and progress made to the end of the reporting year

Rich text input [must be under 2500 characters]

(7.54.2.21) List the actions which contributed most to achieving this target

Rich text input [must be under 2500 characters]

Row 2

(7.54.2.1) Target reference number

Select from:

- | | |
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| <input type="checkbox"/> Oth 1 | <input type="checkbox"/> Oth 6 |
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(7.54.2.2) Date target was set

Date input [must be between [01/01/1900 - 10/01/2024]

(7.54.2.3) Target coverage

Select from:

- Suppliers
- Product level
- Site/facility
- Business division
- Organization-wide
- Business activity
- Country/area/region
- Other, please specify

(7.54.2.4) Target type: absolute or intensity

Select from:

- Absolute
- Intensity

(7.54.2.5) Target type: category & Metric (target numerator if reporting an intensity target)

Energy productivity

- GDP
- kilometers
- square feet
- square meters
- ounces of gold
- metric tons of steel
- passenger kilometers
- megawatt hours (MWh)
- metric tons of cement
- metric tons of product
- revenue passenger kilometers
- ton of oil equivalents (TOE)
- ton of coal equivalents (TCE)
- barrel of oil equivalents (BOE)
- Other, energy productivity, please specify
- units of revenue
- liters of product
- USD(\$) value-added
- ounces of platinum
- units of production
- metric tons of aluminum
- metric tons of aggregate
- metric tons of cardboard
- units of service provided
- metric tons of ore processed

Energy consumption or efficiency

- GJ
- kWh
- MWh
- boe
- toe
- tce
- Gcal
- million Btu
- Other energy consumption or efficiency, please specify

Renewable fuel production

- metric tons of solid biomass
- liters of liquid biofuel
- cubic meters of biogas
- cubic meters of hydrogen
- Other renewable fuel production, please specify

Renewable fuel consumption

- cubic meters of biogas
- liters of liquid biofuel
- cubic meters of hydrogen
- metric tons of solid biomass
- Percentage of total fuel consumption that is from renewable sources
- Other renewable fuel consumption, please specify

Waste management

- metric tons of waste reused
- metric tons of waste recycled
- metric tons of waste generated
- metric tons of waste diverted from landfill
- Percentage of total waste generated that is recycled
- Percentage of sites operating at zero-waste to landfill
- Other waste management, please specify

Resource consumption or efficiency

- metric tons of paper consumed
- metric tons of plastic consumed
- metric tons of packaging consumed
- Percentage of packaging from recycled or certified sustainable sources
- Other resource consumption or efficiency, please specify

- Percentage of plastic from recycled sources
- Percentage of paper from recycled or certified sustainable sources

Net emissions target

- Net metric tons CO2e
- Other net emissions target, please specify

Low-carbon vehicles

- Percentage of low-carbon vehicles sold
- Percentage of company fleet using biofuel
- Percentage of plug-in hybrids in company fleet
- Percentage of low-carbon vehicles in company fleet
- Percentage of conventional hybrids in company fleet
- Percentage of battery electric vehicles in company fleet
- Percentage of fuel cell electric vehicles in company fleet
- Percentage of company facilities with electric vehicle infrastructure
- Other low-carbon vehicles, please specify

Low-carbon buildings

- Percentage of net zero carbon buildings
- Percentage of net zero energy buildings
- Percentage of buildings with a green building certificate
- Other low-carbon buildings, please specify

Low-carbon products

- Percentage of revenue from low-carbon products
- Percentage of products with low-carbon packaging
- Total sales revenue from low-carbon products (in currency)
- Percentage of low-carbon products in organization's portfolio
- Percentage of products made from recycled or certified sustainable materials
- Other low-carbon products, please specify

Land use change

- hectares reforested
- hectares afforested
- hectares restored
- Percent of value chain compliant with zero gross deforestation

Other land use change, please specify

Beyond Value Chain Mitigation target

GHG emissions reductions and removals

Volume of finance deployed to BVCM

Share of revenue deployed to BVCM

Share of profit deployed to BVCM

Methane reduction target

Methane leakage rate (%)

Total methane emissions in m3

cubic meters of methane vented

cubic meters of methane leaked

cubic meters of methane flared

Total methane emissions in CO2e

Other methane reduction target, please specify

Fossil fuel reduction target

cubic meters of natural gas consumed

metric tons of coal consumed

barrels of oil consumed

Percentage of fossil fuels in the fuel mix

Other fossil fuel reduction target, please specify

Engagement with suppliers

Percentage of suppliers (by emissions) with a science-based target issues

Percentage of suppliers (by emissions) actively engaged on climate-related issues

Percentage of suppliers (by emissions) disclosing their GHG emissions targets

Percentage of suppliers (by procurement spend) setting emissions reductions targets

Percentage of suppliers (by emissions) setting emissions reduction targets climate-related issues

Percentage of suppliers (by procurement spend) actively engaged on climate-related issues

Percentage of suppliers (by procurement spend) with a science-based target

Other engagement with suppliers, please specify

Percentage of suppliers (by procurement spend) disclosing their GHG emissions

Engagement with customers

- Percentage of customers (by emissions) disclosing their GHG emissions
- Percentage of customers (by emissions) setting emissions reduction targets
- Percentage of customers (by emissions) with a science-based target
- Percentage of customers (by emissions) actively engaged on climate-related issues
- Other engagement with customers, please specify

R&D investments

- Percentage of annual revenue invested in R&D of low-carbon products/services
- Capital invested in R&D of low-carbon products/services (in currency)
- Percentage of R&D budget/portfolio dedicated to low-carbon products/services
- Other R&D investments, please specify

Green finance

- Percentage of green bonds
- Percentage of green investments
- Percentage of green debt instruments
- Green investments (denominated in currency)
- Total amount of green bonds outstanding (green bond ratio)
- Green finance raised and facilitated (denominated in currency)
- Total amount of green debt instruments outstanding (green debt ratio)
- Other green finance, please specify

(7.54.2.6) Target denominator (intensity targets only)

Select from:

- GJ
- KWh
- MWh
- Btu
- boe
- kilometer
- square foot
- square meter
- toe
- tce
- Gcal
- year
- hectare
- liter of fuel
- unit hour worked
- liter of product

- unit revenue
- ounce of gold
- ounce of platinum
- USD(\$) value-added
- unit of production
- metric ton of steel
- passenger kilometer
- metric ton of cardboard
- metric ton of aggregate
- unit of service provided
- revenue passenger kilometer
- metric ton of ore processed

- vehicle produced
- unit FTE employee
- megawatt hour (MWh)
- metric ton of waste
- metric ton of cement
- metric ton of product
- metric ton of aluminum
- barrel of oil equivalent (BOE)
- billion (currency) funds under management
- total amount of debt outstanding at the end of the reporting period
- total amount of bonds outstanding at the end of the reporting period
- Other, please specify

(7.54.2.7) End date of base year

Date input [must be between [01/01/1900 - 10/01/2024]

(7.54.2.8) Figure or percentage in base year

Numeric input

(7.54.2.9) End date of target

Date input [must be between [01/01/2019 - 12/31/2100]

(7.54.2.10) Figure or percentage at end of date of target

Numeric input

(7.54.2.11) Figure or percentage in reporting year

Numeric input

(7.54.2.12) % of target achieved relative to base year

Auto calculated

(7.54.2.13) Target status in reporting year

Select from:

- New
- Expired
- Revised
- Retired
- Underway
- Achieved
- Replaced
- Achieved and maintained

(7.54.2.14) Explain the reasons for the revision, replacement, or retirement of the target

Rich text input [must be under 2400 characters]

(7.54.2.15) Is this target part of an emissions target?

Rich text input [must be under 2400 characters]

(7.54.2.16) Is this target part of an overarching initiative?

Select all that apply

- EP100
- EV100
- Remove deforestation
- Below50 – sustainable fuels
- Reduce short-lived climate pollutants
- Other, please specify
- Low-Carbon Technology Partnerships initiative
- No, it's not part of an overarching initiative
- Science Based targets initiative - approved other
- Science Based Targets initiative – approved supplier engagement target
- Science Based Targets initiative – approved customer engagement target

(7.54.2.17) Science Based Targets initiative official validation letter

Attachment input [number of attachment 1]

(7.54.2.18) Please explain target coverage and identify any exclusions

Rich text input [must be under 2400 characters]

(7.54.2.19) Target objective

Rich text input [must be under 1500 characters]

(7.54.2.20) Plan for achieving target, and progress made to the end of the reporting year

Rich text input [must be under 2500 characters]

(7.54.2.21) List the actions which contributed most to achieving this target

Rich text input [must be under 2500 characters]

Row 3

(7.54.2.1) Target reference number

Select from:

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(7.54.2.2) Date target was set

Date input [must be between 01/01/1900 - 10/01/2024]

(7.54.2.3) Target coverage

Select from:

- Suppliers
- Product level
- Site/facility
- Business division
- Organization-wide
- Business activity
- Country/area/region
- Other, please specify

(7.54.2.4) Target type: absolute or intensity

Select from:

- Absolute
- Intensity

(7.54.2.5) Target type: category & Metric (target numerator if reporting an intensity target)

Energy productivity

- GDP
- kilometers
- square feet
- square meters
- units of revenue
- liters of product
- USD(\$) value-added
- ounces of platinum

- ounces of gold
- metric tons of steel
- passenger kilometers
- megawatt hours (MWh)
- metric tons of cement
- metric tons of product
- revenue passenger kilometers
- ton of oil equivalents (TOE)
- ton of coal equivalents (TCE)
- barrel of oil equivalents (BOE)
- Other, energy productivity, please specify

Energy consumption or efficiency

- GJ
- kWh
- MWh
- boe
- toe
- units of production
- metric tons of aluminum
- metric tons of aggregate
- metric tons of cardboard
- units of service provided
- metric tons of ore processed
- tce
- Gcal
- million Btu
- Other energy consumption or efficiency, please specify

Renewable fuel production

- metric tons of solid biomass
- liters of liquid biofuel
- cubic meters of biogas
- cubic meters of hydrogen
- Other renewable fuel production, please specify

Renewable fuel consumption

- cubic meters of biogas
- liters of liquid biofuel
- cubic meters of hydrogen
- metric tons of solid biomass
- Other renewable fuel consumption, please specify

Percentage of total fuel consumption that is from renewable sources

Waste management

metric tons of waste reused

metric tons of waste recycled

metric tons of waste generated

metric tons of waste diverted from landfill

Percentage of total waste generated that is recycled

Percentage of sites operating at zero-waste to landfill

Other waste management, please specify

Resource consumption or efficiency

metric tons of paper consumed

metric tons of plastic consumed

metric tons of packaging consumed

Percentage of plastic from recycled sources

Percentage of paper from recycled or certified sustainable sources

Percentage of packaging from recycled or certified sustainable sources

Other resource consumption or efficiency, please specify

Net emissions target

Net metric tons CO2e

Other net emissions target, please specify

Low-carbon vehicles

Percentage of low-carbon vehicles sold

Percentage of company fleet using biofuel

Percentage of plug-in hybrids in company fleet

Percentage of low-carbon vehicles in company fleet

Percentage of conventional hybrids in company fleet

Percentage of battery electric vehicles in company fleet

Percentage of fuel cell electric vehicles in company fleet

Percentage of company facilities with electric vehicle infrastructure

Other low-carbon vehicles, please specify

Low-carbon buildings

Percentage of net zero carbon buildings

Percentage of net zero energy buildings

Percentage of buildings with a green building certificate

Other low-carbon buildings, please specify

Low-carbon products

- Percentage of revenue from low-carbon products
- Percentage of products with low-carbon packaging
- Total sales revenue from low-carbon products (in currency)
- Percentage of low-carbon products in organization's portfolio
- Percentage of products made from recycled or certified sustainable materials
- Other low-carbon products, please specify

Land use change

- hectares reforested
- hectares afforested
- hectares restored
- Percent of value chain compliant with zero gross deforestation
- Other land use change, please specify

Beyond Value Chain Mitigation target

- GHG emissions reductions and removals
- Volume of finance deployed to BVCM
- Share of revenue deployed to BVCM
- Share of profit deployed to BVCM

Methane reduction target

- Methane leakage rate (%)
- Total methane emissions in m3
- cubic meters of methane vented
- cubic meters of methane leaked
- cubic meters of methane flared
- Total methane emissions in CO2e
- Other methane reduction target, please specify

Fossil fuel reduction target

- cubic meters of natural gas consumed
- metric tons of coal consumed
- barrels of oil consumed

- Percentage of fossil fuels in the fuel mix
- Other fossil fuel reduction target, please specify

Engagement with suppliers

- Percentage of suppliers (by emissions) with a science-based target
- Percentage of suppliers (by emissions) disclosing their GHG emissions
- Percentage of suppliers (by emissions) setting emissions reduction targets
- Percentage of suppliers (by procurement spend) with a science-based target
- Percentage of suppliers (by procurement spend) disclosing their GHG emissions
- Percentage of suppliers (by emissions) actively engaged on climate-related issues
- Percentage of suppliers (by procurement spend) setting emissions reductions targets
- Percentage of suppliers (by procurement spend) actively engaged on climate-related issues
- Other engagement with suppliers, please specify

Engagement with customers

- Percentage of customers (by emissions) disclosing their GHG emissions
- Percentage of customers (by emissions) setting emissions reduction targets
- Percentage of customers (by emissions) with a science-based target
- Percentage of customers (by emissions) actively engaged on climate-related issues
- Other engagement with customers, please specify

R&D investments

- Percentage of annual revenue invested in R&D of low-carbon products/services
- Capital invested in R&D of low-carbon products/services (in currency)
- Percentage of R&D budget/portfolio dedicated to low-carbon products/services
- Other R&D investments, please specify

Green finance

- Percentage of green bonds
- Percentage of green investments
- Percentage of green debt instruments
- Green investments (denominated in currency)
- Total amount of green bonds outstanding (green bond ratio)
- Green finance raised and facilitated (denominated in currency)
- Total amount of green debt instruments outstanding (green debt ratio)
- Other green finance, please specify

(7.54.2.6) Target denominator (intensity targets only)

Select from:

- GJ
- KWh
- MWh
- Btu
- boe
- kilometer
- square foot
- square meter
- unit revenue
- ounce of gold
- ounce of platinum
- USD(\$) value-added
- unit of production
- metric ton of steel
- passenger kilometer
- metric ton of cardboard
- metric ton of aggregate
- unit of service provided
- revenue passenger kilometer
- metric ton of ore processed
- toe
- tce
- Gcal
- year
- hectare
- liter of fuel
- unit hour worked
- liter of product
- vehicle produced
- unit FTE employee
- megawatt hour (MWh)
- metric ton of waste
- metric ton of cement
- metric ton of product
- metric ton of aluminum
- barrel of oil equivalent (BOE)
- billion (currency) funds under management
- total amount of debt outstanding at the end of the reporting period
- total amount of bonds outstanding at the end of the reporting period
- Other, please specify

(7.54.2.7) End date of base year

Date input [must be between 01/01/1900 - 10/01/2024]

(7.54.2.8) Figure or percentage in base year

Numeric input

(7.54.2.9) End date of target

Date input [must be between 01/01/2019 - 12/31/2100]

(7.54.2.10) Figure or percentage at end of date of target

Numeric input

(7.54.2.11) Figure or percentage in reporting year

Numeric input

(7.54.2.12) % of target achieved relative to base year

Auto calculated

(7.54.2.13) Target status in reporting year

Select from:

- | | |
|-----------------------------------|--|
| <input type="checkbox"/> New | <input type="checkbox"/> Achieved |
| <input type="checkbox"/> Expired | <input type="checkbox"/> Replaced |
| <input type="checkbox"/> Revised | <input type="checkbox"/> Achieved and maintained |
| <input type="checkbox"/> Retired | |
| <input type="checkbox"/> Underway | |

(7.54.2.14) Explain the reasons for the revision, replacement, or retirement of the target

Rich text input [must be under 2400 characters]

(7.54.2.15) Is this target part of an emissions target?

Rich text input [must be under 2400 characters]

(7.54.2.16) Is this target part of an overarching initiative?

Select all that apply

- EP100
- EV100
- Remove deforestation
- Below50 – sustainable fuels
- Reduce short-lived climate pollutants
- Other, please specify
- Low-Carbon Technology Partnerships initiative
- No, it's not part of an overarching initiative
- Science Based targets initiative - approved other
- Science Based Targets initiative – approved supplier engagement target
- Science Based Targets initiative – approved customer engagement target

(7.54.2.17) Science Based Targets initiative official validation letter

Attachment input [number of attachment 1]

(7.54.2.18) Please explain target coverage and identify any exclusions

Rich text input [must be under 2400 characters]

(7.54.2.19) Target objective

Rich text input [must be under 1500 characters]

(7.54.2.20) Plan for achieving target, and progress made to the end of the reporting year

Rich text input [must be under 2500 characters]

(7.54.2.21) List the actions which contributed most to achieving this target

Rich text input [must be under 2500 characters]

[Add row]

Questionnaire sector	Framework Alignment	Environmental Issue
• Financial services	• ESRS 2	• Climate Change

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none"> • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • TCFD Metrics and Targets A • IFRS S2 33 • TCFD Metrics and Targets C • IFRS S2 34 • IFRS S2 14 • IFRS S2 35 • ESRS E1 • IFRS S2 36 	

(7.54.3) Provide details of your net-zero target(s).

Row 1

(7.54.3.1) Target reference number

Select from:

- | | |
|------------------------------|------------------------------|
| <input type="checkbox"/> NZ1 | <input type="checkbox"/> NZ6 |
| <input type="checkbox"/> NZ2 | <input type="checkbox"/> NZ7 |
| <input type="checkbox"/> NZ3 | <input type="checkbox"/> NZ8 |

- NZ4
- NZ5
- NZ11
- NZ12
- NZ13
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- NZ15
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- NZ97
- NZ98
- NZ99
- NZ100

(7.54.3.2) Date target was set

Date input [must be between 01/01/1900 - 10/01/2024]

(7.54.3.3) Target Coverage

Select from:

- Site/facility
- Product-level
- Organization-wide
- Business activity
- Business division
- Country/area/region
- Other, please specify

(7.54.3.4) Targets linked to this net zero target

Select all that apply

- | | |
|--------------------------------|--------------------------------|
| <input type="checkbox"/> Abs1 | <input type="checkbox"/> Abs6 |
| <input type="checkbox"/> Abs2 | <input type="checkbox"/> Abs7 |
| <input type="checkbox"/> Abs3 | <input type="checkbox"/> Abs8 |
| <input type="checkbox"/> Abs4 | <input type="checkbox"/> Abs9 |
| <input type="checkbox"/> Abs5 | <input type="checkbox"/> Int1 |
| <input type="checkbox"/> Int2 | <input type="checkbox"/> Int7 |
| <input type="checkbox"/> Int3 | <input type="checkbox"/> Int8 |
| <input type="checkbox"/> Int4 | <input type="checkbox"/> Int9 |
| <input type="checkbox"/> Int5 | <input type="checkbox"/> Por1 |
| <input type="checkbox"/> Int6 | <input type="checkbox"/> Por2 |
| <input type="checkbox"/> Por3 | <input type="checkbox"/> Por8 |
| <input type="checkbox"/> Por4 | <input type="checkbox"/> Por9 |
| <input type="checkbox"/> Por5 | <input type="checkbox"/> Low1 |
| <input type="checkbox"/> Por6 | <input type="checkbox"/> Low2 |
| <input type="checkbox"/> Por7 | <input type="checkbox"/> Low3 |
| <input type="checkbox"/> Low4 | <input type="checkbox"/> Low9 |
| <input type="checkbox"/> Low5 | <input type="checkbox"/> Abs10 |
| <input type="checkbox"/> Low6 | <input type="checkbox"/> Abs11 |
| <input type="checkbox"/> Low7 | <input type="checkbox"/> Abs12 |
| <input type="checkbox"/> Low8 | <input type="checkbox"/> Abs13 |
| <input type="checkbox"/> Abs14 | <input type="checkbox"/> Abs19 |
| <input type="checkbox"/> Abs15 | <input type="checkbox"/> Abs20 |
| <input type="checkbox"/> Abs16 | <input type="checkbox"/> Abs21 |
| <input type="checkbox"/> Abs17 | <input type="checkbox"/> Abs22 |
| <input type="checkbox"/> Abs18 | <input type="checkbox"/> Abs23 |
| <input type="checkbox"/> Abs24 | <input type="checkbox"/> Abs29 |
| <input type="checkbox"/> Abs25 | <input type="checkbox"/> Abs30 |

- Abs26
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- Abs91
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- Por91
- Por92
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- Low92
- Low93
- Low99
- Abs100
- Int100
- Por100
- Low100

(7.54.3.5) End date of target for achieving net zero

Date input [must be between [01/01/2018 - 12/31/2100]

(7.54.3.6) Is this a science-based target?

Select from:

- No, but we anticipate setting one in the next two years
- No, but we are reporting another target that is science-based
- No, and we do not anticipate setting one in the next two years
- Yes, and this target has been approved by the Science Based Targets initiative
- Yes, we consider this a science-based target, and the target is currently being reviewed by the Science Based Targets initiative
- Yes, we consider this a science-based target, and we have committed to seek validation of this target by the Science Based Targets initiative in the next two years
- Yes, we consider this a science-based target, but we have not committed to seek validation of this target by the Science Based Targets initiative within the next two years

(7.54.3.7) Science Based Targets initiative official validation letter

Attachment input [number of attachment 1]

(7.54.3.8) Scopes

Select all that apply

- Scope 1
- Scope 2
- Scope 3

(7.54.3.9) Greenhouse gases covered by target

Select all that apply

- Methane (CH₄)
- Nitrous oxide (N₂O)
- Carbon dioxide (CO₂)
- Perfluorocarbons (PFCs)
- Hydrofluorocarbons (HFCs)
- Sulphur hexafluoride (SF₆)
- Nitrogen trifluoride (NF₃)

(7.54.3.10) Explain target coverage and identify any exclusions

Rich text input [must be under 2400 characters]

(7.54.3.11) Target objective

Rich text input [must be under 2400 characters]

(7.54.3.12) Do you intend to neutralize any residual emissions with permanent carbon removals at the end of the target?

Select from:

- Yes
- No
- Unsure

(7.54.3.13) Do you plan to mitigate emissions beyond your value chain?

Select from:

- Yes, and we have already acted on this in the reporting year
- No, but we plan to within the next two years
- No, and we do not plan to within the next two years
- No, we do not plan to mitigate emissions beyond our value chain

(7.54.3.14) Do you intend to purchase and cancel carbon credits for neutralization and/or beyond value chain mitigation?

Select all that apply

- Yes, we are currently purchasing and cancelling carbon credits for beyond value chain mitigation
- Yes, we plan to purchase and cancel carbon credits for beyond value chain mitigation
- Yes, we plan to purchase and cancel carbon credits for neutralization at the end of the target
- No, we do not plan to purchase and cancel carbon credits for neutralization and/or beyond value chain mitigation

(7.54.3.15) Planned milestones and/or near-term investments for neutralization at the end of the target

Rich text input [must be under 2400 characters]

(7.54.3.16) Describe the actions to mitigate emissions beyond your value chain

Rich text input [must be under 2400 characters]

(7.54.3.17) Target status in reporting year

Select from:

- New
- Expired
- Revised
- Retired
- Underway
- Achieved
- Replaced

(7.54.3.18) Explain the reasons for the revision, retirement, or replacement of the target

Rich text input [must be under 2400 characters]

(7.54.3.19) Process for reviewing target

Rich text input [must be under 2400 characters]
[Add row]

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none">• Financial services• Oil & Gas• Coal• General• Capital goods• Transport OEMS - EPM• Chemicals• Metals & mining• Transport services• Steel	<ul style="list-style-type: none">• NZAM General Commitment• IFRS S2 33• IFRS S2 34• IFRS S2 14• IFRS S2 36	<ul style="list-style-type: none">• Climate Change

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none"> • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 		

(7.55) Did you have emissions reduction initiatives that were active within the reporting year? Note that this can include those in the planning and/or implementation phases.

Select from:

Yes

No

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities 	<ul style="list-style-type: none"> • Climate Change

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	

(7.55.1) Identify the total number of initiatives at each stage of development, and for those in the implementation stages, the estimated CO2e savings.

	Number of initiatives	Total estimated annual CO2e savings in metric tonnes CO2e (only for rows marked *)
Under investigation	<i>Numeric input</i>	<i>Numeric input</i>
To be implemented	<i>Numeric input</i>	<i>Numeric input</i>
Implementation commenced	<i>Numeric input</i>	<i>Numeric input</i>
Implemented	<i>Numeric input</i>	<i>Numeric input</i>
Not to be implemented	<i>Numeric input</i>	<i>Numeric input</i>

[Fixed row]

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal 	<ul style="list-style-type: none"> • Climate Change

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	

(7.55.2) Provide details on the initiatives implemented in the reporting year in the table below.

Row 1

(7.55.2.1) Initiative category & Initiative type

Energy efficiency in buildings

- | | |
|---|--|
| <ul style="list-style-type: none"> <input type="checkbox"/> Lighting <input type="checkbox"/> Insulation <input type="checkbox"/> Solar shading <input type="checkbox"/> Draught proofing <input type="checkbox"/> Motors and drives | <ul style="list-style-type: none"> <input type="checkbox"/> Maintenance program <input type="checkbox"/> Combined heat and power (cogeneration) <input type="checkbox"/> Building Energy Management Systems (BEMS) <input type="checkbox"/> Heating, Ventilation and Air Conditioning (HVAC) <input type="checkbox"/> Other, please specify |
|---|--|

Energy efficiency in production processes

- Automation
- Fuel switch
- Compressed air
- Reuse of water
- Reuse of steam
- Wastewater treatment
- Smart control system
- Product or service design
- Machine/equipment replacement
- Combined heat and power (cogeneration)

Waste reduction and material circularity

- Waste reduction
- Remanufacturing
- Product or service design
- Product/component/material reuse
- Product/component/material recycling

Fugitive emissions reductions

- Landfill methane capture
- Agricultural methane capture
- Refrigerant leakage reduction
- Agricultural nitrous oxide reduction
- Carbon capture and storage/utilization (CCS/U)

Low-carbon energy consumption

- Wind
- Wave
- Tidal
- Biogas

- Electrification
- Motors and drives
- Cooling technology
- Waste heat recovery
- Process optimization
- Other, please specify

- Other, please specify

- Oil/natural gas methane leak capture/prevention
- Other, please specify

- Solar CSP
- Geothermal
- Solid biofuels
- Liquid biofuels

- Nuclear
- Small hydropower (<25 MW)
- Solar heating and cooling
- Low-carbon electricity mix
- Renewable hydrogen fuel cell
- Hydropower (capacity unknown)

Low-carbon energy generation

- Wind
- Wave
- Biogas
- Tidal
- Nuclear
- Large hydropower (>25 MW)
- Small hydropower (<25 MW)
- Solar heating and cooling
- Renewable hydrogen fuel cell
- Hydropower (capacity unknown)

Non-energy industrial process emissions reductions

- Process equipment replacement
- Process material substitution
- Process material efficiency
- Carbon capture and storage/utilization (CCS/U)
- Other, please specify

Company policy or behavioral change

- Waste management
- Supplier engagement
- Customer engagement
- Resource efficiency

- Large hydropower (>25 MW)
- Fossil fuel plant fitted with CCS
- Solar PV
- Other, please specify

- Solar PV
- Geothermal
- Solar CSP
- Solid biofuels
- Liquid biofuels
- Fossil fuel plant fitted with CCS
- Other, please specify

- Change in purchasing practices
- Other, please specify

- Site consolidation/closure

Transportation

- Teleworking
- Employee commuting
- Business travel policy
- Company fleet vehicle efficiency
- Company fleet vehicle replacement
- Other, please specify

(7.55.2.2) Estimated annual CO2e savings (metric tonnes CO2e)

Numeric input

(7.55.2.3) Scope(s) or Scope 3 category(ies) where emissions savings occur

Select all that apply

- Scope 1
- Scope 2 (market-based)
- Scope 2 (location-based)
- Scope 3: Other (upstream)
- Scope 3: Other (downstream)
- Scope 3 category 11: Use of sold products
- Scope 3 category 8: Upstream leased assets
- Scope 3 category 13: Downstream leased assets
- Scope 3 category 1: Purchased goods & services
- Scope 3 category 10: Processing of sold products (1 or 2)
- Scope 3 category 14: Franchises
- Scope 3 category 15: Investments
- Scope 3 category 2: Capital goods
- Scope 3 category 6: Business travel
- Scope 3 category 7: Employee commuting
- Scope 3 category 5: Waste generated in operations
- Scope 3 category 4: Upstream transportation & distribution
- Scope 3 category 12: End-of-life treatment of sold products
- Scope 3 category 9: Downstream transportation and distribution
- Scope 3 category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2)

(7.55.2.4) Voluntary/Mandatory

Select from:

- Voluntary

Mandatory

(7.55.2.5) Annual monetary savings (unit currency – as specified in C0.4)

Numeric input

(7.55.2.6) Investment required (unit currency – as specified in C0.4)

Numeric input

(7.55.2.7) Payback period

Select from:

- | | |
|--------------------------------------|--------------------------------------|
| <input type="checkbox"/> <1 year | <input type="checkbox"/> 16-20 years |
| <input type="checkbox"/> 1-3 years | <input type="checkbox"/> 21-25 years |
| <input type="checkbox"/> >25 years | <input type="checkbox"/> No payback |
| <input type="checkbox"/> 4-10 years | |
| <input type="checkbox"/> 11-15 years | |

(7.55.2.8) Estimated lifetime of the initiative

Select from:

- | | |
|------------------------------------|--------------------------------------|
| <input type="checkbox"/> <1 year | <input type="checkbox"/> 6-10 years |
| <input type="checkbox"/> Ongoing | <input type="checkbox"/> 11-15 years |
| <input type="checkbox"/> 1-2 years | <input type="checkbox"/> 16-20 years |
| <input type="checkbox"/> 3-5 years | <input type="checkbox"/> 21-30 years |
| <input type="checkbox"/> >30 years | |

(7.55.2.9) Comment

Rich text input [must be under 1500 characters]

Row 3

(7.55.2.1) Initiative category & Initiative type

Energy efficiency in buildings

- Lighting
- Insulation
- Solar shading
- Draught proofing
- Motors and drives

- Maintenance program
- Combined heat and power (cogeneration)
- Building Energy Management Systems (BEMS)
- Heating, Ventilation and Air Conditioning (HVAC)
- Other, please specify

Energy efficiency in production processes

- Automation
- Fuel switch
- Compressed air
- Reuse of water
- Reuse of steam
- Wastewater treatment
- Smart control system
- Product or service design
- Combined heat and power (cogeneration)
- Machine/equipment replacement

- Electrification
- Motors and drives
- Cooling technology
- Waste heat recovery
- Process optimization
- Other, please specify

Waste reduction and material circularity

- Waste reduction
- Remanufacturing
- Product or service design
- Product/component/material reuse
- Product/component/material recycling

- Other, please specify

Fugitive emissions reductions

- Landfill methane capture
- Agricultural methane capture

- Oil/natural gas methane leak capture/prevention
- Other, please specify

- Refrigerant leakage reduction
- Agricultural nitrous oxide reduction
- Carbon capture and storage/utilization (CCS/U)

Low-carbon energy consumption

- Wind
- Wave
- Tidal
- Biogas
- Nuclear
- Large hydropower (>25 MW)
- Small hydropower (<25 MW)
- Solar heating and cooling
- Low-carbon electricity mix
- Renewable hydrogen fuel cell

Low-carbon energy generation

- Wind
- Wave
- Biogas
- Tidal
- Nuclear
- Large hydropower (>25 MW)
- Small hydropower (<25 MW)
- Solar heating and cooling
- Renewable hydrogen fuel cell
- Hydropower (capacity unknown)

Non-energy industrial process emissions reductions

- Process equipment replacement
- Process material substitution

- Solar PV
- Solar CSP
- Geothermal
- Solid biofuels
- Liquid biofuels
- Hydropower (capacity unknown)
- Fossil fuel plant fitted with CCS
- Other, please specify

- Solar PV
- Geothermal
- Solar CSP
- Solid biofuels
- Liquid biofuels
- Fossil fuel plant fitted with CCS
- Other, please specify

- Process material efficiency
- Carbon capture and storage/utilization (CCS/U)
- Other, please specify

Company policy or behavioral change

- Waste management
- Supplier engagement
- Customer engagement
- Resource efficiency
- Site consolidation/closure
- Change in purchasing practices
- Other, please specify

Transportation

- Teleworking
- Employee commuting
- Business travel policy
- Company fleet vehicle efficiency
- Company fleet vehicle replacement
- Other, please specify

(7.55.2.2) Estimated annual CO2e savings (metric tonnes CO2e)

Numeric input

(7.55.2.3) Scope(s) or Scope 3 category(ies) where emissions savings occur

Select all that apply

- Scope 1
- Scope 2 (market-based)
- Scope 2 (location-based)
- Scope 3: Other (upstream)
- Scope 3: Other (downstream)
- Scope 3 category 11: Use of sold products
- Scope 3 category 14: Franchises
- Scope 3 category 15: Investments
- Scope 3 category 2: Capital goods
- Scope 3 category 6: Business travel
- Scope 3 category 7: Employee commuting
- Scope 3 category 5: Waste generated in operations

- Scope 3 category 8: Upstream leased assets
- Scope 3 category 13: Downstream leased assets
- Scope 3 category 1: Purchased goods & services
- Scope 3 category 10: Processing of sold products (1 or 2)

- Scope 3 category 4: Upstream transportation & distribution
- Scope 3 category 12: End-of-life treatment of sold products
- Scope 3 category 9: Downstream transportation and distribution
- Scope 3 category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2)

(7.55.2.4) Voluntary/Mandatory

Select from:

- Voluntary
- Mandatory

(7.55.2.5) Annual monetary savings (unit currency – as specified in C0.4)

Numeric input

(7.55.2.6) Investment required (unit currency – as specified in C0.4)

Numeric input

(7.55.2.7) Payback period

Select from:

- <1 year
- 1-3 years
- >25 years
- 4-10 years
- 11-15 years
- 16-20 years
- 21-25 years
- No payback

(7.55.2.8) Estimated lifetime of the initiative

Select from:

- <1 year
- Ongoing
- 6-10 years
- 11-15 years

- 1-2 years
- 3-5 years
- >30 years

- 16-20 years
- 21-30 years

(7.55.2.9) Comment

Rich text input [must be under 1500 characters]

Row 2

(7.55.2.1) Initiative category & Initiative type

Energy efficiency in buildings

- Lighting
- Insulation
- Solar shading
- Draught proofing
- Motors and drives

- Maintenance program
- Combined heat and power (cogeneration)
- Building Energy Management Systems (BEMS)
- Heating, Ventilation and Air Conditioning (HVAC)
- Other, please specify

Energy efficiency in production processes

- Automation
- Fuel switch
- Compressed air
- Reuse of water
- Reuse of steam
- Smart control system
- Product or service design
- Machine/equipment replacement
- Combined heat and power (cogeneration)
- Cooling technology

- Electrification
- Motors and drives
- Waste heat recovery
- Process optimization
- Wastewater treatment
- Other, please specify

Waste reduction and material circularity

- Waste reduction
- Remanufacturing
- Product or service design
- Product/component/material reuse
- Product/component/material recycling

Fugitive emissions reductions

- Landfill methane capture
- Agricultural methane capture
- Refrigerant leakage reduction
- Agricultural nitrous oxide reduction
- Carbon capture and storage/utilization (CCS/U)

Low-carbon energy consumption

- Wind
- Wave
- Tidal
- Biogas
- Nuclear
- Large hydropower (>25 MW)
- Small hydropower (<25 MW)
- Solar heating and cooling
- Low-carbon electricity mix
- Renewable hydrogen fuel cell

Low-carbon energy generation

- Wind
- Wave
- Biogas
- Tidal

Other, please specify

Oil/natural gas methane leak capture/prevention

Other, please specify

Solar PV

Solar CSP

Geothermal

Solid biofuels

Liquid biofuels

Hydropower (capacity unknown)

Fossil fuel plant fitted with CCS

Other, please specify

Solar PV

Geothermal

Solar CSP

Solid biofuels

- Nuclear
- Large hydropower (>25 MW)
- Small hydropower (<25 MW)
- Solar heating and cooling
- Renewable hydrogen fuel cell
- Hydropower (capacity unknown)

- Liquid biofuels
- Fossil fuel plant fitted with CCS
- Other, please specify

Non-energy industrial process emissions reductions

- Process equipment replacement
- Process material substitution
- Process material efficiency
- Carbon capture and storage/utilization (CCS/U)
- Other, please specify

Company policy or behavioral change

- Waste management
- Supplier engagement
- Customer engagement
- Resource efficiency
- Site consolidation/closure
- Change in purchasing practices
- Other, please specify

Transportation

- Teleworking
- Employee commuting
- Business travel policy
- Company fleet vehicle efficiency
- Company fleet vehicle replacement
- Other, please specify

(7.55.2.2) Estimated annual CO₂e savings (metric tonnes CO₂e)

Numeric input

(7.55.2.3) Scope(s) or Scope 3 category(ies) where emissions savings occur

Select all that apply

- Scope 1
- Scope 2 (market-based)
- Scope 2 (location-based)
- Scope 3: Other (upstream)
- Scope 3: Other (downstream)
- Scope 3 category 11: Use of sold products
- Scope 3 category 8: Upstream leased assets
- Scope 3 category 13: Downstream leased assets
- Scope 3 category 1: Purchased goods & services
- Scope 3 category 10: Processing of sold products (1 or 2)
- Scope 3 category 14: Franchises
- Scope 3 category 15: Investments
- Scope 3 category 2: Capital goods
- Scope 3 category 6: Business travel
- Scope 3 category 7: Employee commuting
- Scope 3 category 5: Waste generated in operations
- Scope 3 category 4: Upstream transportation & distribution
- Scope 3 category 12: End-of-life treatment of sold products
- Scope 3 category 9: Downstream transportation and distribution
- Scope 3 category 3: Fuel-and-energy-related activities (not included in Scopes 1 or 2)

(7.55.2.4) Voluntary/Mandatory

Select from:

- Voluntary
- Mandatory

(7.55.2.5) Annual monetary savings (unit currency – as specified in C0.4)

Numeric input

(7.55.2.6) Investment required (unit currency – as specified in C0.4)

Numeric input

(7.55.2.7) Payback period

Select from:

- <1 year
- 16-20 years

- 1-3 years
- >25 years
- 4-10 years
- 11-15 years

- 21-25 years
- No payback

(7.55.2.8) Estimated lifetime of the initiative

Select from:

- <1 year
- Ongoing
- 1-2 years
- 3-5 years
- >30 years
- 6-10 years
- 11-15 years
- 16-20 years
- 21-30 years

(7.55.2.9) Comment

Rich text input [must be under 1500 characters]
[Add row]

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel 	<ul style="list-style-type: none"> • IFRS S2 14 • ESRS E1 • RE100_Framework_Alignment 	<ul style="list-style-type: none"> • Climate Change

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none"> • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 		

(7.55.3) What methods do you use to drive investment in emissions reduction activities?

Row 1

(7.55.3.1) Method

Select from:

- | | |
|---|--|
| <ul style="list-style-type: none"> <input type="checkbox"/> Employee engagement <input type="checkbox"/> Internal price on carbon <input type="checkbox"/> Internal finance mechanisms <input type="checkbox"/> Marginal abatement cost curve <input type="checkbox"/> Dedicated budget for energy efficiency <input type="checkbox"/> Dedicated budget for other emissions reduction activities <input checked="" type="checkbox"/> Financial optimization calculations <input type="checkbox"/> Other | <ul style="list-style-type: none"> <input type="checkbox"/> Internal incentives/recognition programs <input type="checkbox"/> Dedicated budget for low-carbon product R&D <input type="checkbox"/> Lower return on investment (ROI) specification <input type="checkbox"/> Compliance with regulatory requirements/standards <input type="checkbox"/> Partnering with governments on technology development |
|---|--|

(7.55.3.2) Comment

CP ALL conducts feasibility analysis in the decision making process of all investments Programs that have a payback period lower than 2 years are considered as attractive

Row 3

(7.55.3.1) Method

Select from:

- Employee engagement
- Internal price on carbon
- Internal finance mechanisms
- Marginal abatement cost curve
- Financial optimization calculations
- Dedicated budget for other emissions reduction activities
- Compliance with regulatory requirements/standards
- Other
- Dedicated budget for energy efficiency
- Internal incentives/recognition programs
- Dedicated budget for low-carbon product R&D
- Lower return on investment (ROI) specification
- Partnering with governments on technology development

(7.55.3.2) Comment

Total compliance with regulatory standards is one of the strongest investment drivers for CP ALL since we are abide by laws and regulatory systems of the operating country

[Add row]

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel 	<ul style="list-style-type: none"> • NZAM Commitment 3 	<ul style="list-style-type: none"> • Climate Change

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none"> • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 		

(7.55.4) Why did you not have any emissions reduction initiatives active during the reporting year?

Rich text input [must be under 5000 characters]

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement 	<ul style="list-style-type: none"> • Climate Change

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	

(7.74) Do you classify any of your existing goods and/or services as low-carbon products?

Select from:

Yes

No

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate 	<ul style="list-style-type: none"> • Climate Change

Questionnaire sector	Environmental Issue
• Construction	

(7.74.1) Provide details of your products and/or services that you classify as low-carbon products.

Row 1

(7.74.1.1) Level of aggregation

Select from:

- Product or service
- Group of products or services

(7.74.1.2) Taxonomy used to classify product(s) or service(s) as low-carbon

Select from:

- Climate Bonds Taxonomy
- Green Bond Principles (ICMA)
- Low-Carbon Investment (LCI) Registry Taxonomy
- The EU Taxonomy for environmentally sustainable economic activities
- No taxonomy used to classify product(s) or service(s) as low carbon
- The IEA Energy Technology Perspectives Clean Energy Technology Guide
- Other, please specify :**Thailand Greenhouse Gas Organization - Carbon Footprint Reduction Label**

(7.74.1.3) Type of product(s) or service(s)

Power

- Flywheel
- Solar PV
- Hydropower
- Solar tower
- Onshore wind
- Lithium-ion batteries
- Pumped storage
- Dry steam plant
- Parabolic trough
- Flash steam plant
- Multi-junction cell
- Large-scale light-water nuclear reactor

- Organic Rankine cycle
- Geothermal electricity
- Liquid air energy storage (LAES)
- Seabed fixed offshore wind turbine

Heat

- Geothermal heat management
- Large-scale heat pump
- Latent heat storage (LHS)
- Solar thermal district heating
- Other, please specify

Biofuels

- Bioethanol
- Anaerobic digester
- Biomass gasification
- Hydrogenated vegetable oil
- Fatty acid methyl ester (FAME)

Hydrogen

- Electrolysis
- Hydrogen pipelines
- Hydrogen storage tanks
- Salt cavern hydrogen storage
- Other, please specify

Ammonia

- Ammonia tankers
- Other, please specify

Batteries

- Copper recycling

- Small-scale light-water nuclear reactor
- Other, please specify

- Other, please specify

- Cathode recycling
- Other, please specify

Road

- Hydrogen fuel cell
- Lithium-ion batteries
- Liquified biogas engines
- Compressed biogas engines
- Hydrogen Refuelling Station

- Ethanol-fuelled diesel engine
- Polymer electrolyte membrane fuel cell
- Other, please specify

Rail

- Magnetic levitation
- Other, please specify

Shipping

- Rudder bulb
- Ammonia bunkering
- Liquified biogas engines
- Foul Release Hull Coating
- Cold ironing, alternative maritime power

- Other, please specify

Aviation

- Geared Turbo Fan/ Ultra-High Bypass Ratio engine
- Other, please specify

Chemicals and plastics

- Chemical absorption of CO₂
- Physical absorption of CO₂
- Other, please specify

Iron and steel

- Chemical absorption of CO₂

Other, please specify

Cement and concrete

Calcined clay

Other, please specify

Pulp and paper

Lignin extraction

Black liquor gasification

Other, please specify

Aluminum

Additive manufacturing

Other, please specify

CO2 storage

CO2-enhance oil recovery

Saline formation

Other, please specify

Buildings construction and renovation

Pre-casting

Dynamic simulation

Modular components

Composite materials

Natural ventilation

Thick crystal products or thin-film products

Other, please specify

Dual flow ventilation

Structural Insulated Panel

Foam, caulk, tape or gaskets

Building orientation: Lighting

Building orientation: Thermal performance

Heating and cooling

Hot water tank

Hydrogen boiler

Ground-source heat pump

Solid-liquid ice storage

- Wood burning stove
- Chilled water storage
- Advanced heat exchanger
- Borehole thermal energy storage (BTES)
- State-of-the-art air-to-air technology
- Air-source heat pump using heat recovery
- Other, please specify

Cooking

- Bag digester
- Induction cooker
- LPG cooking stove
- Composite material digester
- Improved biomass cooking stove

Lighting

- Conventional LED
- Organic LED
- Polymer LED
- Other, please specify

Systems integration

- Double smart grid
- Smart meter
- Other, please specify

CO2 transport

- Pipeline
- Other, please specify

Other

- Hybrid flexible demand and battery network

- Central heat pump water heaters
- Pellets burning stove and boiler
- Aquifer thermal energy storage (ATES)

- Vitroceramic/hot plate cooking stoves
- Other, please specify :**Ready-to-Eat Food**

- Induction heating for large-scale industrial processes
- Infrared heating for large-scale industrial processes
- Other, please specify

(7.74.1.4) Description of product(s) or service(s)

The Company promotes the creation of various innovative products that are environmentally friendly by assessing the carbon footprint of the product and requesting the product carbon footprint registration from the Thailand Greenhouse Gas Management Organization Public Organization TGO. In 2021 the Company registered to be certified with the Carbon Footprint Product Label for 1 product and proceeded with the Carbon Footprint Reduction Label for 5 products. Furthermore, products with reduced plastic usage in packaging are also included as low carbon products due to less material required and emission reductions in production process and disposal.

(7.74.1.5) Have you estimated the avoided emissions of this low-carbon product(s) or service(s)

Select from:

- Yes
- No

(7.74.1.6) Methodology used to calculate avoided emissions

Select from:

- The Avoided Emissions Framework (AEF)
- Evaluating the carbon-reducing impacts of ICT
- Addressing the Avoided Emissions Challenge- Chemicals sector
- Guidelines for Assessing the Contribution of Products to Avoided Greenhouse Gas Emissions (ILCA)
- Methodology for Environmental Life-Cycle Assessment of Information and Communication Technology Goods, Networks and Services (ITU-TL.1410)
- Estimating and Reporting the Comparative Emissions Impacts of Products (WRI)
- Other, please specify

(7.74.1.7) Life cycle stage(s) covered for the low-carbon product(s) or services(s)

Select from:

- Use stage
- Cradle-to-gate + end-of-life stage

- Gate-to-gate
- Cradle-to-gate
- Not applicable
- End-of-life stage

- Cradle-to-cradle/closed loop production
- Cradle-to-grave
- Other, please specify

(7.74.1.8) Functional unit used

1 pack

(7.74.1.9) Reference product/service or baseline scenario used

According to TGO The product registered as Carbon Footprint Reduction Label CFR shall comply with the following requirements 1 The certified CFP of its present year compared to base year certified CFP shall be reduced not less than 2 or 2 The certified CFP of its present year is equal to or less than the product category benchmarking threshold and not more than its base year certified value The reference product for CPALL is the same product certified with CFP in the previous years

(7.74.1.10) Life cycle stage(s) covered for the reference product/service or baseline scenario

Select from:

- | | |
|--|--|
| <input type="checkbox"/> Use stage | <input type="checkbox"/> Cradle-to-gate + end-of-life stage |
| <input type="checkbox"/> Gate-to-gate | <input type="checkbox"/> Cradle-to-cradle/closed loop production |
| <input type="checkbox"/> Cradle-to-gate | <input checked="" type="checkbox"/> Cradle-to-grave |
| <input type="checkbox"/> Not applicable | <input type="checkbox"/> Other, please specify |
| <input type="checkbox"/> End-of-life stage | |

(7.74.1.11) Estimated avoided emissions (metric tons CO2e per functional unit) compared to reference product/service or baseline scenario

0.000007612

(7.74.1.12) Explain your calculation of avoided emissions, including any assumptions

Carbon Footprint Reduction Label CFR or Global Warming Reduction Label is a label that demonstrates a certified Carbon Footprint of Product CFP and its emissions reduction based on the Thailand Greenhouse Gas Organization TGO eligible reduction criteria The CFR evaluation and process include the quantification and certification of base year and present year CFP and the comparison results between the base year and present year certified CFP or against its product category

benchmarking threshold announced by TGO According to TGO The product registered as CFR shall comply with the following requirements 1 The certified CFP of its present year compared to base year certified CFP shall be reduced not less than 2 or 2 The certified CFP of its present year is equal to or less than the product category benchmarking threshold and not more than its base year certified value Therefore the methodology of Carbon Footprint Reduction Label by TGO is in accordance with the attributional approach by the Comparative Emissions Impacts of Products WRI where the same type of product is compare with those that would otherwise be produced in the market

(7.74.1.13) Revenue generated from low-carbon product(s) or service(s) as % of total revenue in the reporting year

Numeric input
[Add row]

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none"> • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • IFRS S2 14 	<ul style="list-style-type: none"> • Climate Change

(7.79) Has your organization canceled any project-based carbon credits within the reporting year?

Select from:

Yes

No

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • NZAM Commitment 4 • ESRS E1 	<ul style="list-style-type: none"> • Climate Change

(7.79.1) Provide details of the project-based carbon credits canceled by your organization in the reporting year.

Row 1

(7.79.1.1) Project type

Select from:

- N2O
- HFCs
- Wind
- Hydro
- Solar
- Geothermal
- Agriculture
- Agroforestry
- Landfill gas
- PFCs and SF6
- Methane avoidance
- Community projects
- Fossil fuel switch
- Landscape projects
- Energy distribution
- Energy efficiency: service
- Energy efficiency: industry
- Clean cookstove distribution
- Forest ecosystem restoration
- Energy efficiency: households
- Bioenergy with carbon capture and storage (BECCS)
- Other, please specify

- Tidal
- Cement
- Biochar
- Fugitive
- Transport
- Afforestation
- Reforestation
- Biomass energy
- Mixed renewables
- Waste management
- Ocean fertilization
- Natural regeneration
- Coal mine/bed methane
- Direct air capture (DAC)
- Soil carbon sequestration
- Energy efficiency: supply side
- Energy efficiency: own generation
- Mangrove protection and restoration
- Peatland protection and restoration
- Enhanced weathering and ocean alkalization

(7.79.1.2) Type of mitigation activity

Select from:

- Emissions reduction
- Carbon removal

(7.79.1.3) Project description

Rich text input [must be under 2500 characters]

(7.79.1.4) Credits canceled by your organization from this project in the reporting year (metric tons CO2e)

Numeric input

(7.79.1.5) Purpose of cancelation

Select from:

- Compliance with a carbon pricing system
- Voluntary offsetting
- Other, please specify

(7.79.1.6) Are you able to report the vintage of the credits at cancelation?

Select from:

- Yes
- No

(7.79.1.7) Vintage of credits at cancelation

Numeric input [must be between [1900 - 2023]

(7.79.1.8) Were these credits issued to or purchased by your organization?

Select from:

- Issued
- Purchased

(7.79.1.9) Carbon-crediting program by which the credits were issued

Select from:

- REDD+
- Plan Vivo
- JI (Joint Implementation)
- VCS (Verified Carbon Standard)

- Gold Standard
- VER+ (TÜV SÜD standard)
- Not issued by a program
- CDM (Clean Development Mechanism)
- Alberta TIER Emission Offset system
- T-COP (Thailand Carbon Offsetting Program) program
- TREES (The REDD+ Environmental Excellence Standard)
- Emissions Reduction Fund of the Australian Government
- JCM (Joint Crediting Mechanism)
- ACR (American Carbon Registry)
- CAR (The Climate Action Reserve)
- California Air Resources Board Compliance Offset Program
- CCBS (developed by the Climate, Community and Biodiversity Alliance, CCBA)
- Integrity Council for Voluntary Carbon Markets – Approved carbon crediting program
- Other private carbon crediting program, please specify
- Other regulatory carbon crediting program, please specify

(7.79.1.10) Method the program uses to assess additionality for this project

Select all that apply

- Not assessed
- Barrier analysis
- Investment analysis
- Standardized Approaches
- Market penetration assessment
- Consideration of legal requirements
- Other, please specify

(7.79.1.11) Approaches by which the selected program requires this project to address reversal risk

Select all that apply

- Monitoring and compensation
- Temporary crediting
- Other, please specify
- No requirements
- No risk of reversal

(7.79.1.12) Potential sources of leakage the selected program requires this project to have assessed

Select all that apply

- Not assessed
- Other, please specify

- Market leakage
- Activity-shifting
- Ecological leakage
- Upstream/downstream emissions

(7.79.1.13) Provide details of other issues the selected program requires projects to address

Rich text input [must be under 2500 characters]

(7.79.1.14) Please explain

*Rich text input [must be under 2500 characters]
[Add row]*

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco 	<ul style="list-style-type: none"> • NZAM Commitment 4 • ESRS E1 • IFRS S2 36 	<ul style="list-style-type: none"> • Climate Change

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none">• Paper & forestry• Real estate• Construction		

C10. Environmental performance - Plastics

(10.1) Do you have plastics-related targets, and if so what type?

(10.1.1) Targets in place

Select from:

- Yes
- No, but we plan to within the next two years
- No, and we do not plan to within the next two years

(10.1.2) Target type and metric

Plastic polymers

- Reduce the total weight of virgin content in plastic polymers produced and/or sold
- Increase the proportion of post-consumer recycled content in plastic polymers produced and/or sold
- Reduce or eliminate the use of hazardous substances
- Reduce the use of polymers with properties that may hinder their reusability, recyclability and disposal
- Other plastic polymers target, please specify

Plastic packaging

- Eliminate single-use plastic packaging
- Reduce or eliminate the use of hazardous substances
- Eliminate problematic and unnecessary plastic packaging
- Increase the proportion of plastic packaging that is reusable
- Reduce the total weight of virgin content in plastic packaging
- Increase the proportion of plastic packaging that is compostable
- Reduce the total weight of plastic packaging used and/or produced
- Increase the proportion of post-consumer recycled content in plastic packaging

- Increase the proportion of plastic packaging that is recyclable in practice and at scale
- Increase the proportion of renewable content from responsibly managed sources in plastic packaging
- Other plastic packaging target, please specify :100% Private Brand utilizing plastic packaging must be reusable, recyclable, or compostable by 2025 for operations in Thailand and by 2030 for overseas operations.

Plastic goods/products

- Eliminate single-use plastic products
- Reduce the total weight of plastics in our goods/products
- Increase the proportion of our goods/products that are compostable
- Reduce the total weight of virgin content in plastic goods/products
- Increase the proportion of plastic goods/products which are reusable
- Eliminate problematic and unnecessary plastics within our goods/products
- Increase the proportion of post-consumer recycled content in plastic goods/products
- Increase the proportion of our goods/products that are recyclable in practice and at scale
- Increase the proportion of renewable content from responsibly managed sources in plastic goods/products
- Other plastic goods/products target, please specify

Microplastics

- Eliminate the use of primary microplastics and plastic particles
- Reduce the potential release of microplastics and plastic particles
- Other microplastics target, please specify

End-of-life management

- Reduce the proportion of plastic waste which is mismanaged
- Increase the proportion of plastic waste which is prepared for reuse or composted
- Reduce the proportion of plastic waste which is sent to landfill and/or incinerated
- Increase the proportion of recyclable plastic waste that we collect, sort, and recycle
- Increase the proportion of recyclable plastic waste that is collected, sorted, and recycled
- Other end-of-life management target, please specify

Extended Producer Responsibility (EPR)

- Ensure compliance with EPR policies and schemes

- Adhere to eco-design requirements
- Other Extended Producer Responsibility target, please specify

Other

- Other, please specify

(10.1.3) Please explain

The proportion of packaging materials used for products and instore operations that are made from plastic without additives hindering recycling reuse or biodegradation
[Fixed row]

Framework Alignment	Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • EMF Global Commitment • ESRS 2 • ESRS E2 • ESRS E5 • TNFD Strategy B • TNFD Metrics & targets C 	<ul style="list-style-type: none"> • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • Plastics

(10.2) Indicate whether your organization engages in the following activities.

Production/commercialization of plastic polymers (including plastic converters)

(10.2.1) Activity applies

Select from:

Yes

No

(10.2.2) Comment

Production/commercialization of durable plastic goods and/or components (including mixed materials)

(10.2.1) Activity applies

Select from:

Yes

No

(10.2.2) Comment

Usage of durable plastics goods and/or components (including mixed materials)

(10.2.1) Activity applies

Select from:

Yes

No

(10.2.2) Comment

Production/commercialization of plastic packaging

(10.2.1) Activity applies

Select from:

Yes

No

(10.2.2) Comment

Production/commercialization of goods/products packaged in plastics

(10.2.1) Activity applies

Select from:

Yes

No

(10.2.2) Comment

Provision/commercialization of services that use plastic packaging (e.g., food services)

(10.2.1) Activity applies

Select from:

Yes

No

(10.2.2) Comment

Initiatives to reduce plastic pollution through the elimination of plastic bags spoons forks and straws

Provision of waste management and/or water management services

(10.2.1) Activity applies

Select from:

Yes

No

(10.2.2) Comment

Provision of financial products and/or services for plastics-related activities

(10.2.1) Activity applies

Select from:

Yes

No

(10.2.2) Comment

Other activities not specified

(10.2.1) Activity applies

Select from:

Yes

No

(10.2.2) Comment

[Fixed row]

Questionnaire sector	Environmental Issue
<ul style="list-style-type: none">• Oil & Gas• Coal• General• Capital goods• Transport OEMS - EPM• Chemicals• Metals & mining• Transport services• Steel• Agricultural commodities• Electric utilities• Transport OEMS• Cement• Food, beverage & tobacco• Paper & forestry• Real estate• Construction	<ul style="list-style-type: none">• Plastics

(10.3) Provide the total weight of plastic polymers sold and indicate the raw material content.

(10.3.1) Total weight of plastic polymers sold during the reporting year (Metric tons)

Numeric input

(10.3.2) Raw material content percentages available to report

Select all that apply

- % virgin fossil-based content
- % virgin renewable content
- % pre-consumer recycled content
- % post-consumer recycled content
- None

(10.3.3) % virgin fossil-based content

Numeric input

(10.3.4) % virgin renewable content

Numeric input

(10.3.5) % pre-consumer recycled content

Numeric input

(10.3.6) % post-consumer recycled content

Numeric input

(10.3.7) Please explain

*Rich text input [must be under 1000 characters]
[Fixed row]*

Framework Alignment	Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • EMF Global Commitment • ESRS 2 • TNFD Metrics & targets B 	<ul style="list-style-type: none"> • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • Plastics

(10.4) Provide the total weight of plastic durable goods and durable components produced, sold and/or used, and indicate the raw material content.

Durable goods and durable components sold

(10.4.1) Total weight during the reporting year (Metric tons)

Numeric input

(10.4.2) Raw material content percentages available to report

Select all that apply

- % virgin fossil-based content
- % virgin renewable content
- % pre-consumer recycled content
- % post-consumer recycled content
- None

(10.4.3) % virgin fossil-based content

Numeric input

(10.4.4) % virgin renewable content

Numeric input

(10.4.5) % pre-consumer recycled content

Numeric input

(10.4.6) % post-consumer recycled content

Numeric input

(10.4.7) Please explain

Rich text input [must be under 1000 characters]

Durable goods and durable components used

(10.4.1) Total weight during the reporting year (Metric tons)

Numeric input

(10.4.2) Raw material content percentages available to report

Select all that apply

- % virgin fossil-based content
- % virgin renewable content
- % pre-consumer recycled content
- % post-consumer recycled content
- None

(10.4.3) % virgin fossil-based content

Numeric input

(10.4.4) % virgin renewable content

Numeric input

(10.4.5) % pre-consumer recycled content

Numeric input

(10.4.6) % post-consumer recycled content

Numeric input

(10.4.7) Please explain

Rich text input [must be under 1000 characters]

[Fixed row]

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none">• Oil & Gas• Coal• General• Capital goods	<ul style="list-style-type: none">• ESRS 2• TNFD Metrics & targets B• ESRS E5	<ul style="list-style-type: none">• Plastics

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none"> • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 		

(10.5) Provide the total weight of plastic packaging sold and/or used and indicate the raw material content.

Plastic packaging sold

(10.5.1) Total weight during the reporting year (Metric tons)

0

(10.5.2) Raw material content percentages available to report

Select all that apply

- % virgin fossil-based content
- % virgin renewable content
- % pre-consumer recycled content
- % post-consumer recycled content

None

(10.5.3) % virgin fossil-based content

Numeric input

(10.5.4) % virgin renewable content

Numeric input

(10.5.5) % pre-consumer recycled content

Numeric input

(10.5.6) % post-consumer recycled content

Numeric input

(10.5.7) Please explain

None Applicable

Plastic packaging used

(10.5.1) Total weight during the reporting year (Metric tons)

53965.53

(10.5.2) Raw material content percentages available to report

Select all that apply

% virgin fossil-based content

% virgin renewable content

% pre-consumer recycled content

% post-consumer recycled content

None

(10.5.3) % virgin fossil-based content

Numeric input

(10.5.4) % virgin renewable content

98.44

(10.5.5) % pre-consumer recycled content

Numeric input

(10.5.6) % post-consumer recycled content

Numeric input

(10.5.7) Please explain

*We have collected 5312273 tons of recyclable plastic packaging and returned 8882 tons through our takeback program for recycling
[Fixed row]*

Framework Alignment	Questionnaire sector	Environmental Issue
<ul style="list-style-type: none">• EMF Global Commitment• ESRS 2• TNFD Metrics & targets B	<ul style="list-style-type: none">• Oil & Gas• Coal• General• Capital goods• Transport OEMS - EPM• Chemicals• Metals & mining• Transport services• Steel	<ul style="list-style-type: none">• Plastics

Framework Alignment	Questionnaire sector	Environmental Issue
	<ul style="list-style-type: none"> • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	

(10.5.1) Indicate the circularity potential of the plastic packaging you sold and/or used.

Plastic packaging sold

(10.5.1.1) Percentages available to report for circularity potential

Select all that apply

- % reusable
- % technically recyclable
- % recyclable in practice and at scale
- None

(10.5.1.2) % of plastic packaging that is reusable

Numeric input

(10.5.1.3) % of plastic packaging that is technically recyclable

Numeric input

(10.5.1.4) % of plastic packaging that is recyclable in practice at scale

Numeric input

(10.5.1.5) Please explain

None

Plastic packaging used

(10.5.1.1) Percentages available to report for circularity potential

Select all that apply

- % reusable
- % technically recyclable
- % recyclable in practice and at scale
- None

(10.5.1.2) % of plastic packaging that is reusable

Numeric input

(10.5.1.3) % of plastic packaging that is technically recyclable

Numeric input

(10.5.1.4) % of plastic packaging that is recyclable in practice at scale

Numeric input

(10.5.1.5) Please explain

CPALL promotes behavior change among consumers and employees with the concept of reduce receiving reduce giving reduce use Reduce and replace singleuse plastic project 7Eleven store patrons to refuse to accept plastic spoons forks straws glasses and to carry their own cloth carry bags to reduce plastic packaging usage and continuously campaign for usage of alternative environmentally friendly materials In 2023 There are 3882 million pieces plastic reductions and singleuse plastics spoons forks tubes and glass 1282 million tickets

[Fixed row]

Framework Alignment	Questionnaire sector	Environmental Issue
<ul style="list-style-type: none"> • EMF Global Commitment • ESRS 2 • TNFD Metrics & targets B • ESRS E5 	<ul style="list-style-type: none"> • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • Plastics

(10.6) Provide the total weight of waste generated by the plastic you produce, commercialize, use and/or process and indicate the end-of-life management pathways.

Production of plastic

(10.6.1) Total weight of waste generated during the reporting year (Metric tons)

Numeric input [must be between [0 - 999999999999]]

(10.6.2) End-of-life management pathways available to report

Select all that apply

- Leakage
- Landfill
- Recycling
- Incineration
- Waste to Energy

- Mismanaged waste
- Preparation for reuse
- Composting (industrial/home)
- Other end-of-life management pathway, please specify

(10.6.3) % prepared for reuse

Numeric input [must be between [0 - 100]

(10.6.4) % recycling

Numeric input [must be between [0 - 100]

(10.6.5) % composting (industrial/home)

Numeric input [must be between [0 - 100]

(10.6.6) % waste to energy

Numeric input [must be between [0 - 100]

(10.6.7) % incineration

Numeric input [must be between [0 - 100]

(10.6.8) % landfill

Numeric input [must be between [0 - 100]

(10.6.9) % mismanaged waste

Numeric input [must be between [0 - 100]

(10.6.10) % leakage

Numeric input [must be between [0 - 100]

(10.6.11) % other

Numeric input [must be between [0 - 100]

(10.6.12) Please explain

Rich text input [must be under 1000 characters]

Commercialization of plastic

(10.6.1) Total weight of waste generated during the reporting year (Metric tons)

Numeric input [must be between [0 - 999999999999]

(10.6.2) End-of-life management pathways available to report

Select all that apply

- | | |
|--|---|
| <input type="checkbox"/> Leakage | <input type="checkbox"/> Mismanaged waste |
| <input type="checkbox"/> Landfill | <input type="checkbox"/> Preparation for reuse |
| <input type="checkbox"/> Recycling | <input type="checkbox"/> Composting (industrial/home) |
| <input type="checkbox"/> Incineration | <input type="checkbox"/> Other end-of-life management pathway, please specify |
| <input type="checkbox"/> Waste to Energy | |

(10.6.3) % prepared for reuse

Numeric input [must be between [0 - 100]

(10.6.4) % recycling

Numeric input [must be between [0 - 100]

(10.6.5) % composting (industrial/home)

Numeric input [must be between [0 - 100]

(10.6.6) % waste to energy

Numeric input [must be between [0 - 100]

(10.6.7) % incineration

Numeric input [must be between [0 - 100]

(10.6.8) % landfill

Numeric input [must be between [0 - 100]

(10.6.9) % mismanaged waste

Numeric input [must be between [0 - 100]

(10.6.10) % leakage

Numeric input [must be between [0 - 100]

(10.6.11) % other

Numeric input [must be between [0 - 100]

(10.6.12) Please explain

Rich text input [must be under 1000 characters]

Usage of plastic

(10.6.1) Total weight of waste generated during the reporting year (Metric tons)

Numeric input [must be between [0 - 99999999999]]

(10.6.2) End-of-life management pathways available to report

Select all that apply

- Leakage
- Landfill
- Recycling
- Incineration
- Waste to Energy
- Mismanaged waste
- Preparation for reuse
- Composting (industrial/home)
- Other end-of-life management pathway, please specify

(10.6.3) % prepared for reuse

Numeric input [must be between [0 - 100]]

(10.6.4) % recycling

Numeric input [must be between [0 - 100]]

(10.6.5) % composting (industrial/home)

Numeric input [must be between [0 - 100]]

(10.6.6) % waste to energy

Numeric input [must be between [0 - 100]]

(10.6.7) % incineration

Numeric input [must be between [0 - 100]]

(10.6.8) % landfill

Numeric input [must be between [0 - 100]]

(10.6.9) % mismanaged waste

Numeric input [must be between [0 - 100]

(10.6.10) % leakage

Numeric input [must be between [0 - 100]

(10.6.11) % other

Numeric input [must be between [0 - 100]

(10.6.12) Please explain

Rich text input [must be under 1000 characters]

Processing of plastic waste

(10.6.1) Total weight of waste generated during the reporting year (Metric tons)

Numeric input [must be between [0 - 99999999999]

(10.6.2) End-of-life management pathways available to report

Select all that apply

- | | |
|--|---|
| <input type="checkbox"/> Leakage | <input type="checkbox"/> Mismanaged waste |
| <input type="checkbox"/> Landfill | <input type="checkbox"/> Preparation for reuse |
| <input type="checkbox"/> Recycling | <input type="checkbox"/> Composting (industrial/home) |
| <input type="checkbox"/> Incineration | <input type="checkbox"/> Other end-of-life management pathway, please specify |
| <input type="checkbox"/> Waste to Energy | |

(10.6.3) % prepared for reuse

Numeric input [must be between [0 - 100]

(10.6.4) % recycling

Numeric input [must be between [0 - 100]

(10.6.5) % composting (industrial/home)

Numeric input [must be between [0 - 100]

(10.6.6) % waste to energy

Numeric input [must be between [0 - 100]

(10.6.7) % incineration

Numeric input [must be between [0 - 100]

(10.6.8) % landfill

Numeric input [must be between [0 - 100]

(10.6.9) % mismanaged waste

Numeric input [must be between [0 - 100]

(10.6.10) % leakage

Numeric input [must be between [0 - 100]

(10.6.11) % other

Numeric input [must be between [0 - 100]

(10.6.12) Please explain

*Rich text input [must be under 1000 characters]
[Fixed row]*

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none"> • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • ESRS 2 • TNFD Metrics & targets B • ESRS E5 	<ul style="list-style-type: none"> • Plastics

C11. Environmental performance - Biodiversity

(11.2) What actions has your organization taken in the reporting year to progress your biodiversity-related commitments?

(11.2.1) Actions taken in the reporting period to progress your biodiversity-related commitments

Select from:

- Yes, we are taking actions to progress our biodiversity-related commitments
- No, we are not taking any actions to progress our biodiversity-related commitments
- No, we are not taking any actions to progress our biodiversity-related commitments, but we plan to within the next two years
- No, and we do not plan to undertake any biodiversity-related actions

(11.2.2) Type of action taken to progress biodiversity- related commitments

Select all that apply

- Law & policy
- Education & awareness
- Livelihood, economic & other incentives
- Species management
- Land/water protection
- Land/water management
- Other, please specify

[Fixed row]

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none"> • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM 	<ul style="list-style-type: none"> • ESRS 2 • ESRS E4 	<ul style="list-style-type: none"> • Biodiversity

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none"> • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Biodiversity - Mines • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 		

(11.3) Does your organization use biodiversity indicators to monitor performance across its activities?

	Does your organization use indicators to monitor biodiversity performance?	Indicators used to monitor biodiversity performance
	<p><i>Select from:</i></p> <p><input checked="" type="checkbox"/> Yes, we use indicators</p> <p><input type="checkbox"/> No, we do not use indicators, but plan to within the next two years</p> <p><input type="checkbox"/> No</p>	<p><i>Select all that apply</i></p> <p><input type="checkbox"/> State and benefit indicators</p> <p><input type="checkbox"/> Pressure indicators</p> <p><input checked="" type="checkbox"/> Response indicators</p> <p><input type="checkbox"/> Other, please specify</p>

[Fixed row]

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none"> • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Biodiversity - Mines • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	<ul style="list-style-type: none"> • ESRS 2 • ESRS E4 	<ul style="list-style-type: none"> • Biodiversity

(11.4) Does your organization have activities located in or near to areas important for biodiversity in the reporting year?

Legally protected areas

(11.4.1) Indicate whether any of your organization's activities are located in or near to this type of area important for biodiversity

Select from:

Yes

- Yes (partial assessment)
- No
- Not assessed
- Data not available

(11.4.2) Comment

CPALL focuses on the manufacturing plants and distribution centers of Makro and Lotus that are situated in 616 locations outside community areas. These facilities are subject to policy considerations regarding conservation areas, protected areas, areas of critical biodiversity, and significant natural areas including forests, large water bodies, and river basins. This has been determined through an analysis conducted using the biodiversity risk assessment tool IBATBESTCAT.

UNESCO World Heritage sites

(11.4.1) Indicate whether any of your organization's activities are located in or near to this type of area important for biodiversity

Select from:

- Yes
- Yes (partial assessment)
- No
- Not assessed
- Data not available

(11.4.2) Comment

CPALL focuses on the manufacturing plants and distribution centers of Makro and Lotus that are situated in 616 locations outside community areas. These facilities are subject to policy considerations regarding conservation areas, protected areas, areas of critical biodiversity, and significant natural areas including forests, large water bodies, and river basins. This has been determined through an analysis conducted using the biodiversity risk assessment tool IBATBESTCAT.

UNESCO Man and the Biosphere Reserves

(11.4.1) Indicate whether any of your organization's activities are located in or near to this type of area important for biodiversity

Select from:

- Yes
- Yes (partial assessment)
- No
- Not assessed
- Data not available

(11.4.2) Comment

Ramsar sites

(11.4.1) Indicate whether any of your organization's activities are located in or near to this type of area important for biodiversity

Select from:

- Yes
- Yes (partial assessment)
- No
- Not assessed
- Data not available

(11.4.2) Comment

CPALL focuses on the manufacturing plants and distribution centers of Makro and Lotus that are situated in 616 locations outside community areas. These facilities are subject to policy considerations regarding conservation areas, protected areas, areas of critical biodiversity, and significant natural areas, including forests, large water bodies, and river basins. This has been determined through an analysis conducted using the biodiversity risk assessment tool IBATBESTCAT.

Key Biodiversity Areas

(11.4.1) Indicate whether any of your organization's activities are located in or near to this type of area important for biodiversity

Select from:

- Yes
- Yes (partial assessment)
- No
- Not assessed
- Data not available

(11.4.2) Comment

The Preliminary Biodiversity Metric Assessment in 2023 evaluates through the potentially significant impacts and dependencies across our business in those prioritized locations. The 3 significant biodiversity-related risks are Global Species Richness Impact, Threatened Species Impact, and Soil and Water Dependency. In addition, other biodiversity-related issues are also considered, such as Soil quality. However, the Company defined the database score for all metrics beyond the Preliminary Biodiversity Metric Assessment, which will be defined as critical risk in all metrics. In 2023, we have a critical Threatened Species, Global Species Richness, and Soil and Water Availability. Soil quality, Soil and Water Dependency, in some areas of operations and business activities in total of 52 sites with fully implemented 100% of the company risk management plan and operational measures according to the Mitigation Hierarchy to those all critical risk areas. The Company firmly respects and strictly complies with local regulations and laws. By evaluating conservation area boundaries altogether with consideration of convenience store business norms, where a central location in communities is key, it has been determined that the respective business operations have no direct impact on ecosystems and biodiversity. Nevertheless, the Company highlights the importance of biodiversity and ecosystems, which assists in enabling sustainability in society and within the organization.

Other areas important for biodiversity

(11.4.1) Indicate whether any of your organization's activities are located in or near to this type of area important for biodiversity

Select from:

- Yes
- Yes (partial assessment)
- No
- Not assessed
- Data not available

(11.4.2) Comment

[Fixed row]

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none">• Oil & Gas• Coal• General• Capital goods• Transport OEMS - EPM• Chemicals• Metals & mining• Transport services• Steel• Agricultural commodities• Electric utilities• Transport OEMS• Biodiversity - Mines• Cement• Food, beverage & tobacco• Paper & forestry• Real estate• Construction	<ul style="list-style-type: none">• ESRS 2• ESRS E4	<ul style="list-style-type: none">• Biodiversity

(11.4.1) Provide details of your organization’s activities in the reporting year located in or near to areas important for biodiversity.

Row 1

(11.4.1.2) Types of area important for biodiversity

Select all that apply

- Ramsar sites
- Key Biodiversity Areas
- UNESCO World Heritage sites
- UNESCO Man and the Biosphere Reserves
- Other areas important for biodiversity

Legally protected areas

(11.4.1.3) Protected area category (IUCN classification)

Select from:

- Category Ia-III
- Category IV-VI
- Unknown
- Not applicable

(11.4.1.4) Country/area

Select from:

- | | |
|--------------------------------|--------------------------------|
| <input type="checkbox"/> Chad | <input type="checkbox"/> Mali |
| <input type="checkbox"/> Cuba | <input type="checkbox"/> Niue |
| <input type="checkbox"/> Fiji | <input type="checkbox"/> Oman |
| <input type="checkbox"/> Guam | <input type="checkbox"/> Peru |
| <input type="checkbox"/> Iraq | <input type="checkbox"/> Togo |
| <input type="checkbox"/> Aruba | <input type="checkbox"/> Egypt |
| <input type="checkbox"/> Benin | <input type="checkbox"/> Gabon |
| <input type="checkbox"/> Chile | <input type="checkbox"/> Ghana |
| <input type="checkbox"/> China | <input type="checkbox"/> Haiti |
| <input type="checkbox"/> Congo | <input type="checkbox"/> India |
| <input type="checkbox"/> Italy | <input type="checkbox"/> Nauru |
| <input type="checkbox"/> Japan | <input type="checkbox"/> Nepal |
| <input type="checkbox"/> Kenya | <input type="checkbox"/> Niger |

- Libya
- Malta
- Samoa
- Spain
- Sudan
- Tonga
- Yemen
- Cyprus
- France
- Gambia
- Greece
- Guinea
- Latvia
- Malawi
- Mexico
- Monaco
- Norway
- Turkey
- Tuvalu
- Uganda
- Zambia
- Albania
- Bahrain
- Belarus
- Belgium
- Bermuda
- Burundi
- Ecuador
- Eritrea
- Estonia

- Palau
- Qatar
- Angola
- Belize
- Bhutan
- Brazil
- Canada
- Guyana
- Israel
- Jersey
- Jordan
- Kuwait
- Panama
- Poland
- Rwanda
- Serbia
- Sweden
- Algeria
- Andorra
- Armenia
- Austria
- Bahamas
- Comoros
- Croatia
- Curaçao
- Czechia
- Denmark
- Germany
- Grenada
- Hungary

- Finland
- Georgia
- Jamaica
- Lebanon
- Lesotho
- Liberia
- Mayotte
- Romania
- Senegal
- Somalia
- Tokelau
- Tunisia
- Botswana
- Bulgaria
- Cambodia
- Cameroon
- Colombia
- Holy See
- Honduras
- Kiribati
- Malaysia
- Maldives
- Slovakia
- Slovenia
- Suriname
- Viet Nam
- Zimbabwe
- Indonesia
- Lithuania
- Mauritius

- Iceland
- Ireland
- Morocco
- Myanmar
- Namibia
- Nigeria
- Réunion
- Ukraine
- Uruguay
- Vanuatu
- Anguilla
- Barbados
- Djibouti
- Dominica
- Eswatini
- Ethiopia
- Guernsey
- Mongolia
- Pakistan
- Paraguay
- Pitcairn
- Portugal
- Argentina
- Australia
- Gibraltar
- Greenland
- Guatemala
- Sri Lanka
- Antarctica
- Azerbaijan

- Nicaragua
- Singapore
- Costa Rica
- Guadeloupe
- Kazakhstan
- Kyrgyzstan
- Luxembourg
- Mozambique
- San Marino
- Seychelles
- Tajikistan
- Uzbekistan
- Philippines
- Puerto Rico
- Saint Lucia
- South Sudan
- Switzerland
- Sierra Leone
- South Africa
- Turkmenistan
- Åland Islands
- Bouvet Island
- New Caledonia
- Taiwan, China
- American Samoa
- Cayman Islands
- Norfolk Island
- Marshall Islands
- Papua New Guinea
- Saint Barthélemy

- Bangladesh
- Cabo Verde
- Madagascar
- Martinique
- Mauritania
- Montenegro
- Montserrat
- Afghanistan
- El Salvador
- Isle of Man
- Netherlands
- New Zealand
- Timor-Leste
- Burkina Faso
- Cook Islands
- Saint Helena
- Saudi Arabia
- Côte d'Ivoire
- Faroe Islands
- French Guiana
- Guinea-Bissau
- Liechtenstein
- Western Sahara
- North Macedonia
- Solomon Islands
- Christmas Island
- French Polynesia
- Republic of Korea
- Dominican Republic
- Russian Federation

- Brunei Darussalam
- Equatorial Guinea
- Republic of Moldova
- Trinidad and Tobago
- Bosnia & Herzegovina
- Hong Kong SAR, China
- Syrian Arab Republic
- Central African Republic
- Northern Mariana Islands
- Turks and Caicos Islands
- United States of America
- Saint Pierre and Miquelon
- French Southern Territories
- United Republic of Tanzania
- United States Virgin Islands
- British Indian Ocean Territory
- Svalbard and Jan Mayen Islands
- Saint Vincent and the Grenadines
- Heard Island and McDonald Islands
- Venezuela (Bolivarian Republic of)
- United States Minor Outlying Islands
- Democratic People's Republic of Korea
- State of Palestine
- Antigua and Barbuda
- United Arab Emirates
- Saint Kitts and Nevis
- Sao Tome and Principe
- British Virgin Islands
- Cocos (Keeling) Islands
- Sint Maarten (Dutch part)
- Wallis and Futuna Islands
- Iran (Islamic Republic of)
- Saint Martin (French part)
- Falkland Islands (Malvinas)
- Bolivia (Plurinational State of)
- Bonaire, Sint Eustatius and Saba
- Democratic Republic of the Congo
- Lao People's Democratic Republic
- Micronesia (Federated States of)
- China, Macao Special Administrative Region
- South Georgia and the South Sandwich Islands
- United Kingdom of Great Britain and Northern Ireland
- Thailand

(11.4.1.5) Name of the area important for biodiversity

Rich text input [must be under 500 characters]

(11.4.1.6) Proximity

Select from:

- Overlap
- Up to 70 km

- Adjacent
- Up to 10 km
- Up to 25 km
- Up to 50 km

- Data not available
- Up to 5 km

(11.4.1.7) Area of overlap (hectares)

Numeric input [must be between [0 - 999999]

(11.4.1.8) Briefly describe your organization's activities in the reporting year located in or near to the selected area

CPALL in collaboration with relevant agencies has carried out supporting activities in this regard which include cooperation with stakeholders to reduce terrestrial ecosystem impacts planting trees in the company area program partnership program to reduce terrestrial ecosystem impacts planting trees growing careers program and the collaborations with other sectors program etc

(11.4.1.9) Indicate whether any of your organization's activities located in or near to the selected area could negatively affect biodiversity

Select from:

- Yes, but mitigation measures have been implemented
- Yes, and no mitigation measures have been implemented
- No
- Not assessed

(11.4.1.10) Mitigation measures implemented within the selected area

Select all that apply

- Scheduling
- Restoration
- Site selection
- Project design
- Physical controls
- Abatement controls
- Operational controls
- Biodiversity offsets
- Other, please specify

(11.4.1.11) Explain how your organization's activities located in or near to the selected area could negatively affect biodiversity, how this was assessed, and describe any mitigation measures implemented

Rich text input [must be under 3000 characters]

Row 2

(11.4.1.2) Types of area important for biodiversity

Select all that apply

- Ramsar sites
- Legally protected areas
- UNESCO World Heritage sites
- UNESCO Man and the Biosphere Reserves
- Other areas important for biodiversity
- Key Biodiversity Areas

(11.4.1.3) Protected area category (IUCN classification)

Select from:

- Category Ia-III
- Category IV-VI
- Unknown
- Not applicable

(11.4.1.4) Country/area

Select from:

- Chad
- Cuba
- Fiji
- Guam
- Iraq
- Mali
- Niue
- Oman
- Peru
- Togo

- Aruba
- Benin
- Chile
- China
- Congo
- Italy
- Japan
- Kenya
- Libya
- Malta
- Samoa
- Spain
- Sudan
- Tonga
- Yemen
- Cyprus
- France
- Gambia
- Greece
- Guinea
- Latvia
- Malawi
- Mexico
- Monaco
- Norway
- Turkey
- Tuvalu
- Uganda
- Zambia
- Albania

- Egypt
- Gabon
- Ghana
- Haiti
- India
- Nauru
- Nepal
- Niger
- Palau
- Qatar
- Angola
- Belize
- Bhutan
- Brazil
- Canada
- Guyana
- Israel
- Jersey
- Jordan
- Kuwait
- Panama
- Poland
- Rwanda
- Serbia
- Sweden
- Algeria
- Andorra
- Armenia
- Austria
- Bahamas

- Bahrain
- Belarus
- Belgium
- Bermuda
- Burundi
- Ecuador
- Eritrea
- Estonia
- Finland
- Georgia
- Jamaica
- Lebanon
- Lesotho
- Liberia
- Mayotte
- Romania
- Senegal
- Somalia
- Tokelau
- Tunisia
- Botswana
- Bulgaria
- Cambodia
- Cameroon
- Colombia
- Holy See
- Honduras
- Kiribati
- Malaysia
- Maldives

- Comoros
- Croatia
- Curaçao
- Czechia
- Denmark
- Germany
- Grenada
- Hungary
- Iceland
- Ireland
- Morocco
- Myanmar
- Namibia
- Nigeria
- Réunion
- Ukraine
- Uruguay
- Vanuatu
- Anguilla
- Barbados
- Djibouti
- Dominica
- Eswatini
- Ethiopia
- Guernsey
- Mongolia
- Pakistan
- Paraguay
- Pitcairn
- Portugal

- Slovakia
- Slovenia
- Suriname
- Viet Nam
- Zimbabwe
- Indonesia
- Lithuania
- Mauritius
- Nicaragua
- Singapore
- Costa Rica
- Guadeloupe
- Kazakhstan
- Kyrgyzstan
- Luxembourg
- Mozambique
- San Marino
- Seychelles
- Tajikistan
- Uzbekistan
- Philippines
- Puerto Rico
- Saint Lucia
- South Sudan
- Switzerland
- Sierra Leone
- South Africa
- Turkmenistan
- Åland Islands
- Bouvet Island

- Argentina
- Australia
- Gibraltar
- Greenland
- Guatemala
- Sri Lanka
- Antarctica
- Azerbaijan
- Bangladesh
- Cabo Verde
- Madagascar
- Martinique
- Mauritania
- Montenegro
- Montserrat
- Afghanistan
- El Salvador
- Isle of Man
- Netherlands
- New Zealand
- Timor-Leste
- Burkina Faso
- Cook Islands
- Saint Helena
- Saudi Arabia
- Côte d'Ivoire
- Faroe Islands
- French Guiana
- Guinea-Bissau
- Liechtenstein

- New Caledonia
- Taiwan, China
- American Samoa
- Cayman Islands
- Norfolk Island
- Marshall Islands
- Papua New Guinea
- Saint Barthélemy
- Brunei Darussalam
- Equatorial Guinea
- Republic of Moldova
- Trinidad and Tobago
- Bosnia & Herzegovina
- Hong Kong SAR, China
- Syrian Arab Republic
- Central African Republic
- Northern Mariana Islands
- Turks and Caicos Islands
- United States of America
- Saint Pierre and Miquelon
- French Southern Territories
- United Republic of Tanzania
- United States Virgin Islands
- British Indian Ocean Territory
- Svalbard and Jan Mayen Islands
- Saint Vincent and the Grenadines
- Heard Island and McDonald Islands
- Venezuela (Bolivarian Republic of)
- United States Minor Outlying Islands
- Democratic People's Republic of Korea

- Western Sahara
- North Macedonia
- Solomon Islands
- Christmas Island
- French Polynesia
- Republic of Korea
- Dominican Republic
- Russian Federation
- State of Palestine
- Antigua and Barbuda
- United Arab Emirates
- Saint Kitts and Nevis
- Sao Tome and Principe
- British Virgin Islands
- Cocos (Keeling) Islands
- Sint Maarten (Dutch part)
- Wallis and Futuna Islands
- Iran (Islamic Republic of)
- Saint Martin (French part)
- Falkland Islands (Malvinas)
- Bolivia (Plurinational State of)
- Bonaire, Sint Eustatius and Saba
- Democratic Republic of the Congo
- Lao People's Democratic Republic
- Micronesia (Federated States of)
- China, Macao Special Administrative Region
- South Georgia and the South Sandwich Islands
- United Kingdom of Great Britain and Northern Ireland
- Thailand

(11.4.1.5) Name of the area important for biodiversity

Rich text input [must be under 500 characters]

(11.4.1.6) Proximity

Select from:

- Overlap
- Adjacent
- Up to 10 km
- Up to 25 km
- Up to 50 km
- Up to 70 km
- Data not available
- Up to 5 km

(11.4.1.7) Area of overlap (hectares)

Numeric input [must be between [0 - 999999]

(11.4.1.8) Briefly describe your organization's activities in the reporting year located in or near to the selected area

CPALL in collaboration with relevant agencies has carried out supporting activities in this regard which include cooperation with stakeholders to reduce terrestrial ecosystem impacts planting trees in the company area program partnership program to reduce terrestrial ecosystem impacts planting trees growing careers program and the collaborations with other sectors program etc

(11.4.1.9) Indicate whether any of your organization's activities located in or near to the selected area could negatively affect biodiversity

Select from:

- Yes, but mitigation measures have been implemented
- Yes, and no mitigation measures have been implemented
- No
- Not assessed

(11.4.1.10) Mitigation measures implemented within the selected area

Select all that apply

- Scheduling
- Restoration
- Site selection
- Project design
- Physical controls
- Abatement controls
- Operational controls
- Biodiversity offsets
- Other, please specify

(11.4.1.11) Explain how your organization's activities located in or near to the selected area could negatively affect biodiversity, how this was assessed, and describe any mitigation measures implemented

Rich text input [must be under 3000 characters]

Row 3

(11.4.1.2) Types of area important for biodiversity

Select all that apply

- Key Biodiversity Areas
- Legally protected areas
- UNESCO World Heritage sites
- UNESCO Man and the Biosphere Reserves
- Other areas important for biodiversity
- Ramsar sites

(11.4.1.3) Protected area category (IUCN classification)

Select from:

- Category Ia-III
- Category IV-VI
- Unknown
- Not applicable

(11.4.1.4) Country/area

Select from:

- Chad
- Cuba
- Fiji
- Guam
- Iraq
- Aruba
- Benin
- Chile
- China
- Congo
- Italy
- Japan
- Kenya
- Libya
- Malta
- Samoa
- Spain
- Sudan
- Tonga
- Yemen
- Cyprus
- France
- Gambia
- Greece
- Guinea
- Latvia
- Malawi
- Mexico
- Monaco

- Mali
- Niue
- Oman
- Peru
- Togo
- Egypt
- Gabon
- Ghana
- Haiti
- India
- Nauru
- Nepal
- Niger
- Palau
- Qatar
- Angola
- Belize
- Bhutan
- Brazil
- Canada
- Guyana
- Israel
- Jersey
- Jordan
- Kuwait
- Panama
- Poland
- Rwanda
- Serbia

- Norway
- Turkey
- Tuvalu
- Uganda
- Zambia
- Albania
- Bahrain
- Belarus
- Belgium
- Bermuda
- Burundi
- Ecuador
- Eritrea
- Estonia
- Finland
- Georgia
- Jamaica
- Lebanon
- Lesotho
- Liberia
- Mayotte
- Romania
- Senegal
- Somalia
- Tokelau
- Tunisia
- Botswana
- Bulgaria
- Cambodia
- Cameroon

- Sweden
- Algeria
- Andorra
- Armenia
- Austria
- Bahamas
- Comoros
- Croatia
- Curaçao
- Czechia
- Denmark
- Germany
- Grenada
- Hungary
- Iceland
- Ireland
- Morocco
- Myanmar
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- Nigeria
- Réunion
- Ukraine
- Uruguay
- Vanuatu
- Anguilla
- Barbados
- Djibouti
- Dominica
- Eswatini
- Ethiopia

- Colombia
- Holy See
- Honduras
- Kiribati
- Malaysia
- Maldives
- Slovakia
- Slovenia
- Suriname
- Viet Nam
- Zimbabwe
- Indonesia
- Lithuania
- Mauritius
- Nicaragua
- Singapore
- Costa Rica
- Guadeloupe
- Kazakhstan
- Kyrgyzstan
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- Tajikistan
- Uzbekistan
- Philippines
- Puerto Rico
- Saint Lucia
- South Sudan

- Guernsey
- Mongolia
- Pakistan
- Paraguay
- Pitcairn
- Portugal
- Argentina
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- Cabo Verde
- Madagascar
- Martinique
- Mauritania
- Montenegro
- Montserrat
- Afghanistan
- El Salvador
- Isle of Man
- Netherlands
- New Zealand
- Timor-Leste
- Burkina Faso
- Cook Islands
- Saint Helena

- Switzerland
- Sierra Leone
- South Africa
- Turkmenistan
- Åland Islands
- Bouvet Island
- New Caledonia
- Taiwan, China
- American Samoa
- Cayman Islands
- Norfolk Island
- Marshall Islands
- Papua New Guinea
- Saint Barthélemy
- Brunei Darussalam
- Equatorial Guinea
- Republic of Moldova
- Trinidad and Tobago
- Bosnia & Herzegovina
- Hong Kong SAR, China
- Syrian Arab Republic
- Central African Republic
- Northern Mariana Islands
- Turks and Caicos Islands
- United States of America
- Saint Pierre and Miquelon
- French Southern Territories
- United Republic of Tanzania
- United States Virgin Islands
- British Indian Ocean Territory

- Saudi Arabia
- Côte d'Ivoire
- Faroe Islands
- French Guiana
- Guinea-Bissau
- Liechtenstein
- Western Sahara
- North Macedonia
- Solomon Islands
- Christmas Island
- French Polynesia
- Republic of Korea
- Dominican Republic
- Russian Federation
- State of Palestine
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- Bonaire, Sint Eustatius and Saba
- Democratic Republic of the Congo
- Lao People's Democratic Republic

- Svalbard and Jan Mayen Islands
- Saint Vincent and the Grenadines
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- United States Minor Outlying Islands
- Democratic People's Republic of Korea

- Micronesia (Federated States of)
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(11.4.1.5) Name of the area important for biodiversity

Rich text input [must be under 500 characters]

(11.4.1.6) Proximity

Select from:

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(11.4.1.9) Indicate whether any of your organization's activities located in or near to the selected area could negatively affect biodiversity

Select from:

- Yes, but mitigation measures have been implemented
- Yes, and no mitigation measures have been implemented
- No
- Not assessed

(11.4.1.10) Mitigation measures implemented within the selected area

Select all that apply

- Scheduling
- Restoration
- Site selection
- Project design
- Physical controls
- Abatement controls
- Operational controls
- Biodiversity offsets
- Other, please specify

(11.4.1.11) Explain how your organization's activities located in or near to the selected area could negatively affect biodiversity, how this was assessed, and describe any mitigation measures implemented

Rich text input [must be under 3000 characters]

[Add row]

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none"> • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel 	<ul style="list-style-type: none"> • ESRS 2 • ESRS E4 • TNFD Strategy B 	<ul style="list-style-type: none"> • Biodiversity

Questionnaire sector	Framework Alignment	Environmental Issue
<ul style="list-style-type: none"> • Agricultural commodities • Electric utilities • Transport OEMS • Biodiversity - Mines • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 		

C13. Further information & sign off

(13.1) Indicate if any environmental information included in your CDP response (not already reported in 7.9.1/2/3, 8.9.1/2/3/4, and 9.3.2) is verified and/or assured by a third party?

	Other environmental information included in your CDP response is verified and/or assured by a third party	Primary reason why other environmental information included in your CDP response is not verified and/or assured by a third party	Explain why other environmental information included in your CDP response is not verified and/or assured by a third party
	<p>Select from:</p> <p><input checked="" type="checkbox"/> Yes</p> <p><input type="checkbox"/> Third-party verification/assurance is currently in progress</p> <p><input type="checkbox"/> No, but we plan to obtain third-party verification/assurance of other environmental information in our CDP response within the next two years</p> <p><input type="checkbox"/> No, and we do not plan to obtain third-party verification/assurance of other environmental information in our CDP response within the next two years</p>	<p>Select from:</p> <p><input type="checkbox"/> Lack of internal resources, capabilities, or expertise (e.g., due to organization size)</p> <p><input type="checkbox"/> No standardized procedure</p> <p><input type="checkbox"/> Not an immediate strategic priority</p> <p><input type="checkbox"/> Judged to be unimportant or not relevant</p> <p><input type="checkbox"/> Other, please specify</p>	<p>Rich text input [must be under 2000 characters]</p>

[Fixed row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Biodiversity • Plastics • Climate Change • Forests 	<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals 	<ul style="list-style-type: none"> • AFi Core Principle 11

Environmental Issue	Questionnaire sector	Framework Alignment
	<ul style="list-style-type: none"> • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Biodiversity - Mines • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	

(13.1.1) Which data points within your CDP response are verified and/or assured by a third party, and which standards were used?

Row 1

(13.1.1.1) Environmental issue for which data has been verified and/or assured

Select all that apply

- Climate change
- Plastics
- Biodiversity

(13.1.1.2) Disclosure module and data verified and/or assured

Introduction

- All data points in module 1

- Other data point in module 1, please specify

Identification, assessment, and management of dependencies, impacts, risks, and opportunities

- Identification of priority locations
- Identification, assessment, and management processes
- All data points in module 2
- Other data point in module 2, please specify

Disclosure of risks and opportunities

- Financial effect of environmental opportunities
- Financial effect of environmental risks
- All data points in module 3
- Other data point in module 3, please specify

Governance

- Environmental policies
- All data points in module 4
- Other data point in module 4, please specify

Business strategy

- Transition plans
- Scenario analysis
- All data points in module 5
- Internal pricing of environmental externalities
- Supplier compliance with environmental requirements
- Sustainable finance taxonomy aligned spending/revenue
- Other data point in module 5, please specify

Environmental performance – Consolidation approach

- Consolidation approach
- All data points in module 6
- Other data point in module 6, please specify

Environmental performance – Climate change

- Waste data
- Carbon removals
- Methane emissions
- Product footprint
- Progress against targets
- Energy attribute certificates (EACs)
- Emissions breakdown by business division
- Year on year change in land use change emissions
- Renewable Electricity/Steam/Heat/Cooling generation
- Year on year change in absolute emissions (Scope 3)
- Base year emissions
- Electricity/Steam/Heat/Cooling generation
- Electricity/Steam/Heat/Cooling consumption
- Emissions reduction initiatives/activities
- Other data point in module 7, please specify

- Renewable fuel consumption
- Target-setting methodology
- All data points in module 7
- Project-based carbon credits
- Emissions breakdown by country/area
- Renewable Electricity/Steam/Heat/Cooling consumption
- Year on year change in emissions intensity (Scope 3)
- Year on year change in absolute emissions (Scope 1 and 2)
- Year on year change in emissions intensity (Scope 1 and 2)
- Fuel consumption

Environmental performance – Forests

- Ecosystem restoration and long-term protection projects
- Origins of sourced volumes
- Traceability data
- All data points in module 8
- Other data point in module 8, please specify

Environmental performance – Water security

- All data points in module 9
- Water consumption– total volume
- Water discharges– total volumes
- Water withdrawals– total volumes
- Water withdrawals – volumes by source
- Revenue associated with products containing hazardous substances

- Emissions to water in the reporting year
- Water discharges – volumes by destination
- Water intensities of products and services
- Water discharges – volumes by treatment method
- Volume withdrawn from areas with water stress (megaliters)

- Facilities with water-related dependencies, impacts, risks and opportunities
- Other data point in module 9, please specify

Environmental performance – Plastics

- Waste generated
- All data points in module 10
- End-of-life management pathways
- Raw material content - plastic polymers
- Raw material content - plastic packaging
- Circularity potential of plastic packaging
- Raw material content - durable goods/products and/or durable components
- Other data point in module 10, please specify

(13.1.1.3) Verification/assurance standard

General standards

- ASAE 3000
- CSAE 3000
- ISAE 3000
- Dutch Standard 3000A
- Verified Carbon Standard (VCS)
- Compagnie Nationale des Commissaires aux Comptes (CNCC)
- International Sustainability and Carbon Certification (ISCC)
- ISAE 3410, Assurance Engagements on Greenhouse Gas Statements
- DNV Verisustain Protocol / Verification Protocol for Sustainability Reporting
- CRevR 6 Bestyrkande av hållbarhetsredovisning (RevR 6 Assurance of Sustainability)
- RevR6 Procedure for assurance of sustainability report from Far, the Swedish auditors professional body
- Attestation Standards (AT-C Section 105 & 210/205) established by the American Institute of Certified Public Accountants (AICPA)
- Standard 3810N Assurance engagements relating to sustainability reports of the Royal Netherlands Institute of Registered Accountants
- IDW AsS 821: IDW Assurance Standard: Generally Accepted Assurance Principles for the Audit or Review of Reports on Sustainability Issues
- AA1000AS
- Other general verification standard, please specify
- Sustainable Biomass Program (SBP)
- SGS Sustainability Report Assurance
- Aluminium Stewardship Initiative (ASW)
- Roundtable on Sustainable Biomaterials (RSB)
- SURE (Sustainable Resources Verification Scheme)

Water-related standards

- Alliance for Water Stewardship certification
- Other water verification standard, please specify

Forests-related standards

- ProTerra
- Rainforest Alliance
- IRF data verification protocol
- Forest Stewardship Council (FSC)
- Round Table on Responsible Soy (RTRS)
- Sustainable Forestry Initiative (SFI)
- Roundtable on Sustainable Palm Oil (RSPO)
- Programme for the Endorsement of Forest Certification (PEFC)
- Other forests verification standard, please specify

Climate change-related standards

- ASAE 3410
- CSAE 3410
- SSAFE 3000
- ISO 14064-3
- ISO 14064-1
- Toitū climate positive
- Swiss Climate CO2 label
- Alberta Specified Gas Emitters
- Tokyo Emissions Trading Scheme
- Chicago Climate Exchange verification standard
- ERT Standard "Corporate Greenhouse Gas Verification"
- IRECS (International Renewable Energy Certificate services)
- Saitama Prefecture Target-Setting Emissions Trading Program A.C
- The Climate Registry's General Verification Protocol (GVP) Verification
- Australia National Greenhouse and Energy Regulations (NGER Act) Section 5025
- Advanced technologies promotion Subsidy Scheme with Emission reduction Target (ASSET)
- Toitū carbon reduce
- Earthcheck Certified
- Carbon Trust Standard
- Toitū net carbon zero
- Climate Action Reserve
- Corporate GHG Verification Guidelines from ERT
- ERM GHG Performance Data Assurance Methodology
- Korean GHG and energy target management system
- Spanish Institute of Registered Auditors (ICJCE)
- Thai Greenhouse Gas Management Organization (TGO)
- ABNT NBR ISO 14064-3:2007 (Associação Brasileira de Normas Técnicas)
- Airport Carbon Accreditation (ACA) des Airports Council International Europe
- NMX-SAA-14064-3-IMNC: Instituto Mexicano de Normalización y Certificación
- JVETS (Japanese Voluntary Emissions Trading Scheme) Guideline for
- Canadian Institute of Chartered Accountants (CICA) Handbook: Assurance

- California Mandatory GHG Reporting Regulations (Californian Air Resources Board regulations)
- Verification under the EU Emissions Trading Scheme (EU ETS) Directive and EU ETS related national implementation laws
- IDW PS 821: IDW IDW Prüfungsstandard: Grundsätze ordnungsmäßiger Prüfung oder prüferischer Durchsicht von Berichtenim Bereich der Nachhaltigkeit
- State of Israel Ministry of Environmental Protection, VERIFICATION OF GREENHOUSE GAS EMISSIONS AND EMISSIONS REDUCTION IN ISRAEL GUIDANCE DOCUMENT FOR CONDUCTING VERIFICAITONS, Process A
- Other climate change verification standard, please specify

Plastics-related standards

- ISO 15270:2008
- SCS Recycled Content Certification
- Other plastics verification standard, please specify

(13.1.1.4) Further details of the third-party verification/assurance process

Rich text input [must be under 2000 characters]

(13.1.1.5) Attach verification/assurance evidence/report (optional)

BGK00001000_CPALL_Assurance Statement_SR2023_for client confirmation 20.06.pdf
[Add row]

Environmental Issue	Questionnaire sector	Framework Alignment
<ul style="list-style-type: none"> • Water • Biodiversity • Plastics • Climate Change • Forests 	<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining 	<ul style="list-style-type: none"> • ESRS 2 • IFRS S2 34 • AFi Core Principle 11 • ESRS E1

Environmental Issue	Questionnaire sector	Framework Alignment
	<ul style="list-style-type: none"> • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Biodiversity - Mines • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction 	

(13.2) Use this field to provide any additional information or context that you feel is relevant to your organization's response. Please note that this field is optional and is not scored.

	Additional information	Attachment (optional)
	<i>Rich text input [must be under 10000 characters]</i>	<i>Attachment input [number of attachment 1]</i>

[Fixed row]

Environmental Issue	Questionnaire sector
<ul style="list-style-type: none"> • Water • Biodiversity • Plastics • Climate Change 	<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General

Environmental Issue	Questionnaire sector
<ul style="list-style-type: none"> • Forests 	<ul style="list-style-type: none"> • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction

(13.3) Provide the following information for the person that has signed off (approved) your CDP response.

(13.3.1) Job title

Senior General Manager of Corporate Sustainability Management

(13.3.2) Corresponding job category

Select from:

- President
- Board chair
- Risk manager
- Energy manager

- Facilities manager
- Procurement manager
- Board/Executive board
- Other C-Suite Officer

- Director on board
- Public affairs manager
- Chief Risk Officer (CRO)
- Process operation manager
- Chief Executive Officer (CEO)
- Chief Financial Officer (CFO)
- Other, please specify

[Fixed row]

- Business unit manager
- Chief Operating Officer (COO)
- Chief Procurement Officer (CPO)
- Chief Sustainability Officer (CSO)
- Environmental, health and safety manager
- Environment/Sustainability manager

Environmental Issue	Questionnaire sector
<ul style="list-style-type: none"> • Water • Biodiversity • Plastics • Climate Change • Forests 	<ul style="list-style-type: none"> • Financial services • Oil & Gas • Coal • General • Capital goods • Transport OEMS - EPM • Chemicals • Metals & mining • Transport services • Steel • Agricultural commodities • Electric utilities • Transport OEMS • Cement • Food, beverage & tobacco • Paper & forestry • Real estate • Construction

