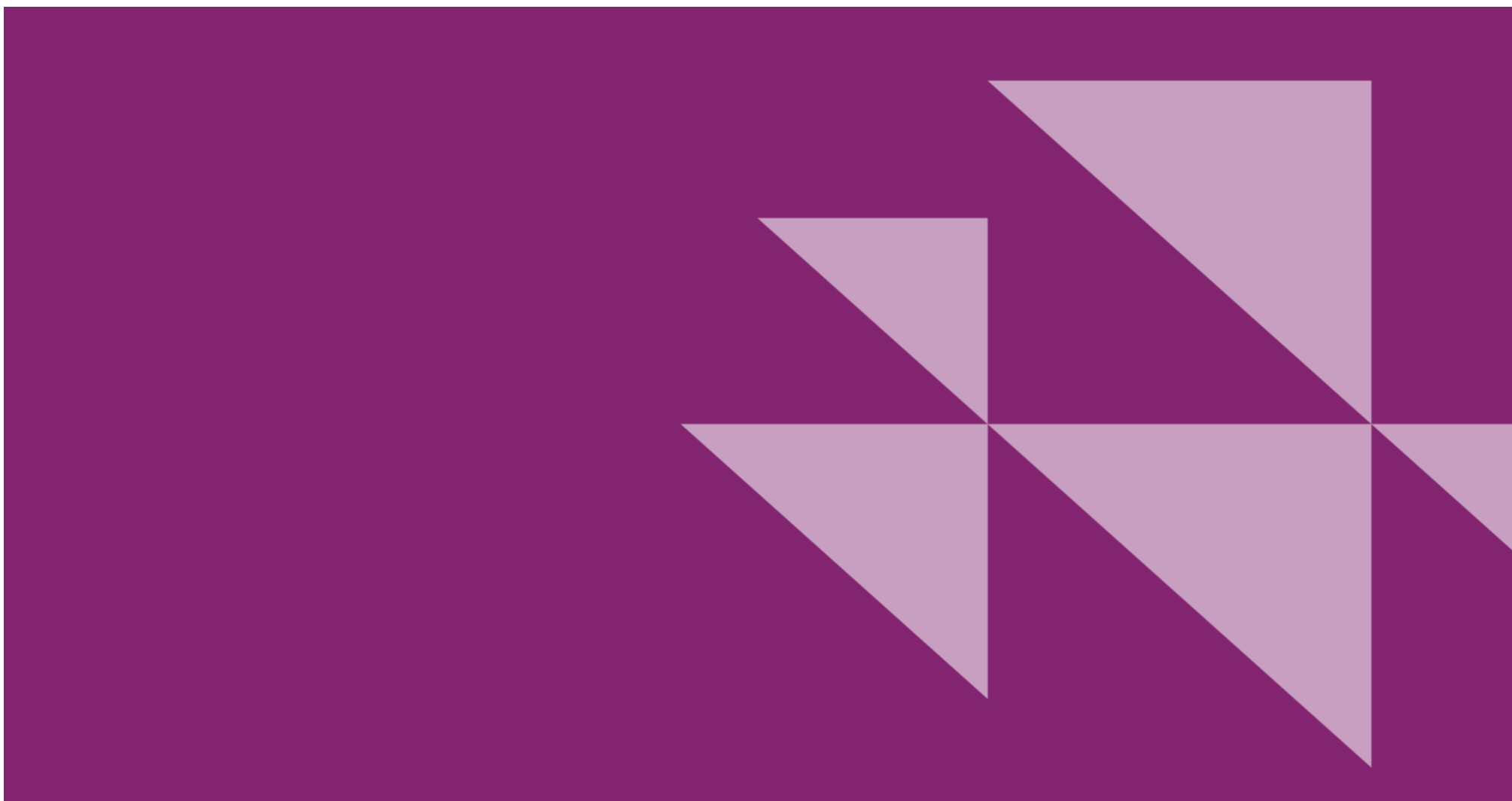

CDP Climate Change 2020 Questionnaire





Climate-KIC



Climate-KIC is supported by the EIT, a body of the European Union

Copyright © 2020 CDP Worldwide. All rights reserved.

CDP Climate Change Questionnaire Preview and Reporting Guidance 2020 - Version Control

| Version number | Release/Revision date | Revision summary |
|----------------|-----------------------------|---|
| 1.0 | Released: December 16, 2019 | The 2020 climate change questionnaire preview and preliminary version of the reporting guidance was released. |
| 2.0 | Released: March 13, 2020 | <ul style="list-style-type: none"> ● C1.1a, C2.2a: Modification to "Requested content" for "Please explain". ● C2.3a: Modification to "Requested content" for "Explanation of financial impact figure" and "Description of response and explanation of cost calculation". ● C2.4a: Modification to "Requested content" for "Explanation of financial impact figure" and "Strategy to realize opportunity and explanation of cost calculation". ● C3.1d, C3.1e: Modification to "Requested content" for "Description of influence". ● C3.1f: Updated character limit to 7000 characters. ● C6.10: Modification to "Requested content" for "Reason for change". ● C8.2e: Modification to "Requested content". <p><i>Real estate and construction sectors:</i></p> <ul style="list-style-type: none"> ● C-CN6.6c/C-RE6.6c, C-RE9.9a, C-CN9.10a/C-RE9.10a: Property classification updated in line with 2020 GRESB Real Estate Assessment – column header renamed to "Property sector" and drop-down options revised. <p><i>Financial services sectors:</i></p> <ul style="list-style-type: none"> ● C2.3a: Modification to a drop-down option in "Primary potential financial impact". ● C-FS2.2f: Modification to "Please explain". |
| 2.1 | Released: March 31, 2020 | <ul style="list-style-type: none"> ● C3.1d, C3.1e, C4.2a: Added "Example response". |
| 2.2 | Released: April 14, 2020 | <ul style="list-style-type: none"> ● The Terms were added for the 2020 Investor and Supply Chain questionnaires. ● The Deadline for submission was updated to: August 26, 2020. |
| 2.3 | Released: May 7, 2020 | <ul style="list-style-type: none"> ● C3.1e: Updated character limit to 7000 characters for "Description of influence". |
| 2.4 | Released: May 28, 2020 | <ul style="list-style-type: none"> ● C-EU8.2d: Modification to "Requested content" and "Change from last year". ● C-MM9.3a: Modification to "Requested content" for "Production, copper-equivalent units, metric tons". ● C-MM9.3b: Modification to "Change from last year". |
| 2.5 | Released: June 11, 2020 | <ul style="list-style-type: none"> ● C8.2e: Modification to "Requested content" for "General" and "MWh consumed accounted for at a zero emission factor" |

CDP disclosure cycle 2020

Accessing questionnaire previews, reporting guidance, and scoring methodologies

CDP's corporate questionnaire previews, reporting guidance, and scoring methodologies for climate change, forests and water security can be accessed from the [guidance for companies](#) page of CDP's website.

Submitting a response to the questionnaire(s)

Responses to questionnaires must be submitted via CDP's Online Response System (ORS), which is part of CDP's online disclosure platform. Please refer to [Using CDP's Online Disclosure Platform](#) for more details. Please note that while the questions themselves are the same in the questionnaire preview as they are in the ORS, the display format of some questions may differ, particularly for drop-down options and tables.

Sector-specific questions

Companies in high-impact sectors, in addition to the general questions, will be presented with questions specific to that sector. The rationale for developing a refined questionnaire for each of these sectors is outlined in the relevant sector introduction.

The sector-specific questions to companies are defined by [CDP's Activity Classification System \(CDP-ACS\)](#). This system categorizes companies by focusing on the activities from which they derive revenue and associating these with the impacts to their business from climate change, water security and deforestation.

Please note that since each questionnaire includes sector-specific questions throughout, and not all questions will be applicable to your organization, some question numbers may skip.

Full and Minimum versions of the questionnaire

All organizations completing the climate change, forests and water security questionnaires are eligible to complete the full questionnaire.

In some cases, organizations may be eligible to complete a minimum version which contains fewer questions, and no sector-specific questions or data points. Organizations are eligible to complete the minimum version in the following circumstances:

- They are disclosing to that questionnaire for the first time; OR
- They are not disclosing to that questionnaire for the first time, but have an annual revenue of less than EUR/US \$250 million*

Organizations opting to complete a minimum version will only be eligible for scoring if they are submitting a response to customers (CDP Supply chain members). For more information on scoring eligibility and implications, please see our [Scoring Introduction](#).

* For previous responders to a questionnaire with an annual revenue of less than EUR/US\$250 million, CDP reserves the right to remove the option of a minimum version questionnaire due to the organization's potential or existing environmental impact.

Timeline:

| | |
|---------------|---|
| December 2019 | ● Preview of 2020 questionnaires and preliminary version of reporting guidance released on CDP website. |
| March 2020 | ● Final version of reporting guidance and scoring methodologies released on CDP website. |
| April 2020 | ● Online Response System (ORS) opens in the week commencing 13 April 2020. |
| August 2020 | ● Companies must submit their responses to investors and/or customers using the ORS by 26 August 2020 to be eligible for scoring and inclusion in reports (where applicable). |

For any disclosure-related enquiries, please contact your regional CDP contact, or respond@cdp.net.

CDP climate change questionnaire

This questionnaire is the property of CDP Worldwide, reproduction of all or part (including within software platforms) without permission of CDP Worldwide is prohibited. Please contact partnerships@cdp.net for more information on this.

Introduction to CDP's climate change program and questionnaire

The 2015 Paris Agreement was a tipping point in the global approach to climate change. By agreeing to limit global temperature rises to well below 2°C, governments have committed to transforming to a low-carbon economy. This transition will create winners and losers within and across business sectors, as the manifestation of climate-related opportunities and risks accelerates in both size and scope. Business as usual will not be a good indicator of how companies will perform.

CDP believes that improving corporate awareness through measurement and disclosure is essential to the effective management of carbon and climate change risk. We request information on climate risks and low-carbon opportunities from the world's largest companies on behalf of investors, customers, and policy makers.

Regulators have begun to respond to the risks, notably with the Task Force on Climate-related Financial Disclosures (TCFD). Established by the Financial Stability Board, the TCFD has moved the climate disclosure agenda forward by emphasizing the link between climate-related risk and financial stability. The Task Force has recommended that both companies and investors disclose climate change information. This includes whether they are conducting scenario analysis in line with a 2-degree pathway and then setting out how climate-related issues impact their strategy and financial planning. This amplifies the long-standing call from CDP's investor signatories for companies to disclose comprehensive, comparable environmental data in their mainstream reports, driving climate-related risk management further into the boardroom.

Commit to Action

CDP and its partners in the [We Mean Business](#) coalition have created a central platform for companies to tackle key climate issues, with hundreds of companies from every economic sector and geography taking action to date. The We Mean Business [Take Action](#) platform gives companies a clear pathway for building the Paris Agreement into their business strategies and to future-proof growth, giving policy makers the confidence in raising their ambitions as governments prepare to ratchet up their national pledges in 2020.

Companies who have made commitments through We Mean Business can track progress against them via CDP's annual disclosure requests. For example, companies can track their commitment to adopt a science-based emissions reduction target by answering C4.1 and C4.2 sub-questions in detail. For more specific information on each commitment and how companies can report on their progress in the relevant sections of CDP's questionnaires, please refer to the ["Commit to Action Technical Note"](#).

Climate change questionnaire structure

There are 14 modules in the general climate change questionnaire, including the Introduction and Signoff modules, plus a module presented only to organizations that are responding to a customer request from one or more CDP Supply Chain Members. The journey through CDP's general climate change questionnaire includes the following:

- Governance
- Risks and opportunities
- Business strategy
- Targets and performance
- Emissions methodology
- Emissions data
- Energy
- Additional metrics
- Verification
- Carbon pricing
- Engagement

Sector approach

The structure of the CDP climate change questionnaire was redesigned in 2018 in response to market needs and trends in corporate climate change reporting. Revisions included the inclusion of the TCFD recommendations, an increased emphasis on forward-looking metrics, improved alignment with other reporting frameworks, and the integration of sector-specific questions.

For climate change, CDP has incorporated sector-specific questions for 16 high-impact sectors.

Each question number in the climate change questionnaire begins with the letter C. Questions that are unique to companies in a particular sector are labelled using a two-letter abbreviation within the question number. These abbreviations are noted below.

2020 climate change sectors:

- Agriculture: Agriculture commodities (AC); Food, beverage & tobacco (FB); Paper & forestry (PF)
- Energy: Coal (CO); Electric utilities (EU); Oil & gas (OG)
- Financial: Financial services (FS)
- Materials: Cement (CE); Capital goods (CG); Chemicals (CH); Construction (CN); Metals & mining (MM); Real estate (RE); Steel (ST)
- Transport: Transport services (TS); Transport OEMs (TO)

Climate change questionnaire changes in 2020

The changes for 2020 complete CDP's alignment with the sectors included in the TCFD recommendations. Other changes include revisions to simplify existing modules and questions, correct errors and improve alignment across CDPs questionnaires.

Modifications include:

- New sector-specific questions for the capital goods, construction, financial services, and real estate sectors.
- Modules C2, C3 and C4 revised to remove repetitions, clarify the data requested and improve question pathways.
- Some general questions removed for the electric utilities and financial services sectors.

Revisions and changes are indicated within the questionnaire as: "no change", "minor change" or "modified question". "Minor change" indicates wording edits and revisions to drop-down options or a simple clarification, while a "modified question" indicates that the data requested has been revised. A detailed document on [climate change question changes from 2019 to 2020](#) can be found on the Guidance page of the website.

Sector introduction: Agricultural commodities (AC)

Activities in the agricultural commodities sector include producing, processing and distributing raw materials (crops and/or livestock) that will be used as ingredients in the manufacturing and packaging of consumer goods by the food, beverage and tobacco sector. This includes the small-scale production of non-timber forest products (e.g. rubber, nuts, seeds, etc.). The agricultural commodities sector is fundamentally dependent on natural resources, and thus directly affected by climate change. Climate-related risks associated with the sector include physical risks such as changing weather patterns, and regulatory risks relating to farm management practices (e.g. the use of fertilizers and pesticides, land use, livestock management etc.). Emissions are associated with the entire agricultural commodities value chain, therefore a whole value chain approach is advised; including consideration of emissions resulting from the consumption of products.

CDP's agricultural commodities questions focus on the following topics:

- Land management practices with climate change mitigation/adaptation benefits;
- Biogenic carbon pertaining to direct operations;
- Commodity-specific emissions intensity data related to the activities performed by your organisation; and
- Scope 1 and Scope 3 emissions breakdowns by relevant business activity.

This CDP sector aligns with the TCFD's Agriculture, Food, and Forest Products group, along with the food, beverage and tobacco (FB), and paper & forestry sectors (PF).

Sector introduction: Capital goods (CG)

The capital goods sector provides products and services to key high emitting end markets, such as power generation, construction, transportation, and industry. It is not an emissions intensive sector from direct emissions (Scope 1) or indirect emissions from energy use (Scope 2). However, indirect emissions in the value chain (Scope 3) are key for the sector, with the majority related to the use of sold products and services. Capital goods producers must therefore be able to understand their indirect emissions profile and manage their product-related climate change risks if they are to ensure future competitive success and be prepared for any product-related regulation. Investment in research and development of energy efficient low-carbon products with scope for system-wide change will be also key for the capital goods sector's transition to a low-carbon future.

CDP's capital goods sector questions focus on the following topics:

- Life cycle emissions assessment of products and services;
- Year-on-year Scope 3 emissions performance;
- Efficiency metrics for products and/or services; and
- Investments in low-carbon R&D.

This CDP sector aligns with the TCFD's Materials and Buildings group, along with cement (CE), chemicals (CH), construction (CN), metals and mining (MM), real estate (RE) and steel (ST).

Sector introduction: Cement (CE)

Activities in the cement sector encompass those associated with concrete production: from limestone quarrying to concrete end-of-life. Producing cement is an energy intensive process, with most of the GHG emissions for cement production originating from the combustion of fossil fuels for the required heating of key ingredients to about 1450°C in massive cement kilns. In addition, significant CO₂ emissions are released as process emissions during production. Increasing energy efficiency, fuel switching, reducing clinker content, and moving to more efficient dry process kilns with pre-calciner and pre-heating technologies are examples of ways the cement industry can reduce its emissions.

CDP's cement sector questions focus on the following topics:

- Emissions intensities of key industry products;
- Scope 1 and Scope 2 emissions breakdowns by sector production activities;
- Energy consumption and generation breakdowns; and
- Investments in low-carbon R&D .

This CDP sector aligns with the TCFD's Materials and Buildings group, along with capital goods (CG), chemicals (CH), construction (CN), metals and mining (MM), real estate (RE) and steel (ST).

Sector introduction: Chemicals (CH)

The chemicals sector is diverse, creating an immense variety of products such as commodity chemicals, specialty chemicals, life science products, and consumer care products. Most emissions originate from either fossil fuel combustion during the production process, or as process chemical emissions. Process redesign, increased heat production efficiency through cogeneration, and fuel-switching are examples of ways the chemicals sector can cut emissions. Depending on feedstocks used, this sector may have significant upstream emissions, thus feedstock switching from fossil to bio-based fuels may also reduce significant emissions.

CDP's chemicals questions focus on the following topics:

- Scope 1 and Scope 2 emissions breakdowns by sector production activities;
- Scope 3 category 1 emissions by feedstock;
- Energy consumption and generation breakdowns;
- Feedstock consumption;
- Emissions intensities of key industry products;
- Production and capacity of key industry products; and
- Investments in low-carbon R&D .

This CDP sector aligns with the TCFD's Materials and Buildings group, along with capital goods (CG), cement (CE), construction (CN), metals and mining (MM), real estate (RE) and steel (ST).

Sector introduction: Coal (CO)

Activities in the coal sector include coal extraction, coal-based fuel production, and coal-based energy generation. Coal combustion contributes the largest share of the anthropogenic greenhouse gas increase in the atmosphere and dominates power generation globally (IEA, 2017: Tracking Clean Energy Progress). The coal sector faces increasing regulatory and market pressures in its downstream use, including competition from natural gas and renewables. As such, direct and use-phase emissions are strategic risks for coal companies.

CDP's coal questions focus on the following topics:

- Specific methane reduction targets, and flaring and methane leak detection and reduction;
- Scope 1 and Scope 2 emissions breakdown by sector production activities;
- Additional metrics for the coal industry on coal reserves and production; and
- Investments in low-carbon R&D.

This CDP sector aligns with the TCFD's Energy group, along with electric utilities (EU), and oil & gas (OG).

Sector introduction: Construction (CN)

The construction sector is complex, with different types of companies operating at different points in the value chain; spanning across design, materials manufacturing, construction and life cycle maintenance. Although it is important to draw distinct lines of responsibility for CO₂ emissions within the buildings value chain, all of the actors in this sector need to align their actions if we are to achieve the Paris Agreement goals, for which the reduction of building-related emissions will play a critical role. Buildings are currently responsible for 39% of global GHG emissions. The sizeable part of these emissions is attributable not only to the construction process itself, but also to materials manufacturing (embodied emissions) and to operational emissions during the use stage of buildings. With the present global building floor area set to more than double by 2060, there will be increased demand for construction materials for new buildings, extensions, renovations and infrastructure; creating significant and immediate carbon emissions before a project's completion.

CDP's construction sector questions focus on the following topics:

- Assessment of buildings' life cycle emissions and embodied carbon emissions data;
- Net zero carbon buildings; and
- Investments in low-carbon R&D.

This CDP sector aligns with the TCFD's Materials and Buildings group, along with capital goods (CG), cement (CE), chemicals (CH), metals and mining (MM), real estate (RE) and steel (ST).

Sector introduction: Electric utilities (EU)

Climate change is a strategic issue for the electric utilities sector, as power generation is the single largest emitter of CO₂, accounting for around 25% of global emissions (IPCC, 2014: Climate Change 2014: Synthesis Report. Contribution of Working Groups I, II and III to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change). With the increasing commercialization of renewable energy sources and the advent of decentralized power production, the electric utilities sector has the potential to undergo a key transition to low-carbon energy sources (IIGCC, 2016: Investor Expectations of Electric Utility Companies: Looking down the line at carbon asset risk).

CDP's electric utilities sector questions are based on research and frameworks relevant to this sector, including CDP's ACT pilot project which focused on this industry. The questions focus on the following topics:

- Methane emissions reduction;
- Scope 1 emissions breakdown by sector production activities;
- Power generation capacity;
- Global transmission and distribution business;
- CAPEX plans for power generation and products and services; and
- Investments in low-carbon R&D.

This CDP sector aligns with the TCFD's Energy group along with coal (CO), electric utilities (EU), and oil & gas (OG).

Sector introduction: Financial Services (FS)

Activities in the financial services sector include bank lending, investing (asset management and/or asset ownership) and insurance underwriting. The recommendations of the Task Force on Climate-related Financial Disclosures (TCFD) highlight the important role of the financial sector as preparers of climate-related financial disclosures. Disclosure by this sector will enable investors, central banks, regulators/supervisors and other relevant stakeholders to better understand the concentrations of carbon-related assets in the financial sector and the financial system's exposures to climate-related risks. The supplemental guidance provided by the Task Force focuses on the importance of considering the impacts of climate-related issues in the context of their financial activities such as lending, financial intermediary, investment and/or

insurance underwriting activities. Organizations in the FS sector should respond to the CDP climate change questionnaire in the context of these financing activities, in addition to operational activities where appropriate. Along with new sector-specific questions and modifications to existing questions, specific guidance has been included to clarify the type of information banks, insurance companies and asset managers should consider in their response. The questionnaire shifts focus from Scope 1 and Scope 2 emissions to a more in-depth disclosure of Scope 3 category 15 "Investments" emissions.

CDP's financial services questions focus on the following topics:

- Portfolio exposure to climate-related risks and opportunities;
- Climate-related issues in the organization's policy framework;
- Exclusion policies;
- Engagement with clients and investee companies;
- Portfolio impact (Scope 3 category 15 "Investments" emissions or alternative exposure metrics);
- Portfolio alignment to a well below 2-degree world; and
- Climate-related considerations in employment-based retirement schemes.

This CDP sector aligns with the TCFD's Financial Sector including Banks, Insurance Companies, Asset Owners and Asset Managers.

Sector introduction: Food, beverage & tobacco (FB)

Activities in the food, beverage, and tobacco sector include the processing (including packaging), manufacturing and trade of food, drinks and tobacco consumer goods. Organizations in this sector may also produce their own raw materials, or source them from the agricultural commodities sector. This sector inherits climate-related risks from the agricultural activities in its supply chain, including physical risks such as changing weather patterns, and regulatory risks relating to farm management practices. In addition, they face other climate-related risks associated with the processing, manufacture and packaging of food, drinks, and tobacco products, such as CO2 emissions from machinery, storage facilities and transportation. Focusing on the whole value chain to address these risks is highly important for organizations in this sector.

CDP's food, beverage, and tobacco questions focus on the following topics:

- Land management practices with climate change mitigation/adaptation benefits;
- Biogenic carbon pertaining to direct operations;
- Commodity-specific emissions intensity data related to the activities performed by your organisation; and
- Scope 1 and Scope 3 emissions breakdowns by relevant business activity.

This CDP sector aligns with the TCFD's Agriculture, Food, and Forest Products group, along with agricultural commodities (AC), and paper & forestry sectors (PF). Note that organizations using agricultural commodities for the manufacture of personal care and household goods are excluded from CDP's FB sector.

Sector introduction: Metals & mining (MM)

This sector represents the first stage of the life cycle of a huge range of manufactured products, from nuclear reactors to hand cream. Emissions from this sector occur at mining sites during the combustion of fossil fuels and the processing of materials necessary to transform the Earth's elements into useable industry materials. Metals and mining companies can reduce emissions through increased recycling, increased purchases of renewable and low-carbon electricity, and through generation at production sites, which may be particularly significant in remote mines not connected to a power grid. Fuel switching and energy efficiency improvements are needed at metal processing facilities.

CDP's metals & mining questions focus on the following topics:

- Scope 1 and Scope 2 emissions breakdowns by sector production activities;
- Energy consumption and generation breakdowns;
- Production and capacity of key commodities; and
- Investments in low-carbon R&D.

This CDP sector aligns with the TCFD's Materials and Buildings group, along with capital goods (CG), cement (CE), chemicals (CH), construction (CN), real estate (RE) and steel (ST).

Sector introduction: Oil & gas (Climate)

The main activities of the oil and gas sector are the exploration and development, production, refining, and the manufacturing and distribution of petrochemicals. Climate change is a strategic risk for the oil & gas sector; its operational and use phase emissions collectively account for half of global CO2 emissions (IIGCC, 2016: Investor Expectations of Oil and Gas Companies: Transition to a lower carbon future).

CDP's oil & gas questions focus on the following topics:

- Specific methane reduction targets, and flaring and methane leak detection and reduction;
- Scope 1 emissions intensities by hydrocarbon category;
- Emissions breakdowns by oil and gas business divisions, associated activities, emissions categories, and methane emissions;
- Hydrocarbon reserves, production, refining, and transportation figures;
- Low-carbon investments and capital flexibility; and
- Transfers & sequestration of CO2 emissions.

This CDP sector aligns line with the TCFD's Energy group along with coal (CO), electric utilities (EU), and oil & gas (OG).

Sector introduction: Paper & forestry (PF)

Activities in the paper and forestry sector include the production and/or sourcing of timber and timber-based products. Note that non-timber forest products (NTFPs; e.g. rubber, nuts, seeds, etc.) are excluded, as the production and/or sourcing of these products is generally done at a smaller scale and consumed in local markets. (Organizations that produce or source NTFPs are included in our agricultural commodities sector.) Risks associated with the paper and forestry sector extend across the whole value chain and arise from a variety of sources. For example, unsustainable forest management activities, such as illegal logging, burning or other practices can cause deforestation/forest degradation. Another potential issue is the sourcing of timber-based products for the manufacture of wooden goods, paper, and packaging. The use of wood as biofuel for facility energy use, downstream and upstream transportation and distribution, and the waste management of plantation/machinery residues are also all risk factors for the paper and forestry sector. Focusing on the whole value chain to address these risks is highly important for organizations in this sector.

CDP's paper & forestry questions focus on the following topics:

- Land management practices with climate change mitigation/adaptation benefits;
- Biogenic carbon pertaining to direct operations;
- Commodity-specific emissions intensity data related to the activities performed by your organisation; and
- Scope 1 and 3 emissions breakdowns by relevant business activity.

This CDP sector aligns with the TCFD's Agriculture, Food and Forest Products group, along with agricultural commodities (AC), food, beverage, & tobacco (FBT) and paper & forestry (PF).

Sector introduction: Real Estate (RE)

The real estate sector is complex, with different types of companies operating at different points in the value chain; spanning across finance, design, construction and life cycle maintenance. Although it is important to draw distinct lines of responsibility for CO₂ emissions within the buildings value chain, all of the actors in this sector need to align their actions if we are to achieve the Paris Agreement goals, for which the reduction of building-related emissions will play a critical role. Buildings are currently responsible for 39% of global GHG emissions. The sizeable part of these emissions is attributable not only to the use of built assets – operational emissions (Scopes 1 and 2), but also to their construction – embodied emissions (Scope 3). With the present global building floor area set to more than double by 2060, there will be increased demand for construction materials for new buildings, extensions, renovations and infrastructure; creating significant and immediate carbon emissions before a project's completion.

CDP's real estate sector questions focus on the following topics:

- Assessment of buildings' life cycle emissions and embodied carbon emissions data;
- Net zero carbon buildings; and
- Investments in low-carbon R&D.

This CDP sector aligns with the TCFD's Materials and Buildings group, along with capital goods (CG) cement (CE), chemicals (CH), construction (CN), metals and mining (MM) and steel (ST).

Sector introduction: Steel (ST)

The activities in this sector encompass those associated with the steel production chain: from quarrying to furnace operations. Steel production is a highly energy-intensive process as it transforms iron ore to steel. This transformation requires significant amounts of heat and coking coal, an emissions-intensive product. Production efficiency is closely tied to furnace type, so replacing less efficient furnaces with electric arc furnaces can greatly reduce emissions. However, electric arc furnaces rely on recycled steel for production, and therefore cannot be utilized without the more emissions-intensive production routes such as the blast furnace to transform the iron ore. Attention to feedstocks, implementing various techniques throughout the production process, installing technologies at plants, and switching to less emissions-intensive fuels will lower production emissions in the steel industry. In addition, recycling steel has, and will continue to, significantly reduce emissions.

CDP's steel questions focus on the following topics:

- Best available technique implementation;
- Emissions intensities of steel plants;
- Scope 1 and Scope 2 emissions breakdowns by sector production activities;
- Energy consumption and generation breakdowns;
- Feedstock consumption;
- Consumption, production, and capacity figures by steel plant;
- Production and capacity of key industry products; and
- Investments in low-carbon R&D.

This CDP sector aligns with the TCFD's Materials and Buildings group, along with capital goods (CG), cement (CE), chemicals (CH), construction (CN), metals and mining (MM), and real estate (RE).

Sector introduction: Transport OEMs (TO)

Transport activity is responsible for almost a quarter of global energy-related emissions, with total energy use for transport having doubled in the last 35 years. The transport value chain includes activities such as original equipment, vehicle parts and engine manufacturers, and service operators. CDP's original equipment manufacturers (OEMs) transport sector includes industrial producers of transportation vehicles across five transport modes: Aviation, Light Duty Vehicles (LDV), Heavy Duty Vehicles (HDV), Shipping, and Rail; and two transport subjects: freight and passengers.

CDP's original equipment manufacturers transport sector questions focus on the following topics:

- Scope 1 and Scope 2 emissions breakdowns by sector production activities;
- Activity-based emissions intensities in Scope 3 category 11: use of sold products;
- Efficiency metrics for products and/or services;
- Implementation metrics for low-carbon transportation technologies; and

- Investments in low-carbon R&D.

Note that businesses classified as Transport-OEMs Engine Part Manufacturers will only be asked to provide details on investments in low-carbon R&D.

This CDP sector aligns with the TCFD's Transportation group, along with transport services (TS).

Sector introduction: Transport services (TS)

Transport activity is responsible for almost a quarter of global energy-related emissions, with total energy use for transport having doubled in the last 35 years. The transport value chain includes activities such as original equipment, vehicle parts and engine manufacturers, and service operators. CDP's transport services sector includes operators of vehicles transporting goods and/or passengers across 5 modes: Aviation, Light Duty Vehicles (LDV), Heavy Duty Vehicles (HDV), Shipping, and Rail. Between passenger and freight transport, the key difference with relevance to the CDP questionnaire is the specific metrics that measure efficiency either by passenger or by metric ton of goods transported.

CDP's transport services sector questions focus on the following topics:

- Activity-based accounting of emissions intensities in Scope 1, Scope 2 and Scope 3 category 4: Upstream emissions from transportation;
- Scope 1 and Scope 2 emissions breakdowns by sector production activities;
- Data coverage and input factors to calculate emissions intensity of transport movements per technology;
- Efficiency metrics for products and/or services; and
- Implementation metrics for low-carbon transportation technologies; and
- Investments in low-carbon R&D.

This CDP sector (TS) aligns with the TCFD's Transportation group, along with transport original equipment manufacturers (TO).

C0 Introduction

Introduction

(C0.1) Give a general description and introduction to your organization.

Change from 2019

No change

Response options

This is an open text question with a limit of 5,000 characters.

Please note that when copying from another document into the ORS, formatting is not retained.

(C0.2) State the start and end date of the year for which you are reporting data.

Change from 2019

No change

Response options

Please complete the following table.

| Start date | End date | Indicate if you are providing emissions data for past reporting years | Select the number of past reporting years you will be providing emissions data for |
|--------------------|------------------|---|---|
| From: [DD/MM/YYYY] | To: [DD/MM/YYYY] | Select from: <ul style="list-style-type: none">YesNo | Select from: <ul style="list-style-type: none">1 year2 years3 years |

(C0.3) Select the countries/areas for which you will be supplying data.

Change from 2019

Minor change

Response options

Please complete the following table:

| Country/area |
|---|
| Select all that apply: [Country/area drop-down list] |

(C0.4) Select the currency used for all financial information disclosed throughout your response.

Change from 2019

No change

Response options

Please complete the following table:

| Currency |
|---|
| Select from: [Currency drop-down list] |

(C0.5) Select the option that describes the reporting boundary for which climate-related impacts on your business are being reported. Note that this option should align with your chosen approach for consolidating your GHG

inventory.

Change from 2019

Minor change

Response options

Select one of the following options:

- Financial control
- Operational control
- Equity share
- Other, please specify

Business activities emissions relevancy

(C-AC0.6/C-FB0.6/C-PF0.6) Are emissions from agricultural/forestry, processing/manufacturing, distribution activities or emissions from the consumption of your products – whether in your direct operations or in other parts of your value chain – relevant to your current CDP climate change disclosure?

Question dependencies

Your response to this question determines which questions will be shown throughout this questionnaire and which response options will be listed within these questions.

Change from 2019

No change

Response options

Please complete the following table:

| Business activity | Relevance |
|--------------------------|--|
| Agriculture/Forestry | Select from: <ul style="list-style-type: none">● Own land only● Elsewhere in the value chain only● Both own land and elsewhere in the value chain● No |
| Processing/Manufacturing | Select from: <ul style="list-style-type: none">● Direct operations only● Elsewhere in the value chain only● Both direct operations and elsewhere in the value chain● No |
| Distribution | Select from: <ul style="list-style-type: none">● Direct operations only● Elsewhere in the value chain only● Both direct operations and elsewhere in the value chain● No |
| Consumption | Select from: <ul style="list-style-type: none">● Yes● No |

(C-AC0.6a/C-FB0.6a/C-PF0.6a) Why are agricultural/forestry activities not relevant to your current CDP climate change disclosure?

Question dependencies

This question only appears if you select "No" in response to the "Agriculture/Forestry" row in C-AC0.6/C-FB0.6/C-PF0.6.

Change from 2019

Minor change

Response options

Please complete the following table:

| Primary reason | Please explain |
|---|---------------------------------------|
| Select from: <ul style="list-style-type: none">● Outside the value chain of my organization● Analysis in progress● Evaluated but judged to be unimportant● Not evaluated due to insufficient data on operations● Not evaluated due to lack of internal resources● No instruction from management● Other, please specify | Text field [maximum 4,000 characters] |

(C-AC0.6b/C-FB0.6b/C-PF0.6b) Why are emissions from agricultural/forestry activities undertaken on your own land not relevant to your current CDP climate change disclosure?

Question dependencies

This question only appears if you select "Elsewhere in the value chain only" in response to the "Agriculture/Forestry" row in C-AC0.6/C-FB0.6/C-PF0.6.

Change from 2019

No change

Response options

Please complete the following table:

| Primary reason | Please explain |
|---|---------------------------------------|
| Select from: <ul style="list-style-type: none">● Do not own/manage land● Analysis in progress● Evaluated but judged to be unimportant● Not evaluated due to insufficient data on operations● Not evaluated due to lack of internal resources● No instruction from management● Other, please specify | Text field [maximum 4,000 characters] |

(C-AC0.6c/C-FB0.6c/C-PF0.6c) Why are processing/manufacturing activities not relevant to your current CDP climate change disclosure?

Question dependencies

The question only appears if you select "No" in response to the "Processing/Manufacturing" row in C-AC0.6/C-FB0.6/C-PF0.6.

Change from 2019

Minor change

Response options

Please complete the following table:

| Primary reason | Please explain |
|---|---------------------------------------|
| Select from: <ul style="list-style-type: none">● Outside the value chain of my organization● Analysis in progress● Evaluated but judged to be unimportant● Not evaluated due to insufficient data on operations● Not evaluated due to lack of internal resources● No instruction from management● Other, please specify | Text field [maximum 4,000 characters] |

(C-AC0.6d/C-FB0.6d/C-PF0.6d) Why are emissions from processing/manufacturing activities within your direct operations not relevant to your current CDP climate change disclosure?

Question dependencies

This question only appears if you select "Elsewhere in the value chain only" in response to the "Processing/Manufacturing" row in C-AC0.6/C-FB0.6/C-PF0.6.

Change from 2019

Minor change

Response options

Please complete the following table:

| Primary reason | Please explain |
|---|---------------------------------------|
| Select from: <ul style="list-style-type: none">● Outside the direct operations of my organization● Analysis in progress● Evaluated but judged to be unimportant● Not evaluated due to insufficient data on operations● Not evaluated due to lack of internal resources● No instruction from management● Other, please specify | Text field [maximum 4,000 characters] |

(C-AC0.6e/C-FB0.6e/C-PF0.6e) Why are distribution activities not relevant to your current CDP climate change disclosure?

Question dependencies

This question only appears if you select "No" in response to the "Distribution" row in C-AC0.6/C-FB0.6/C-PF0.6.

Change from 2019

Minor change

Response options

Please complete the following table:

| Primary reason | Please explain |
|---|---------------------------------------|
| Select from: <ul style="list-style-type: none">● Outside the value chain of my organization● Analysis in progress● Evaluated but judged to be unimportant● Not evaluated due to insufficient data on operations● Not evaluated due to lack of internal resources● No instruction from management● Other, please specify | Text field [maximum 4,000 characters] |

(C-AC0.6f/C-FB0.6f/C-PF0.6f) Why are emissions from distribution activities within your direct operations not relevant to your current CDP climate change disclosure?

Question dependencies

This question only appears if you select "Elsewhere in the value chain only" in response to the "Distribution" row in C-AC0.6/C-FB0.6/C-PF0.6.

Change from 2019

Minor change

Response options

Please complete the following table:

| Primary reason | Please explain |
|---|---------------------------------------|
| Select from: <ul style="list-style-type: none">● Outside the direct operations of my organization● Analysis in progress● Evaluated but judged to be unimportant● Not evaluated due to insufficient data on operations● Not evaluated due to lack of internal resources● No instruction from management● Other, please specify | Text field [maximum 4,000 characters] |

(C-AC0.6g/C-FB0.6g/C-PF0.6g) Why are emissions from the consumption of your products not relevant to your current CDP climate change disclosure?

Question dependencies

This question only appears if you select "No" in response to the "Consumption" row in C-AC0.6/C-FB0.6/C-PF0.6.

Change from 2019

No change

Response options

Please complete the following table:

| Primary reason | Please explain |
|--|---------------------------------------|
| Select from: <ul style="list-style-type: none">● Analysis in progress● Evaluated but judged to be unimportant● Not evaluated due to insufficient data on operations● Not evaluated due to lack of internal resources● No instruction from management● Other, please specify | Text field [maximum 4,000 characters] |

Agricultural commodity dependency

(C-AC0.7/C-FB0.7/C-PF0.7) Which agricultural commodity(ies) that your organization produces and/or sources are the most significant to your business by revenue? Select up to five.

Change from 2019

No change

Response options

Please complete the following table. You are able to add rows using the "Add Row" button at the bottom of the table.

| Agricultural commodity | % of revenue dependent on this agricultural commodity | Produced or sourced | Please explain |
|---|---|--|---------------------------------------|
| Select from: <ul style="list-style-type: none">● Cattle products● Cotton● Fish and seafood from aquaculture● Palm Oil● Rice● Soy● Sugar● Timber● Tobacco● Wheat● Rubber● Other, please specify | Select from: <ul style="list-style-type: none">● Less than 10%● 10-20%● 20-40%● 40-60%● 60-80%● More than 80%● Don't know | Select from: <ul style="list-style-type: none">● Produced● Sourced● Both | Text field [maximum 4,000 characters] |

[Add Row]

Organizational activities: Cement

(C-CE0.7) Which part of the concrete value chain does your organization operate in?

Change from 2019

No change

Response options

Select all that apply from the following options:

- Limestone quarrying
- Clinker production
- Portland cement manufacturing

- Blended cement
- Belite cements
- Alternative "low CO2" cementitious materials production
- Aggregates production
- Concrete production
- Concrete pavement / asphalt / tarmac
- Lime production

Organizational activities: Chemicals

(C-CH0.7) Which part of the chemicals value chain does your organization operate in?

Change from 2019

No change

Response options

Select all that apply from the following options:

Bulk organic chemicals

- Lower olefins (cracking)
- Aromatics
- Ethylene oxide & Ethylene glycol
- Ethanol
- Methanol
- Polymers
- Adipic acid

Bulk inorganic chemicals

- Ammonia
- Fertilizers
- Nitric acid
- Chlorine and Sodium hydroxide
- Carbon black
- Soda ash
- Titanium dioxide
- Hydrogen
- Oxygen
- Other industrial gases

Other chemicals

- Specialty chemicals
- Specialty organic chemicals
- Other, please specify

Organizational activities: Construction & Real estate

(C-CN0.7/C-RE0.7) Which real estate and/or construction activities does your organization engage in?

Change from 2019

New question

Response options

Select all that apply from the following options:

- New construction or major renovation of buildings
- Buildings management
- Other real estate or construction activities, please specify

Organizational activities: Coal

(C-CO0.7) Which part of the coal value chain and other areas does your organization operate in?

Change from 2019

No change

Response options

Select all that apply from the following options:

Coal value chain

- Underground coal mining
- Surface coal mining
- Coal derived fuels and chemical feedstocks
- Grid electricity generation from coal

Other divisions

- Other minerals mining
- Metal ore mining

Organizational activities: Electric utilities

(C-EU0.7) Which part of the electric utilities value chain does your organization operate in? Select all that apply.

Change from 2019

No change

Response options

Select all that apply from the following options:

Electric utilities value chain

- Electricity generation
- Transmission
- Distribution

Other divisions

- Gas storage, transmission and distribution
- Smart grids / demand response
- Battery storage
- Microgrids
- Coal mining
- Gas extraction and production

Organizational activities: Financial services

(C-FS0.7) Which organizational activities does your organization undertake?

Question dependencies

Your response to this question determines which questions will be shown throughout this questionnaire and which response options will be listed within these questions.

Change from 2019

New question

Connection to other frameworks

TCFD Financial Sector

Response options

Select all that apply from the following options:

- Bank lending (Bank)
- Investing (Asset manager)
- Investing (Asset owner)
- Insurance underwriting (Insurance company)

Organizational activities: Metals & Mining

(C-MM0.7) Which part of the metals and mining value chain does your organization operate in?

Change from 2019

No change

Response options

Select all that apply from the following options:

Mining

- Bauxite
- Copper
- Gold
- Platinum group metals
- Silver
- Iron ore
- Nickel
- Zinc
- Lead
- Diamonds
- Other non-ferrous metal mining, please specify
- Other mining, please specify

Processing metals

- Aluminum
- Alumina
- Copper
- Gold
- Platinum group metals
- Silver
- Nickel
- Zinc
- Lead
- Other ferrous metals, please specify
- Other non-ferrous metals, please specify

Organizational activities: Oil & Gas

(C-OG0.7) Which part of the oil and gas value chain and other areas does your organization operate in?

Change from 2019

No change

Response options

Select all that apply from the following options:

Oil and gas value chain

- ☐ Upstream
- ☐ Midstream
- ☐ Downstream
- ☐ Chemicals

Other divisions

- ☐ Biofuels
- ☐ Grid electricity supply from gas
- ☐ Grid electricity supply from coal
- ☐ Grid electricity supply from renewables
- ☐ Carbon capture and storage/utilization
- ☐ Coal mining

Organizational activities: Steel

(C-ST0.7) Which parts of the steel value chain does your organization operate in?

Change from 2019

No change

Response options

Select all that apply from the following options:

- ☐ Iron ore mining
- ☐ Coal mining
- ☐ Limestone and dolomite quarrying
- ☐ Other mining or quarrying (please specify)
- ☐ Iron ore sintering and agglomeration
- ☐ Coke oven operation
- ☐ Blast furnace and basic oxygen furnace operations
- ☐ Electric arc furnace operations
- ☐ Direct reduced iron operations
- ☐ Open hearth furnace operations
- ☐ Hot rolling
- ☐ Cold rolling and finishing
- ☐ Scrap steel recycling
- ☐ Oxygen production
- ☐ Lime production
- ☐ Other steelmaking operations (please specify)

Organizational activities: Transport services and Transport OEMS

(C-TO0.7/C-TS0.7) For which transport modes will you be providing data?

Change from 2019

Modified guidance

Response options

Select all that apply from the following options:

- Light Duty Vehicles (LDV)
- Heavy Duty Vehicles (HDV)
- Rail
- Marine
- Aviation

C1 Governance

Board oversight

(C1.1) Is there board-level oversight of climate-related issues within your organization?

Change from 2019

No change

Connection to other frameworks

SDG

Goal 12: Responsible consumption and production

Response options

Select one of the following options:

- Yes
- No

(C1.1a) Identify the position(s) (do not include any names) of the individual(s) on the board with responsibility for climate-related issues.

Question dependencies

This question only appears if you select "Yes" in response to C1.1.

Change from 2019

Minor change for FS only; Modified guidance

Connection to other frameworks

SDG

Goal 12: Responsible consumption and production

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Position of individual(s) | Please explain |
|--|--|
| <div>Select from:<ul style="list-style-type: none">Board ChairDirector on boardChief Executive Officer (CEO)Chief Financial Officer (CFO)Chief Operating Officer (COO)Chief Procurement Officer (CPO)Chief Risk Officer (CRO)Chief Sustainability Officer (CSO)Chief Investment Officer (CIO) [Financial services only]Chief Credit Officer (CCO) [Financial services only]Chief Underwriting Officer (CUO) [Financial services only]Other C-Suite OfficerPresidentBoard-level committeeOther, please specify</div> | <div>Text field [maximum 2,400 characters]</div> |

[Add Row]

(C1.1b) Provide further details on the board's oversight of climate-related issues.

Question dependencies

This question only appears if you select "Yes" in response to C1.1.

Change from 2019

Modified question for FS only

Connection to other frameworks

TCFD

Governance recommended disclosure a) Describe the board's oversight of climate related risks and opportunities.

SDG

Goal 12: Responsible consumption and production

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Frequency with which climate-related issues are a scheduled agenda item | Governance mechanisms into which climate-related issues are integrated | [FINANCIAL SERVICES ONLY] Scope of board-level oversight | Please explain |
|---|---|---|---------------------------------------|
| Select from: <ul style="list-style-type: none">Scheduled - all meetingsScheduled - some meetingsSporadic - as important matters ariseOther, please specify | Select all that apply: <ul style="list-style-type: none">Reviewing and guiding strategyReviewing and guiding major plans of actionReviewing and guiding risk management policiesReviewing and guiding annual budgetsReviewing and guiding business plansSetting performance objectivesMonitoring implementation and performance of objectivesOverseeing major capital expenditures, acquisitions and divestituresMonitoring and overseeing progress against goals and targets for addressing climate-related issuesOther, please specify | Select all that apply: <ul style="list-style-type: none">Climate-related risks and opportunities to our own operationsClimate-related risks and opportunities to our bank lending activitiesClimate-related risks and opportunities to our investment activitiesClimate-related risks and opportunities to our insurance underwriting activitiesClimate-related risks and opportunities to other products and services we provide to our clientsThe impact of our own operations on the climateThe impact of our bank lending activities on the climateThe impact of our investing activities on the climateThe impact of our insurance underwriting activities on the climateThe impact of other products and services on the climate | Text field [maximum 3,000 characters] |

[Add Row]

(C1.1c) Why is there no board-level oversight of climate-related issues and what are your plans to change this in the future?

Question dependencies

This question only appears if you select "No" in response to C1.1.

Change from 2019

No change

Response options

Please complete the following table:

| Primary reason | Board-level oversight of climate-related issues will be introduced within the next two years. | Please explain |
|---------------------------------------|--|---------------------------------------|
| Text field [maximum 1,000 characters] | Select from: <ul style="list-style-type: none">Yes, we plan to do so within the next two yearsNo, we do not currently plan to do so | Text field [maximum 2,400 characters] |

Management responsibility

(C1.2) Provide the highest management-level position(s) or committee(s) with responsibility for climate-related issues.

Change from 2019

Modified question for FS only

Connections to other frameworks

TCFD

Governance recommended disclosure b) Describe management's role in assessing and managing climate related risks and opportunities.

SDG

Goal 12: Responsible consumption and production

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Name of the position(s) and/or committee(s) | [FINANCIAL SERVICES ONLY] Reporting line | Responsibility | [FINANCIAL SERVICES ONLY] Coverage of responsibility | Frequency of reporting to the board on climate-related issues |
|--|---|--|--|--|
| <p>Select from:</p> <ul style="list-style-type: none">● Chief Executive Officer (CEO)● Chief Financial Officer (CFO)● Chief Operating Officer (COO)● Chief Procurement Officer (CPO)● Chief Risks Officer (CRO)● Chief Sustainability Officer (CSO)● Chief Investment Officer (CIO) [Financial services only]● Chief Credit Officer (CCO) [Financial services only]● Chief Underwriting Officer (CUO) [Financial services only]● Other C-Suite Officer, please specify● President● Risk committee● Sustainability committee● Safety, Health, Environment and Quality committee● Corporate responsibility committee● Credit committee [Financial services only]● Investment committee [Financial services only]● Responsible Investment committee [Financial services only]● Audit committee [Financial services only]● Other committee, please specify● Business unit manager● Energy manager● Environmental, Health, and Safety manager● Environment/Sustainability manager● Facility manager● Process operation manager● Procurement manager● Public affairs manager● Risk manager● Portfolio/Fund manager [Financial services only]● ESG Portfolio/Fund manager [Financial services only]● Investment/credit/insurance analyst [Financial services only]● Dedicated responsible investment analyst [Financial services only]● Investor relations manager [Financial services only]● Risk analyst [Financial services only]● There is no management level responsibility for climate-related issues● Other, please specify | <p>Select from:</p> <ul style="list-style-type: none">● Reports to the board directly● CEO reporting line● Risk - CRO reporting line● Finance - CFO reporting line● Investment - CIO reporting line● Operations - COO reporting line● Corporate Sustainability/CSR reporting line● Other, please specify | <p>Select from:</p> <ul style="list-style-type: none">● Assessing climate-related risks and opportunities● Managing climate-related risks and opportunities● Both assessing and managing climate-related risks and opportunities● Other, please specify | <p>Select all that apply:</p> <ul style="list-style-type: none">● Risks and opportunities related to our bank lending activities● Risks and opportunities related to our investing activities● Risks and opportunities related to our insurance underwriting activities● Risks and opportunities related to our other products and services● Risks and opportunities related to our own operations | <p>Select from:</p> <ul style="list-style-type: none">● More frequently than quarterly● Quarterly● Half-yearly● Annually● Less frequently than annually● As important matters arise● Not reported to the board |

[Add Row]

(C1.2a) Describe where in the organizational structure this/these position(s) and/or committees lie, what their associated responsibilities are, and how climate-related issues are monitored (do not include the names of individuals).

Change from 2019

Modified guidance

Connection to other frameworks

TCFD

Governance recommended disclosure b) Describe management's role in assessing and managing climate related risks and opportunities.

SDG

Goal 12: Responsible consumption and production

Response options

This is an open text question with a limit of 5,000 characters.

Please note that when copying from another document into the ORS, formatting is not retained.

Employee incentives

(C1.3) Do you provide incentives for the management of climate-related issues, including the attainment of targets?

Change from 2019

Modified question

Connection to other frameworks

SDG

Goal 12: Responsible consumption and production

Response options

Please complete the following table:

| Provide incentives for the management of climate-related issues | Comment |
|---|---------------------------------------|
| Select from: <ul style="list-style-type: none">• Yes• No, not currently but we plan to introduce them in the next two years• No, and we do not plan to introduce them in the next two years | Text field (maximum 1,000 characters) |

(C1.3a) Provide further details on the incentives provided for the management of climate-related issues (do not include the names of individuals).

Question dependencies

This question only appears if you select "Yes" in response to C1.3.

Change from 2019

Minor change

Connection to other frameworks

SDG

Goal 12: Responsible consumption and production

2018 RobecoSAM Corporate Sustainability Assessment (DJSI)

Strategy

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Entitled to incentive | Type of incentive | Activity incentivized | Comment |
|--|--|---|--|
| <div>Select from:</div> <div><div><div></div></div><div>Board Chair</div></div> <div><div><div></div></div><div>Board/Executive board</div></div> <div><div><div></div></div><div>Director on board</div></div> <div><div><div></div></div><div>Corporate executive team</div></div> <div><div><div></div></div><div>Chief Executive Officer (CEO)</div></div> <div><div><div></div></div><div>Chief Financial Officer (CFO)</div></div> <div><div><div></div></div><div>Chief Operating Officer (COO)</div></div> <div><div><div></div></div><div>Chief Procurement Officer (CPO)</div></div> <div><div><div></div></div><div>Chief Risk Officer (CRO)</div></div> <div><div><div></div></div><div>Chief Sustainability Officer (CSO)</div></div> <div><div><div></div></div><div>Chief Investment Officer (CIO) [Financial services only]</div></div> <div><div><div></div></div><div>Chief Underwriting Officer (CUO) [Financial services only]</div></div> <div><div><div></div></div><div>Chief Credit Officer (CCO) [Financial services only]</div></div> <div><div><div></div></div><div>Other C-Suite Officer</div></div> <div><div><div></div></div><div>President</div></div> <div><div><div></div></div><div>Executive officer</div></div> <div><div><div></div></div><div>Management group</div></div> <div><div><div></div></div><div>Business unit manager</div></div> <div><div><div></div></div><div>Energy manager</div></div> <div><div><div></div></div><div>Environmental, health, and safety manager</div></div> <div><div><div></div></div><div>Environment/Sustainability manager</div></div> <div><div><div></div></div><div>Facilities manager</div></div> <div><div><div></div></div><div>Process operation manager</div></div> <div><div><div></div></div><div>Procurement manager</div></div> <div><div><div></div></div><div>Public affairs manager</div></div> <div><div><div></div></div><div>Risk manager</div></div> <div><div><div></div></div><div>Portfolio/Fund manager [Financial services only]</div></div> <div><div><div></div></div><div>ESG Portfolio/Fund manager [Financial services only]</div></div> <div><div><div></div></div><div>Investment analyst [Financial services only]</div></div> <div><div><div></div></div><div>Dedicated Responsible Investment staff [Financial services only]</div></div> <div><div><div></div></div><div>Investor Relations staff [Financial services only]</div></div> <div><div><div></div></div><div>Risk management staff [Financial services only]</div></div> <div><div><div></div></div><div>Buyers/purchasers</div></div> <div><div><div></div></div><div>All employees</div></div> <div><div><div></div></div><div>Other, please specify</div></div> | <div>Select from:</div> <div><div><div></div></div><div>Monetary reward</div></div> <div><div><div></div></div><div>Non-monetary award</div></div> | <div>Select all that apply:</div> <div><div><div></div></div><div>Emissions reduction project</div></div> <div><div><div></div></div><div>Emissions reduction target</div></div> <div><div><div></div></div><div>Energy reduction project</div></div> <div><div><div></div></div><div>Energy reduction target</div></div> <div><div><div></div></div><div>Efficiency project</div></div> <div><div><div></div></div><div>Efficiency target</div></div> <div><div><div></div></div><div>Behavior change related indicator</div></div> <div><div><div></div></div><div>Environmental criteria included in purchases</div></div> <div><div><div></div></div><div>Supply chain engagement</div></div> <div><div><div></div></div><div>Company performance against a climate-related sustainability index</div></div> <div><div><div></div></div><div>Portfolio/fund alignment to climate-related objectives [Financial services only]</div></div> <div><div><div></div></div><div>Other, please specify</div></div> | <div>Text field [maximum 2,400 characters]</div> |

[Add Row]

Retirement schemes

(C-FS1.4) Does your organization offer its employees an employment-based retirement scheme that incorporates ESG principles, including climate change?

Change from 2019

New question

Response options

Please complete the following table:

| We offer an employment-based retirement scheme that incorporates ESG principles, including climate change | Comment |
|--|--|
| <p>Select from:</p> <ul style="list-style-type: none"> • Yes, as the default investment option for all plans offered • Yes, as the default investment option for some plans offered • Yes, as an investment option for all plans offered • Yes, as an investment option for some plans offered • No, but we plan to do so in the next two years • No | <p>Text field [maximum 1,500 characters]</p> |

C2 Risks and opportunities

Management processes

(C2.1) Does your organization have a process for identifying, assessing, and responding to climate-related risks and opportunities?

Change from 2019

New question

Connection to other frameworks

TCFD

Risk Management recommended disclosure a) Describe the organization's processes for identifying and assessing climate-related risks.

Risk Management recommended disclosure b) Describe the organization's processes for managing climate-related risks

Risk Management recommended disclosure c) Describe how processes for identifying, assessing, and managing climate-related risks are integrated into the organization's overall risk management.

Response options

Select one of the following options:

- ☐ Yes
- ☐ No

(C2.1a) How does your organization define short-, medium- and long-term time horizons?

Change from 2019

Minor change (2019 C2.1)

Connection to other frameworks

TCFD

Strategy recommended disclosure a) Describe the climate-related risks and opportunities the organization has identified over the short, medium, and long term.

Response options

Please complete the following table:

| Time horizon | From (years) | To (years) | Comment |
|--------------|---|---|---------------------------------------|
| Short-term | Numerical field [enter a number from 0-100 using no decimals or commas] | Numerical field [enter a number from 0-100 using no decimals or commas] | Text field [maximum 2,400 characters] |
| Medium-term | | | |
| Long-term | | | |

(C2.1b) How does your organization define substantive financial or strategic impact on your business?

Change from 2019

New question

Response options

This is an open text question with a limit of 5,000 characters. Please note that when copying from another document into the ORS, formatting is not retained.

(C2.2) Describe your process(es) for identifying, assessing and responding to climate-related risks and opportunities.

Question dependencies

This question only appears if you select "Yes" in response to C2.1.

Change from 2019

Modified question (2019 C2.2, C2.2a, C2.2b, C2.2d)

Connection to other frameworks

TCFD

Risk Management recommended disclosure a) Describe the organization's processes for identifying and assessing climate-related risks.

Risk Management recommended disclosure b) Describe the organization's processes for managing climate-related risks

Risk Management recommended disclosure c) Describe how processes for identifying, assessing, and managing climate related risks are integrated into the organization's overall risk management.

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Value chain stage(s) covered | Risk management process | Frequency of assessment | Time horizon(s) covered | Description of process |
|--|---|---|---|---------------------------------------|
| Select all that apply: <ul style="list-style-type: none">● Direct operations● Upstream● Downstream | Select from: <ul style="list-style-type: none">● Integrated into multi-disciplinary company-wide risk management process● A specific climate-related risk management process | Select from: <ul style="list-style-type: none">● More than once a year● Annually● Every two years● Every three years or more● Not defined | Select all that apply: <ul style="list-style-type: none">● Short-term● Medium-term● Long-term● None of the above/Not defined | Text field [maximum 7,000 characters] |

[Add Row]

(C2.2a) Which risk types are considered in your organization's climate-related risk assessments?

Question dependencies

This question only appears if you select "Yes" in C2.1.

Change from 2019

Modified question (2019 C2.2c)

Connection to other frameworks

TCFD

Risk Management recommended disclosure a) Describe the organization's processes for identifying and assessing climate-related risks.

Response options

Please complete the following table:

| Risk type | Relevance & inclusion | Please explain |
|---------------------|---|---------------------------------------|
| Current regulation | Select from: <ul style="list-style-type: none"> ● Relevant, always included ● Relevant, sometimes included ● Relevant, not included ● Not relevant, included ● Not relevant, explanation provided ● Not evaluated | Text field [maximum 2,500 characters] |
| Emerging regulation | | |
| Technology | | |
| Legal | | |
| Market | | |
| Reputation | | |
| Acute physical | | |
| Chronic physical | | |

Questions C2.2b to C2.2f only apply to organizations with activities in the Financial Services sector.

(C-FS2.2b) Do you assess your portfolio's exposure to climate-related risks and opportunities?

Question dependencies

- This question only appears if you select "Yes" in response to C2.1.
- Rows in this question will be presented according to the organizational activities reported in C-FS0.7. The "Other products and services, please specify" row will always appear.

Change from 2019

New question

Connection to other frameworks

TCFD

Risk management recommended disclosure a) Describe your organization's processes for identifying and assessing climate-related risks.

Response options

Please complete the following fixed row table.

| Portfolio | We assess the portfolio's exposure | Please explain |
|---|--|---------------------------------------|
| Bank lending (Bank) | Select from: <ul style="list-style-type: none"> ● Yes ● No, but we plan to do so in the next two years ● No, we don't assess this ● Not applicable | Text field [maximum 2,400 characters] |
| Investing (Asset manager) | | |
| Investing (Asset owner) | | |
| Insurance underwriting (insurance company) | | |
| Other products and services, please specify | | |

(C-FS2.2c) Describe how you assess your portfolio's exposure to climate-related risks and opportunities.

Question dependencies

This question only appears if you selected "Yes" to any of the activities listed in C-FS2.2b. A row will appear in this table for each portfolio for which you selected "Yes" in column 2 of question C-FS2.2b.

Change from 2019

New question

Connection to other frameworks

TCFD

Risk management recommended disclosure a) Describe your organization's processes for identifying and assessing climate-related risks.

Response options

Please complete the following table.

| Portfolio | Portfolio coverage | Assessment type | Description |
|---|---|--|---------------------------------------|
| Bank lending (Bank) | Select from: <ul style="list-style-type: none">● All of the portfolio● Majority of the portfolio● Minority of the portfolio● Unknown | Select from: <ul style="list-style-type: none">● Qualitative only● Quantitative only● Qualitative and quantitative | Text field [maximum 5,000 characters] |
| Investing (Asset manager) | | | |
| Investing (Asset owner) | | | |
| Insurance underwriting (Insurance company) | | | |
| Other products and services, please specify | | | |

(C-FS2.2d) Do you assess your portfolio's exposure to water-related risks and opportunities?

Question dependencies

Rows in this question will be presented according to the organizational activities reported in C-FS0.7. The "Other products and services, please specify" row will always appear.

Change from 2019

New question

Connection to other frameworks

CEO Water Mandate

Implications: Business risk

SDG

Goal 6: Clean water and sanitation

Response options

Please complete the following table.

| Portfolio | We assess the portfolio's exposure | Portfolio coverage | Please explain |
|---|---|---|---------------------------------------|
| Bank lending (Bank) | Select from: <ul style="list-style-type: none">● Yes● No, but we plan to do so in the next two years● No, we don't assess this● Not applicable | Select from: <ul style="list-style-type: none">● All of the portfolio● Majority of the portfolio● Minority of the portfolio● Unknown | Text field [maximum 2,400 characters] |
| Investing (Asset manager) | | | |
| Investing (Asset owner) | | | |
| Insurance underwriting (Insurance company) | | | |
| Other products and services, please specify | | | |

(C-FS2.2e) Do you assess your portfolio's exposure to forests-related risks and opportunities?

Question dependencies

Rows in this question will be presented according to the organizational activities reported in C-FS0.7. The “Other products and services, please specify” row will always appear.

Change from 2019

New question

Connection to other frameworks

AFi

Core Principle 5: Supply chain assessment and traceability

SDG

Goal 15: Life on Land

Response options

Please complete the following table:

| Portfolio | We assess the portfolio's exposure | Portfolio coverage | Please explain |
|---|---|---|-------------------------------|
| Bank lending (Bank) | Select from: <ul style="list-style-type: none">● Yes● No, but we plan to do so in the next two years● No, we don't assess this● Not applicable | Select from: <ul style="list-style-type: none">● All of the portfolio● Majority of the portfolio● Minority of the portfolio● Unknown | Text field [2,400 characters] |
| Investing (Asset manager) | | | |
| Investing (Asset owner) | | | |
| Insurance underwriting (Insurance company) | | | |
| Other products and services, please specify | | | |

(C-FS2.2f) Do you request climate-related information from your clients/investees as part of your due diligence and/or risk assessment practices?

Question dependencies

Rows in this question will be presented according to the organizational activities reported in C-FS0.7. The “Other products and services, please specify” row will always appear.

Change from 2019

New question

Connection to other frameworks

TCFD

Risk management recommended disclosure a) Describe your organization's processes for identifying and assessing climate-related risks.

Risk management recommended disclosure b) Describe the organization's processes for managing climate-related risks.

Response options

Please complete the following table:

| Portfolio | We request climate-related information | Please explain |
|---|--|---------------------------------------|
| Bank lending (Bank) | Select from: <ul style="list-style-type: none"> • Yes • Yes, for some • No, but we plan to do so in the next two years • No, and we don't plan on requesting climate-related information • Not applicable | Text field [maximum 5,000 characters] |
| Investing (Asset manager) | | |
| Investing (Asset owner) | | |
| Insurance underwriting (Insurance company) | | |
| Other products and services, please specify | | |

(C2.2g) Why does your organization not have a process in place for identifying, assessing, and responding to climate-related risks and opportunities, and do you plan to introduce such a process in the future?

Question dependencies

This question only appears if you select "No" in response to C2.1.

Change from 2019

Minor change (2019 C2.2e)

Response options

Please complete the following table:

| Primary reason | Please explain |
|---|---------------------------------------|
| Select from: <ul style="list-style-type: none"> • We are planning to introduce a climate-related risk management process in the next two years • Important but not an immediate business priority • Judged to be unimportant, explanation provided • Lack of internal resources • Insufficient data on operations • No instruction from management • Other, please specify | Text field [maximum 1,500 characters] |

Risk disclosure

(C2.3) Have you identified any inherent climate-related risks with the potential to have a substantive financial or strategic impact on your business?

Change from 2019

No change

Connection to other frameworks

TCFD

Strategy recommended disclosure a) Describe the climate related risks and opportunities the organization has identified over the short, medium, and long term.

SDG

Goal 13: Climate action

Response options

Select one of the following options:

- Yes
- No

(C2.3a) Provide details of risks identified with the potential to have a substantive financial or strategic impact on your business.

Question dependencies

This question only appears if you select "Yes" in response to C2.3.

Change from 2019

Modified question

Connection to other frameworks

TCFD

Strategy recommended disclosure a) Describe the climate related risks and opportunities the organization has identified over the short, medium, and long term.

Strategy recommended disclosure b) Describe the impact of climate-related risks and opportunities on the organization's businesses, strategy and financial planning.

Please note: columns 1-7 align with the TCFD recommendations.

SDG

Goal 12: Responsible consumption and production

Goal 13: Climate action

Response options

Please complete the following table. The table is displayed over several rows for readability. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Identifier | Where in the value chain does the risk driver occur? | Risk type | Primary climate-related risk driver | Primary potential financial impact | [Financial services only] Climate risk type mapped to traditional financial services industry risk classification | Company- specific description | Time horizon |
|--|--|--|-------------------------------------|------------------------------------|--|---------------------------------------|---|
| Select from: <ul style="list-style-type: none">● Risk1 - Risk100 | Select from: <ul style="list-style-type: none">● Direct operations● Upstream● Downstream | Select from: <ul style="list-style-type: none">● Current regulation● Emerging regulation● Legal● Technology● Market● Reputation● Acute physical● Chronic physical | See drop-down options below | See drop-down options below | Select from: <ul style="list-style-type: none">● Capital adequacy and risk-weighted assets● Liquidity risk● Funding risk● Market risk● Credit risk● Reputational risk● Policy and legal risk● Systemic risk● Operational risk● Strategic risk● Other non-financial risk● None | Text field [maximum 2,500 characters] | Select from: <ul style="list-style-type: none">● Short-term● Medium-term● Long-term● Unknown |

| Likelihood | Magnitude of impact | Are you able to provide a potential financial impact figure? | Potential financial impact figure (currency) | Potential financial impact figure - minimum (currency) | Potential financial impact figure - maximum (currency) |
|---|---|---|---|---|---|
| Select from: <ul style="list-style-type: none">● Virtually certain● Very likely● Likely● More likely than not● About as likely as not● Unlikely● Very unlikely● Exceptionally unlikely● Unknown | Select from: <ul style="list-style-type: none">● High● Medium-high● Medium● Medium-low● Low● Unknown | Select from: <ul style="list-style-type: none">● Yes, a single figure estimate● Yes, an estimated range● No, we do not have this figure | Numerical field [enter a number from 0 to 999,999,999,999 using up to 2 decimal places] | Numerical field [enter a number from 0 to 999,999,999,999 using up to 2 decimal places] | Numerical field [enter a number from 0 to 999,999,999,999 using up to 2 decimal places] |

| Explanation of financial impact figure | Cost of response to risk | Description of response and explanation of cost calculation | Comment |
|--|---|---|---------------------------------------|
| Text field [maximum 2,500 characters] | Numerical field [enter a number from 0-999,999,999,999,999 using a maximum of 2 decimal places] | Text field [maximum 2,500 characters] | Text field [maximum 2,500 characters] |

[Add Row]

Primary climate-related risk driver drop-down options (column 4)

Select one of the following options:

| | |
|---|---|
| <p><u>Current regulation</u></p> <ul style="list-style-type: none"> Carbon pricing mechanisms Enhanced emissions-reporting obligations Mandates on and regulation of existing products and services Regulation and supervision of climate-related risk in the financial sector [Financial services only] Other, please specify <p><u>Emerging regulation</u></p> <ul style="list-style-type: none"> Carbon pricing mechanisms Enhanced emissions-reporting obligations Mandates on and regulation of existing products and services Regulation and supervision of climate-related risk in the financial sector [Financial services only] Other, please specify <p><u>Legal</u></p> <ul style="list-style-type: none"> Exposure to litigation Regulation and supervision of climate-related risk in the financial sector [Financial services only] Lending that could create or contribute to systemic risk for the economy [Financial services only] Investing that could create or contribute to systemic risk for the economy [Financial services only] Insurance underwriting that could create or contribute to systemic risk for the economy [Financial services only] Other, please specify <p><u>Technology</u></p> <ul style="list-style-type: none"> Substitution of existing products and services with lower emissions options Unsuccessful investment in new technologies Transitioning to lower emissions technology Other, please specify | <p><u>Market</u></p> <ul style="list-style-type: none"> Changing customer behavior Uncertainty in market signals Increased cost of raw materials Inability to attract co-financiers and/or investors due to uncertain risks related to the climate [Financial services only] Loss of clients due to a fund's poor environmental performance outcomes (e.g. if a fund has suffered climate-related write-downs) [Financial services only] Contraction of insurance markets, leaving clients exposed and changing the risk parameters of the credit [Financial services only] Rise in risk-based pricing of insurance policies (beyond demand elasticity) [Financial services only] Other, please specify <p><u>Reputation</u></p> <ul style="list-style-type: none"> Shifts in consumer preferences Stigmatization of sector Increased stakeholder concern or negative stakeholder feedback Lending that could create or contribute to systemic risk for the economy [Financial services only] Investing that could create or contribute to systemic risk for the economy [Financial services only] Insurance underwriting that could create or contribute to systemic risk for the economy [Financial services only] Negative press coverage related to support of projects or activities with negative impacts on the climate (e.g. GHG emissions, deforestation, water stress) [Financial services only] Other, please specify <p><u>Acute physical</u></p> <ul style="list-style-type: none"> Increased severity and frequency of extreme weather events such as cyclones and floods Increased likelihood and severity of wildfires Other, please specify <p><u>Chronic physical</u></p> <ul style="list-style-type: none"> Changes in precipitation patterns and extreme variability in weather patterns Rising mean temperatures Rising sea levels Deforestation [Financial services only] Water stress [Financial services only] Other, please specify |
|---|---|

Primary potential financial impact drop-down options (column 5)

Select one of the following options:

- Increased direct costs
- Increased indirect (operating) costs
- Increased capital expenditures
- Increased credit risk
- Increased insurance claims liability
- Decreased revenues due to reduced demand for products and services
- Decreased revenues due to reduced production capacity
- Decreased access to capital
- Decreased asset value or asset useful life leading to write-offs, asset impairment or early retirement of existing assets
- Reduced profitability of investment portfolios [Financial services only]
- Devaluation of collateral and potential for stranded, illiquid assets [Financial services only]
- Other, please specify

(C2.3b) Why do you not consider your organization to be exposed to climate-related risks with the potential to have a substantive financial or strategic impact on your business?

Question dependencies

This question only appears if you select "No" in response to C2.3.

Change from 2019

No change

Response options

Please complete the following table:

| Primary reason | Please explain |
|---|---------------------------------------|
| Select from: <ul style="list-style-type: none">● Risks exist, but none with potential to have a substantive financial or strategic impact on business● Evaluation in process● Not yet evaluated● Other, please specify | Text field [maximum 2,500 characters] |

Opportunity disclosure

(C2.4) Have you identified any climate-related opportunities with the potential to have a substantive financial or strategic impact on your business?

Change from 2019

No change

Connection to other frameworks

TCFD

Strategy recommended disclosure a) Describe the climate related risks and opportunities the organization has identified over the short, medium, and long term.

SDG

Goal 13: Climate action

Response options

Select one of the following options:

- Yes
- Yes, we have identified opportunities but are unable to realize them
- No

(C2.4a) Provide details of opportunities identified with the potential to have a substantive financial or strategic impact on your business.

Question dependencies

This question only appears if you select "Yes" in response to C2.4.

Change from 2019

Modified question

Connection to other frameworks

TCFD

Strategy recommended disclosure a) Describe the climate related risks and opportunities the organization has identified over the short, medium, and long term.

Strategy recommended disclosure b) Describe the impact of climate-related risks and opportunities on the organization's businesses, strategy, and financial planning.

Please note: columns 1-7 align with the TCFD recommendations.

SDG

Goal 7: Affordable and clean energy

Goal 12: Responsible consumption and production

Goal 13: Climate action

Response options

Please complete the following table. The table is displayed over several rows for readability. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Identifier | Where in the value chain does the opportunity occur? | Opportunity type | Primary climate-related opportunity driver | Primary potential financial impact | Company-specific description | Time horizon |
|---------------------------------|---|--|--|------------------------------------|---------------------------------------|---|
| Select from: ● Opp1 - Opp100 | Select from: ● Direct operations ● Upstream ● Downstream | Select from: ● Resource efficiency ● Energy source ● Products and services ● Markets ● Resilience | See drop-down options below | See drop-down options below | Text field [maximum 2,500 characters] | Select from: ● Short-term ● Medium-term ● Long-term ● Unknown |

| Likelihood | Magnitude of impact | Are you able to provide a potential financial impact figure? | Potential financial impact figure (currency) | Potential financial impact figure - minimum (currency) | Potential financial impact figure - maximum (currency) |
|--|---|--|---|---|---|
| Select from: ● Virtually certain ● Very likely ● Likely ● More likely than not ● About as likely as not ● Unlikely ● Very unlikely ● Exceptionally unlikely ● Unknown | Select from: ● High ● Medium-high ● Medium ● Medium-low ● Low ● Unknown | Select from: ● Yes, a single figure estimate ● Yes, an estimated range ● No, we do not have this figure | Numerical field [enter a number from 0 to 999,999,999,999 using up to 2 decimal places] | Numerical field [enter a number from 0 to 999,999,999,999 using up to 2 decimal places] | Numerical field [enter a number from 0 to 999,999,999,999 using up to 2 decimal places] |

| Explanation of financial impact figure | Cost to realize opportunity | Strategy to realize opportunity and explanation of cost calculation | Comment |
|--|---|---|---------------------------------------|
| Text field [maximum 2,500 characters] | Numerical field [enter a number from 0 to 999,999,999,999,999 using up to 2 decimal places] | Text field [maximum 2,500 characters] | Text field [maximum 2,500 characters] |

[Add Row]

Primary climate-related opportunity driver drop-down options (column 4)

Select one of the following options:

| | |
|--|--|
| <p>Resource efficiency</p> <ul style="list-style-type: none"> ● Use of more efficient modes of transport ● Use of more efficient production and distribution processes ● Use of recycling ● Move to more efficient buildings ● Reduced water usage and consumption ● Other, please specify <p>Energy source</p> <ul style="list-style-type: none"> ● Use of lower-emission sources of energy ● Use of supportive policy incentives ● Use of new technologies ● Participation in carbon market ● Shift toward decentralized energy generation ● Other, please specify | <p>Products and services</p> <ul style="list-style-type: none"> ● Development and/or expansion of low emission goods and services ● Development of climate adaptation, resilience and insurance risk solutions ● Development of new products or services through R&D and innovation ● Ability to diversify business activities ● Shift in consumer preferences ● Reputational benefits resulting in increased demand for goods/services [Financial services only] ● Other, please specify <p>Markets</p> <ul style="list-style-type: none"> ● Access to new markets ● Use of public-sector incentives ● Access to new assets and locations needing insurance coverage ● Increased diversification of financial assets (e.g., green bonds and infrastructure) [Financial services only] ● Increased sales of liability and other insurance to cover climate-related risks [Financial services only] ● Reduced risk of asset stranding considered in investment decision making [Financial services only] ● More timely preparation for investors in adhering to current and potentially stricter future regulation in relation to fiduciary duty [Financial services only] ● Increased demand for funds that invest in companies that have positive environmental credentials [Financial services only] ● Enhanced financial performance of investee companies as a result of being able to access new markets and develop new products to meet green consumer demand [Financial services only] ● The development of new revenue streams from new/emerging environmental markets and products [Financial services only] ● Improved ratings by sustainability/ESG indexes [Financial services only] ● Other, please specify <p>Resilience</p> <ul style="list-style-type: none"> ● Participation in renewable energy programs and adoption of energy-efficiency measures ● Resource substitutes/diversification ● New products and services related to ensuring resiliency [Financial services only] ● Increased reliability, climate- resilience of investment chain [Financial services only] ● Other, please specify |
|--|--|

Primary potential financial impact drop-down options (column 5)

Select from the following options:

- Reduced direct costs
- Reduced indirect (operating) costs
- Increased revenues resulting from increased demand for products and services
- Increased revenues through access to new and emerging markets
- Increased revenues resulting from increased production capacity
- Increased access to capital
- Increased value of fixed assets
- Increased diversification of financial assets
- Increased portfolio value due to upward revaluation of assets [Financial services only]
- Returns on investment in low-emission technology
- Other, please specify

(C2.4b) Why do you not consider your organization to have climate-related opportunities?

Question dependencies

This question only appears if you select "No" or "Yes, we have identified opportunities but are unable to realize them" in response to C2.4.

Change from 2019

No change

Response options

Please complete the following table:

| Primary reason | Please explain |
|--|--|
| <div>Select from:</div> <ul style="list-style-type: none">● Opportunities exist, but we are unable to realize them● Opportunities exist, but none with potential to have a substantive financial or strategic impact on business● Evaluation in progress● Judged to be unimportant● No instruction from management to seek out opportunities● Not yet evaluated● Other, please specify | <div>Text field [maximum 2,500 characters]</div> |

C3 Business strategy

Business strategy

(C3.1) Have climate-related risks and opportunities influenced your organization's strategy and/or financial planning?

Change from 2019

Modified question

Connection to other frameworks

TCFD

Strategy recommended disclosure b) Describe the impact of climate-related risks and opportunities on the organization's businesses, strategy, and financial planning.

SDG

Goal 13: Climate action

Response options

Select one of the following options:

- Yes, and we have developed a low-carbon transition plan
- Yes
- No

(C3.1a) Does your organization use climate-related scenario analysis to inform its strategy?

Question dependencies

This question only appears if you select "Yes, and we have developed a low-carbon transition plan" or "Yes" in response to C3.1.

Change from 2019

Minor change

Connection to other frameworks

TCFD

Strategy recommended disclosure c) Describe the resilience of the organization's strategy, taking into consideration different climate related scenarios, including a 2°C or lower scenario.

SDG

Goal 13: Climate action

2018 RobecoSAM Corporate Sustainability Assessment (DJSI)

Scenario Analysis

Response options

Select one of the following options:

- Yes, qualitative
- Yes, quantitative
- Yes, qualitative and quantitative
- Yes, qualitative, but we plan to add quantitative in the next two years
- No, but we anticipate using qualitative and/or quantitative analysis in the next two years
- No, and we do not anticipate doing so in the next two years

(C3.1b) Provide details of your organization's use of climate-related scenario analysis.

Question dependencies

This question only appears if you select "Yes, qualitative", "Yes, quantitative", "Yes, qualitative and quantitative" or "Yes, qualitative, but we plan to add quantitative in the next two years" in response to C3.1a.

Change from 2019

Minor change (2019 C3.1d); Modified guidance

Connection to other frameworks

TCFD

Strategy recommended disclosure b) Describe the impact of climate-related risks and opportunities on the organization's businesses, strategy, and financial planning.

Strategy recommended disclosure c) Describe the resilience of the organization's strategy, taking into consideration different climate related scenarios, including a 2°C or lower scenario.

SDG

Goal 13: Climate action

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Climate-related scenarios and models applied | Details |
|--|--|
| <div>Select all that apply:</div> <div><div><div></div></div>2DS</div> <div><div><div></div></div>IEA 450</div> <div><div><div></div></div>Greenpeace</div> <div><div><div></div></div>DDPP</div> <div><div><div></div></div>IRENA</div> <div><div><div></div></div>RCP 2.6</div> <div><div><div></div></div>RCP 4.5</div> <div><div><div></div></div>RCP 6</div> <div><div><div></div></div>RCP 8.5</div> <div><div><div></div></div>IEA B2DS</div> <div><div><div></div></div>IEA Sustainable development scenario</div> <div><div><div></div></div>IEA NPS</div> <div><div><div></div></div>IEA CPS</div> <div><div><div></div></div>BNEF NEO</div> <div><div><div></div></div>REMIND</div> <div><div><div></div></div>MESSAGE-GLOBIOM</div> <div><div><div></div></div>Nationally determined contributions (NDCs)</div> <div><div><div></div></div>Other, please specify</div> | <div>Text field [maximum 4,000 characters]</div> |

[Add Row]

(C3.1c) Why does your organization not use climate-related scenario analysis to inform its strategy?

Question dependencies

This question only appears if you select "No, but we anticipate using qualitative and/or quantitative analysis in the next two years" or "No, and we do not anticipate doing so in the next two years" in response to C3.1a.

Change from 2019

Minor change (2019 C3.1g)

Response options

This is an open text question with a limit of 5,000 characters.

Please note that when copying from another document into the ORS, formatting is not retained.

(C3.1d) Describe where and how climate-related risks and opportunities have influenced your strategy.

Question dependencies

This question only appears if you select "Yes, and we have developed a low-carbon transition plan" or "Yes" in response to C3.1

Change from 2019
Modified question (2019 C2.5, C3.1c)

Connection to other frameworks

TCFD

Strategy recommended disclosure b) Describe the impact of climate-related risks and opportunities on the organization’s businesses, strategy, and financial planning.

SDG

Goal 12: Responsible consumption and production

Goal 13: Climate action

Response options

Please complete the following table:

| Business area | Have climate-related risks and opportunities influenced your strategy in this area? | Description of influence |
|---------------------------------|--|---------------------------------------|
| Products and services | Select from: <ul style="list-style-type: none">YesNoEvaluation in progressNot evaluated | Text field [maximum 2,400 characters] |
| Supply chain and/or value chain | | |
| Investment in R&D | | |
| Operations | | |

(C3.1e) Describe where and how climate-related risks and opportunities have influenced your financial planning.

Question dependencies

This question only appears if you select “Yes, and we have developed a low-carbon transition plan” or “Yes” in response to C3.1.

Change from 2019
Modified question (2019 C2.6)

Connection to other frameworks

TCFD

Strategy recommended disclosure b) Describe the impact of climate-related risks and opportunities on the organization’s businesses, strategy, and financial planning.

Response options

Please complete the following table:

| Financial planning elements that have been influenced | Description of influence |
|--|--|
| <p>Select all that apply:</p> <ul style="list-style-type: none"> • Revenues • Direct costs • Indirect costs • Capital expenditures • Capital allocation • Acquisitions and divestments • Access to capital • Assets • Liabilities • Provisions or general reserves [Financial services only] • Claims reserves [Financial services only] • None of the above | <p>Text field [maximum 7,000 characters]</p> |

(C3.1f) Provide any additional information on how climate-related risks and opportunities have influenced your strategy and financial planning (optional).

Question dependencies

This question only appears if you select "Yes, and we have developed a low-carbon transition plan" or "Yes" in response to C3.1.

Change from 2019

Modified question (2019 C3.1c)

Connection to other frameworks

TCFD

Strategy recommended disclosure b) Describe the impact of climate-related risks and opportunities on the organization's businesses, strategy, and financial planning.

Response options

This is an open text question with a limit of 7,000 characters.

Please note that when copying from another document into the ORS, formatting is not retained.

(C3.1g) Why have climate-related risks and opportunities not influenced your strategy and/or financial planning?

Question dependencies

This question only appears if you select "No" in response to C3.1.

Change from 2019

Minor change (2019 C3.1f)

Response options

This is an open text question with a limit of 5,000 characters.

Please note that when copying from another document into the ORS, formatting is not retained.

Business strategy: Financial services

(C-FS3.2) Are climate-related issues considered in the policy framework of your organization?

Change from 2019

New question

Response options

Select one of the following options:

- Yes, climate-related issues are integrated into our general policy framework that relates to our financing activities
- Yes, we have exclusion policies for industries and/or activities exposed or contributing to climate-related risks
- Yes, both of the above
- No, but we plan to consider climate-related issues in our policy framework in the next two years
- No

(C-FS3.2a) In which policies are climate-related issues integrated?

Question dependencies

- This question only appears if you select "Yes, climate-related issues are integrated into our general policy framework that relates to our financing activities" or "Yes, both of the above" in response to C-FS3.2.
- Rows in this question will be presented according to the organizational activities reported in C-FS0.7. The "Other products and services, please specify" row will always appear.

Change from 2019

New question

Response options

Please complete the following table:

| Portfolio | Type of policy | Portfolio coverage of policy | Description |
|---|---|---|---------------------------------------|
| Bank lending (Bank) | Select all that apply: Bank Lending: <ul style="list-style-type: none">● Credit/lending policy● Risk policy● Underwriting policy● Policy related to other products and services● Engagement policy● Other, please specify Investing: <ul style="list-style-type: none">● Credit policy● Risk policy● Sustainable/Responsible Investment Policy● Investment policy/strategy● Underwriting policy● Policy related to other products and services● Proxy voting policy● Engagement policy● Other, please specify Insurance underwriting: <ul style="list-style-type: none">● Credit policy● Risk policy● Investment policy/strategy● Insurance underwriting policy● Policy related to other products and services● Proxy voting policy● Engagement policy● Other, please specify Other products and services: <ul style="list-style-type: none">● Other, please specify | Select from: <ul style="list-style-type: none">● All of the portfolio● Majority of the portfolio● Minority of the portfolio● Unknown | Text field [maximum 5,000 characters] |
| Investing (Asset manager) | | | |
| Investing (Asset owner) | | | |
| Insurance underwriting (Insurance company) | | | |
| Other products and services, please specify | | | |

(C-FS3.2b) Describe your exclusion policies related to industries and/or activities exposed or contributing to climate-related risks.

Question dependencies

This question only appears if you select "Yes, we have exclusion policies for industries and/or activities exposed or contributing to climate-related risks" or "Yes, both of the above" in response to C-FS3.2.

Change from 2019

New question

Response options

Please complete the following table:

| Type of exclusion policy | Portfolio | Application | Description |
|--|--|--|---------------------------------------|
| Select from: <ul style="list-style-type: none">● All fossil fuels● Coal● Oil & gas● Other, please specify | Select all that apply: <ul style="list-style-type: none">● Bank lending● Insurance underwriting● Investing (Asset manager)● Investing (Asset owner)● Other products and services, please specify | Select from: <ul style="list-style-type: none">● New business/investment for new projects● New business/investment for existing projects● Existing business/investment for existing projects● Other, please specify | Text field [maximum 2,500 characters] |

[Add row]

(C-FS3.2c) Why are climate-related issues not considered in the policy framework of your organization?

Question dependencies

This question only appears if you select "No" or "No, but we plan to consider climate-related issues in our policy framework in the next two years" in C-FS3.2.

Change from 2019

New question

Response options

This is an open text question with a limit of 5,000 characters.

Please note that when copying from another document into the ORS, formatting is not retained.

(C-FS3.3) Are climate-related issues factored into your external asset manager selection process?

Question dependencies

This question only appears if you selected "Investing (Asset Manager)" and/or "Investing (Asset Owner)" in response to C-FS0.7.

Change from 2019

New question

Connection to other frameworks

TCFD

Strategy b) Describe the impact of climate-related risks and opportunities on the organization's businesses, strategy, and financial planning.

AODP

Response options

Select one of the following options:

- Yes, for all assets managed externally
- Yes, for some assets managed externally
- No, for none of our externally managed assets
- Not applicable, because we don't have externally managed assets

(C-FS3.3a) How are climate-related issues factored into your external asset manager selection process?

Question dependencies

This question only appears if you select "Yes, for all assets managed externally" or "Yes, for some assets managed externally" in response to question C-FS3.3.

Change from 2019

New question

Connection to other frameworks

TCFD

Strategy b) Describe the impact of climate-related risks and opportunities on the organization's businesses, strategy, and financial planning.

AODP

Response options

Please complete the following table:

| Process for factoring climate-related issues into external asset management selection | Comment |
|---|---------------------------------------|
| Select all that apply: <ul style="list-style-type: none">● Review asset manager's climate-related policies● Preference for asset managers with an offering of low-carbon products● Preference for asset managers with an offering of climate-resilient products● Assessment of asset manager's climate-related performance (e.g. active ownership, proxy voting records, under-weighting in high impact activities)● Use of external data on asset managers regarding climate-related risk management● Other, please specify | Text field [maximum 2,500 characters] |

(C-FS3.3b) Why are climate-related issues not factored into your external asset manager selection process?

Question dependencies

This question only appears if you select "No, for none of our externally managed assets" in response to C-FS3.3.

Change from 2019

New question

Response options

This is an open text question with a limit of 5,000 characters.

Please note that when copying from another document into the ORS, formatting is not retained.

C4 Targets and performance

Emissions targets

(C4.1) Did you have an emissions target that was active in the reporting year?

Change from 2019

No change

Connection to other frameworks

TCFD

Metrics & Targets recommended disclosure c) Describe the targets used by the organization to manage climate related risks and opportunities and performance against targets.

SDG

Goal 7: Affordable and clean energy

Goal 12: Responsible consumption and production

Response options

Select one of the following options:

- Absolute target
- Intensity target
- Both absolute and intensity targets
- No target

(C4.1a) Provide details of your absolute emissions target(s) and progress made against those targets.

Question dependencies

This question only appears if you select "Absolute target" or "Both absolute and intensity targets" in response to C4.1.

Change from 2019

Modified question

Connection to other frameworks

TCFD

Metrics & Targets recommended disclosure c) Describe the targets used by the organization to manage climate related risks and opportunities and performance against targets.

SDG

Goal 7: Affordable and clean energy

Goal 12: Responsible consumption and production

Goal 13: Climate action

2018 RobecoSAM Corporate Sustainability Assessment (DJSI)

Climate-related targets

Response options

Please complete the following table. The table is displayed over several rows for readability. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Target reference number | Year target was set | Target coverage | Scope(s) (or Scope 3 category) | Base year | Covered emissions in base year (metric tons CO2e) | Covered emissions in base year as % of total base year emissions in selected Scope(s) (or Scope 3 category) |
|-------------------------|---|--|-------------------------------------|---|---|---|
| Abs1-Abs100 | Numerical field [enter a number between 1900- 2020] | Select from: <ul style="list-style-type: none"> Company-wide Business division Business activity Site/facility Country/region Product-level Other, please specify | Select from drop-down options below | Numerical field [enter a number between 1900- 2020] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places and no commas] | Percentage field [enter a percentage from 0-100 using a maximum of 2 decimal places] |

| Target year | Targeted reduction from base year (%) | Covered emissions in target year (metric tons CO2e) [auto-calculated] | Covered emissions in reporting year (metric tons CO2e) | % of target achieved [auto-calculated] |
|--|--|---|---|--|
| Numerical field [enter a whole number between 2000-2100] | Percentage field [enter a percentage from 0-100 using a maximum of 2 decimal places] | Numerical field [0-999,999,999,999] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places and no commas] | Percentage field [-999 to 999] |

| Target status in reporting year | Is this a science-based target? | Please explain (including target coverage) |
|---|-------------------------------------|--|
| Select from: <ul style="list-style-type: none"> New Underway Achieved Expired Revised Replaced Retired | Select from drop-down options below | Text field [maximum 2,400 characters] |

[Add Row]

Scope(s) (or Scope 3 category) drop-down options:

Select one of the following options:

- Scope 1
- Scope 2 (location-based)
- Scope 2 (market-based)
- Scope 1+2 (location-based)
- Scope 1+2 (market-based)
- Scope 1+2 (location-based) +3 (upstream)
- Scope 1+2 (location-based) +3 (downstream)
- Scope 1+2 (location-based) +3 (upstream & downstream)
- Scope 1+2 (market-based) +3 (upstream)
- Scope 1+2 (market-based) +3 (downstream)
- Scope 1+2 (market-based) +3 (upstream & downstream)
- Scope 3 (upstream)
- Scope 3 (downstream)
- Scope 3 (upstream & downstream)
- Scope 3: Purchased goods and services
- Scope 3: Capital goods
- Scope 3: Fuel and energy-related activities (not included in Scopes 1 or 2)
- Scope 3: Upstream transportation and distribution
- Scope 3: Waste generated in operations
- Scope 3: Business travel
- Scope 3: Employee commuting
- Scope 3: Upstream leased assets

- Scope 3: Investments
- Scope 3: Downstream transportation and distribution
- Scope 3: Processing of sold products
- Scope 3: Use of sold products
- Scope 3: End-of-life treatment of sold products
- Scope 3: Downstream leased assets
- Scope 3: Franchises
- Other, please specify

Is this a science-based target? drop-down options:

Select one of the following options:

- Yes, this target has been approved as science-based by the Science-Based Targets initiative
- Yes, we consider this a science-based target, but this target has not been approved as science-based by the Science-Based Targets initiative
- No, but we are reporting another target that is science-based
- No, but we anticipate setting one in the next 2 years
- No, and we do not anticipate setting one in the next 2 years

(C4.1b) Provide details of your emissions intensity target(s) and progress made against those target(s).

Question dependencies

This question only appears if you select "Intensity target" or "Both absolute and intensity target" in response to C4.1.

Change from 2019

Modified question

Connection to other frameworks

TCFD

Metrics & Targets recommended disclosure c) Describe the targets used by the organization to manage climate related risks and opportunities and performance against targets.

SDG

Goal 7: Affordable and clean energy

Goal 12: Responsible consumption and production

Goal 13: Climate action

2018 RobecoSAM Corporate Sustainability Assessment (DJSI)

Climate-related targets

Response options

Please complete the following table. The table is displayed over several rows for readability. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Target reference number | Year target was set | Target coverage | Scope(s) (or Scope 3 category) | Intensity metric | Base year | Intensity figure in base year (metric tons CO2e per unit of activity) | % of total base year emissions in selected Scope(s) (or Scope 3 category) covered by this intensity figure |
|-------------------------|---|--|-------------------------------------|-------------------------------------|---|--|--|
| Int1- Int100 | Numerical field [enter a number between 1900- 2020] | Select from: <ul style="list-style-type: none">● Company-wide● Business division● Business activity● Site/facility● Country/region● Product-level● Other, please specify | Select from drop-down options below | Select from drop-down options below | Numerical field [enter a number between 1900- 2020] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 10 decimal places and no commas] | Percentage field [enter a percentage from 0-100 using a maximum of 2 decimal places] |

| Target year | Targeted reduction from base year (%) | Intensity figure in target year (metric tons CO2e per unit of activity) [auto-calculated] | % change anticipated in absolute Scope 1+2 emissions | % change anticipated in absolute Scope 3 emissions | Intensity figure in reporting year (metric tons CO2e per unit of activity) |
|---|--|--|---|---|---|
| Numerical field [enter a number between 2000- 2100] | Percentage field [enter a percentage from 0-100 using a maximum of 2 decimal places] | Numerical field [0- 999,999,999,999] | Percentage field [enter a percentage from -999-999 using a maximum of 2 decimal places] | Percentage field [enter a percentage from -999-999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0- 999,999,999,999 using a maximum of 10 decimal places and no commas] |

| % of target achieved [auto-calculated] | Target status in reporting year | Is this a science-based target? | Please explain (including target coverage) |
|---|--|-------------------------------------|--|
| Percentage field [-999 to 999] | Select from: <ul style="list-style-type: none"> ● New ● Underway ● Achieved ● Expired ● Revised ● Replaced ● Retired | Select from drop-down options below | Text field [maximum 2,400 characters] |

[Add Row]

Scope(s) (or Scope 3 category) drop-down options:

Select one of the following options:

- Scope 1
- Scope 2 (location-based)
- Scope 2 (market-based)
- Scope 1+2 (location-based)
- Scope 1+2 (market-based)
- Scope 1+2 (location-based) +3 (upstream)
- Scope 1+2 (location-based) +3 (downstream)
- Scope 1+2 (location-based) +3 (upstream & downstream)
- Scope 1+2 (market-based) +3 (upstream)
- Scope 1+2 (market-based) +3 (downstream)
- Scope 1+2 (market-based) +3 (upstream & downstream)
- Scope 3 (upstream)
- Scope 3 (downstream)
- Scope 3 (upstream & downstream)
- Scope 3: Purchased goods & services
- Scope 3: Capital goods
- Scope 3: Fuel- and energy-related activities (not included in Scopes 1 or 2)
- Scope 3: Upstream transportation & distribution
- Scope 3: Waste generated in operations
- Scope 3: Business travel
- Scope 3: Employee commuting
- Scope 3: Upstream leased assets
- Scope 3: Investments
- Scope 3: Downstream transportation and distribution
- Scope 3: Processing of sold products
- Scope 3: Use of sold products
- Scope 3: End-of-life treatment of sold products
- Scope 3: Downstream leased assets
- Scope 3: Franchises
- Other, please specify

Intensity metric drop-down options:

Select one of the following options from the drop-down menu below. Those with an asterisk (*) are the metrics that can be evaluated against science-based target setting methods (see [Technical Note on Science Based Targets](#)):

- Grams CO2e per revenue passenger kilometer*
- Metric tons CO2e per USD(\$) value-added*
- Metric tons CO2e per square meter*
- Metric tons CO2e per metric ton of aluminum*
- Metric tons CO2e per metric ton of steel*
- Metric tons CO2e per metric ton of cement*
- Metric tons CO2e per metric ton of cardboard*
- Grams CO2e per kilometer*
- Metric tons CO2e per unit revenue
- Metric tons CO2e per unit FTE employee
- Metric tons CO2e per unit hour worked
- Metric tons CO2e per metric ton of product
- Metric tons of CO2e per liter of product
- Metric tons CO2e per unit of production
- Metric tons CO2e per unit of service provided
- Metric tons CO2e per square foot*
- Metric tons CO2e per kilometer
- Metric tons CO2e per passenger kilometer*
- Metric tons CO2e per megawatt hour (MWh)*
- Metric tons CO2e per barrel of oil equivalent (BOE)
- Metric tons CO2e per vehicle produced
- Metric tons CO2e per metric ton of ore processed
- Metric tons CO2e per ounce of gold
- Metric tons CO2e per ounce of platinum
- Metric tons of CO2e per metric ton of aggregate
- Metric tons of CO2e per billion (currency) funds under management
- Other, please specify

Is this a science-based target? drop-down options:

Select one of the following options:

- Yes, this target has been approved as science-based by the Science Based Targets initiative
- Yes, we consider this a science-based target, but this target has not been approved as science-based by the Science Based Targets initiative
- No, but we are reporting another target that is science-based
- No, but we anticipate setting one in the next 2 years
- No, and we do not anticipate setting one in the next 2 years

(C4.1c) Explain why you did not have an emissions target, and forecast how your emissions will change over the next five years.

Question dependencies

This question only appears if you select "No target" in response to C4.1.

Change from 2019

No change

Response options

Please complete the following table:

| Primary reason | Five-year forecast | Please explain |
|--|---------------------------------------|---------------------------------------|
| Select from: <ul style="list-style-type: none"> ● We are planning to introduce a target in the next two years ● Important but not an immediate business priority ● Judged to be unimportant, explanation provided ● Lack of internal resources ● Insufficient data on operations ● No instruction from management ● Other, please specify | Text field [maximum 2,400 characters] | Text field [maximum 2,400 characters] |

Other climate-related targets

(C4.2) Did you have any other climate-related targets that were active in the reporting year?

Change from 2019

New question

Connection to frameworks

TCFD

Metrics & Targets recommended disclosure a) Disclose the metrics used by the organization to assess climate-related risks and opportunities in line with its strategy and risk management process.

Metrics & Targets recommended disclosure c) Describe the targets used by the organization to manage climate related risks and opportunities and performance against targets.

SDG

Goal 7: Affordable and clean energy

Goal 12: Responsible consumption and production

Goal 13: Climate action

2018 RobecoSAM Corporate Sustainability Assessment (DJSI)

Climate-related targets

Response options

Select all that apply from the following options:

- Target(s) to increase low-carbon energy consumption or production
- Target(s) to reduce methane emissions
- Other climate-related target(s)
- No other climate-related targets

(C4.2a) Provide details of your target(s) to increase low-carbon energy consumption or production.

Question dependencies

This question only appears if you select "Target(s) to increase low-carbon energy consumption or production" in response to C4.2.

Change from 2019

New question

Connection to frameworks

TCFD

Metrics & Targets recommended disclosure a) Disclose the metrics used by the organization to assess climate-related risks and opportunities in line with its strategy and risk management process.

Metrics & Targets recommended disclosure c) Describe the targets used by the organization to manage climate related risks and opportunities and performance against targets.

SDG

Goal 7: Affordable and clean energy

Goal 12: Responsible consumption and production

Goal 13: Climate action

2018 RobecoSAM Corporate Sustainability Assessment (DJSI)

Climate-related targets

Response options

Please complete the following table. The table is displayed over several rows for readability. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Target reference number | Year target was set | Target coverage | Target type: absolute or intensity | Target type: energy carrier | Target type: activity | Target type: energy source |
|-------------------------|--|--|---|---|---|--|
| Low1 – Low100 | Numerical field [enter a number between 1900-2020] | Select from: <ul style="list-style-type: none">Company-wideBusiness divisionBusiness activitySite/facilityCountry/regionProduct levelOther, please specify | Select from: <ul style="list-style-type: none">AbsoluteIntensity | Select from: <ul style="list-style-type: none">ElectricityHeatSteamCoolingAll energy carriersOther, please specify | Select from: <ul style="list-style-type: none">ConsumptionProduction | Select from: <ul style="list-style-type: none">Low-carbon energy source(s)Renewable energy source(s) only |

| Metric (target numerator if reporting an intensity target) | Target denominator (intensity targets only) | Base year | Figure or percentage in base year | Target year | Figure or percentage in target year | Figure or percentage in reporting year | % of target achieved [auto-calculated] |
|---|---|---|--|---|--|--|--|
| Select from: <ul style="list-style-type: none">kWhMWhPercentage | Select from drop-down options below | Numerical field [enter a number between 1900- 2020] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 10 decimal places and no commas] | Numerical field [enter a number between 2000- 2100] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 10 decimal places and no commas] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 10 decimal places and no commas] | Percentage field [-999-999] |

| Target status in reporting year | Is this target part of an emissions target? | Is this target part of an overarching initiative? | Please explain (including target coverage) |
|---|--|--|--|
| Select from: <ul style="list-style-type: none">NewUnderwayAchievedExpiredRevisedReplacedRetired | Text field [maximum 2,400 characters] [Emissions reduction target ID] | Select from: <ul style="list-style-type: none">RE100Science Based Targets initiativeNo, it's not part of an overarching initiativeOther, please specify | Text field [maximum 2,400 characters] |

[Add Row]

Target denominator (intensity targets only) drop-down options:

Select one of the following options:

- revenue passenger kilometer
- USD(\$) value-added
- square meter
- metric ton of aluminum
- metric ton of steel
- metric ton of cement
- metric ton of cardboard

- unit revenue
- unit FTE employee
- unit hour worked
- metric ton of product
- liter of product
- unit of production
- unit of service provided
- square foot
- kilometer
- passenger kilometer
- megawatt hour (MWh)
- barrel of oil equivalent (BOE)
- vehicle produced
- metric ton of ore processed
- ounce of gold
- ounce of platinum
- metric ton of aggregate
- billion (currency) funds under management
- Other, please specify

(C4.2b) Provide details of any other climate-related targets, including methane reduction targets.

Question dependencies

This question only appears if you select "Other climate-related target(s)" or "Target(s) to reduce methane emissions" in response to C4.2.

Change from 2019

Modified question (2019 C4.2)

Connection to frameworks

TCFD

Metrics & Targets recommended disclosure a) Disclose the metrics used by the organization to assess climate-related risks and opportunities in line with its strategy and risk management process.

Metrics & Targets recommended disclosure c) Describe the targets used by the organization to manage climate related risks and opportunities and performance against targets.

SDG

Goal 7: Affordable and clean energy

Goal 12: Responsible consumption and production

Goal 13: Climate action

2018 RobecoSAM Corporate Sustainability Assessment (DJSI)

Climate-related targets

Response options

Please complete the following table. The table is displayed over several rows for readability. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Target reference number | Year target was set | Target coverage | Target type: absolute or intensity | Target type: category | Metric (target numerator if reporting an intensity target) | Target denominator (intensity targets only) |
|-------------------------|--|--|--|--|--|---|
| Oth1 – Oth100 | Numerical field [enter a number between 1900-2020] | Select from: <ul style="list-style-type: none"> Company-wide Business division Business activity Site/facility Country/region Product level Other, please specify | Select from: <ul style="list-style-type: none"> Absolute Intensity | Select from: <ul style="list-style-type: none"> Energy productivity Energy consumption or efficiency Renewable fuel production Renewable fuel consumption Waste management Resource consumption or efficiency Low-carbon vehicles Low-carbon buildings Land use change Methane reduction target Fossil fuel reduction target Engagement with suppliers Engagement with customers R&D investments Green finance Other, please specify | Select from drop-down options below | Select from drop-down options below |

| Base year | Figure or percentage in base year | Target year | Figure or percentage in target year | Figure or percentage in reporting year | % of target achieved [auto-calculated] |
|---|---|---|---|---|--|
| Numerical field [enter a number between 1900- 2020] | Numerical field [enter a number from 0- 999,999,999,999 using a maximum of 10 decimal places and no commas] | Numerical field [enter a number between 2000- 2100] | Numerical field [enter a number from 0- 999,999,999,999 using a maximum of 10 decimal places and no commas] | Numerical field [enter a number from 0- 999,999,999,999 using a maximum of 10 decimal places and no commas] | Percentage field [-999 to 999] |

| Target status in reporting year | Is this target part of an emissions target? | Is this target part of an overarching initiative? | Please explain (including target coverage) |
|---|---|---|--|
| Select from: <ul style="list-style-type: none"> New Underway Achieved Expired Revised Replaced Retired | Text field [maximum 2,400 characters [Emissions reduction target ID] | Select from: <ul style="list-style-type: none"> EP100 EV100 Below50 – sustainable fuels Science Based Targets initiative Reduce short-lived climate pollutants Remove deforestation Low-Carbon Technology Partnerships initiative No, it's not part of an overarching initiative Other, please specify | Text field [maximum 2,400 characters] |

[Add Row]

Metric (target numerator if reporting an intensity target) drop-down options:

Select one of the following options:

| | |
|--|--|
| Energy productivity <ul style="list-style-type: none"> GDP USD (\$) value-added units of revenue ounces of gold ounces of platinum metric tons of aggregate metric tons of aluminum metric tons of steel metric tons of cement metric tons of cardboard metric tons of product | Low-carbon buildings <ul style="list-style-type: none"> Percentage of net zero carbon buildings Percentage of net zero energy buildings Percentage of buildings with a green building certificate Other, please specify Land use change <ul style="list-style-type: none"> hectares reforested hectares afforested hectares restored Percent of supply chain compliant with zero gross deforestation Other, please specify |
|--|--|

- metric tons of ore processed
- square meters
- kilometers
- passenger kilometers
- revenue passenger kilometers
- liters of product
- units of production
- units of service provided
- square feet
- megawatt hours (MWh)
- barrel of oil equivalents (BOE)
- ton of oil equivalents (TOE)
- ton of coal equivalents (TCE)
- Other, please specify

Energy consumption or efficiency

- kWh
- MWh
- GJ
- million Btu
- boe
- toe
- tce
- Gcal
- Other, please specify

Renewable fuel production

- metric tons of solid biomass
- liters of liquid biofuel
- cubic meters of biogas
- cubic meters of hydrogen
- Other, please specify

Renewable fuel consumption

- metric tons of solid biomass
- liters of liquid biofuel
- cubic meters of biogas
- cubic meters of hydrogen
- Percentage of total fuel consumption that is from renewable sources
- Other, please specify

Waste management

- metric tons of waste diverted from landfill
- metric tons of waste recycled
- metric tons of waste reused
- metric tons of waste generated
- Percentage of total waste generated that is recycled
- Percentage of sites operating at zero-waste to landfill
- Other, please specify

Resource consumption or efficiency

- Percentage of paper from recycled or certified sustainable sources
- metric tons of paper consumed
- Percentage of plastic from recycled sources
- metric tons of plastic consumed
- Percentage of packaging from recycled or certified sustainable sources
- metric tons of packaging consumed
- Other, please specify

Low-carbon vehicles

- Percentage of low-carbon vehicles in company fleet
- Percentage of low-carbon vehicles sold
- Percentage of company fleet using biofuel

Methane reduction target

- cubic meters of methane vented
- cubic meters of methane leaked
- cubic meters of methane flared
- Total methane emissions in m3
- Total methane emissions in CO2e
- Methane leakage rate (%)
- Other, 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, please specify

Engagement with suppliers

- Percentage of suppliers disclosing their GHG emissions
- Percentage of suppliers setting emissions reduction targets
- Percentage of suppliers with a science-based target
- Percentage of suppliers actively engaged on climate-related issues
- Other, please specify

Engagement with customers

- Percentage of customers disclosing their GHG emissions
- Percentage of customers setting emissions reduction targets
- Percentage of customers with a science-based target
- Percentage of customers actively engaged on climate-related issues
- Other, please specify

R&D investments

- Percentage of annual revenue invested in R&D of low-carbon products/services
- US\$ invested in R&D of low-carbon products/services
- Percentage of R&D budget/portfolio dedicated to low-carbon products/services
- Other, please specify

Green finance

- Total amount of green bonds outstanding (green bond ratio)
- Percentage of green bonds
- Total amount of green debt instruments outstanding (green debt ratio)
- Percentage of green debt instruments
- Green finance raised and facilitated (denominated in currency)
- Green investments (denominated in currency)
- Percentage of green investments
- Other, please specify

- Percentage of battery electric vehicles in company fleet
- Percentage of conventional hybrids in company fleet
- Percentage of plug-in hybrids in company fleet
- Percentage of fuel cell electric vehicles in company fleet
- Percentage of company facilities with electric vehicle infrastructure
- Other, please specify

Target denominator (intensity targets only) drop-down options:

Select one of the following options:

- KWh
- MWh
- GJ
- Btu
- boe
- toe
- tce
- Gcal
- revenue passenger kilometer
- USD(\$) value-added
- square meter
- metric ton of aluminum
- metric ton of steel
- metric ton of cement
- metric ton of cardboard
- unit revenue
- unit FTE employee
- unit hour worked
- metric ton of product
- liter of product
- unit of production
- unit of service provided
- square foot
- kilometer
- passenger kilometer
- megawatt hour (MWh)
- barrel of oil equivalent (BOE)
- vehicle produced
- metric ton of ore processed
- ounce of gold
- ounce of platinum
- metric ton of aggregate
- billion (currency) funds under management
- hectare
- metric ton of waste
- liter of fuel
- year
- total amount of bonds outstanding at the end of the reporting period
- total amount of debt outstanding at the end of the reporting period
- Other, please specify

Methane targets

(C-CO4.2c) Indicate which targets reported in C4.1a/b incorporate methane emissions, or if you do not have a methane-specific emissions reduction target for your coal mining activities, please explain why not and forecast how your methane emissions will change over the next five years.

Question dependencies

This question only appears if you did not select "Target(s) to reduce methane emissions" in response to C4.2.

Change from 2019

Minor change (2019 C-CO4.2a); Modified guidance; Revised question dependency

Response options

This is an open text question with a limit of 5,000 characters.

Please note that when copying from another document into the ORS, formatting is not retained.

(C-OG4.2c) Indicate which targets reported in C4.1a/b incorporate methane emissions, or if you do not have a methane-specific emissions reduction target for your oil and gas activities, please explain why not and forecast how your methane emissions will change over the next five years.

Question dependencies

This question only appears if you did not select "Target(s) to reduce methane emissions" in response to C4.2.

Change from 2019

Minor change (2019 C-OG4.2a); Modified guidance; Revised question dependency

Response options

This is an open text question with a limit of 5,000 characters.

Please note that when copying from another document into the ORS, formatting is not retained.

Emissions reduction initiatives

(C4.3) 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.

Change from 2019

No change

Connection to other frameworks

SDG

Goal 7: Affordable and clean energy

Goal 13: Climate action

Response options

Select one of the following options:

- Yes
- No

(C4.3a) Identify the total number of initiatives at each stage of development, and for those in the implementation stages, the estimated CO2e savings.

Question dependencies

This question only appears if you select "Yes" in response to C4.3.

Change from 2019

No change

Connection to other frameworks

SDG

Goal 7: Affordable and clean energy

Response options

Please complete the following table:

| Stage of development | Number of initiatives | Total estimated annual CO2e savings in metric tons CO2e (only for rows marked *) |
|---------------------------|---|---|
| Under investigation | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places and no commas] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places and no commas] |
| To be implemented* | | |
| Implementation commenced* | | |
| Implemented* | | |
| Not to be implemented | | |

(C4.3b) Provide details on the initiatives implemented in the reporting year in the table below.

Question dependencies

This question only appears if you select "Yes" in response to C4.3.

Change from 2019

Modified question

Connection to other frameworks

SDG

Goal 7: Affordable and clean energy

Goal 13: Climate action

Response options

Please complete the following table. The table is displayed over several rows for readability. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Initiative category | Initiative type | Estimated annual CO2e savings (metric tons CO2e) | Scope(s) | Voluntary/ Mandatory | Annual monetary savings (unit currency – as specified in C0.4) | Investment required (unit currency – as specified in C0.4) | Payback period | Estimated lifetime of the initiative | Comment |
|---|-------------------------------------|---|--|--|--|--|--|---|---------------------------------------|
| Select from: <ul style="list-style-type: none">● Energy efficiency in buildings● Energy efficiency in production processes● Waste reduction and material circularity● Fugitive emissions reductions● Low-carbon energy consumption● Low-carbon energy generation● Non-energy industrial process emissions reductions● Company policy or behavioral change● Transportation● Other, please specify | Select from drop-down options below | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places and no commas] | Select all that apply: <ul style="list-style-type: none">● Scope 1● Scope 2 (location-based)● Scope 2 (market-based)● Scope 3 | Select from: <ul style="list-style-type: none">● Voluntary● Mandatory | Numerical field [enter a number from 0-999,999,999,999,999 using no decimal places, and no commas] | Numerical field [enter a number from 0-999,999,999,999,999 using no decimal places, and no commas] | Select from: <ul style="list-style-type: none">● <1 year● 1-3 years● 4-10 years● 11-15 years● 16-20 years● 21-25 years● >25 years● No payback | Select from: <ul style="list-style-type: none">● <1 year● 1-2 years● 3-5 years● 6-10 years● 11-15 years● 16-20 years● 21-30 years● >30 years● Ongoing | Text field [maximum 1,500 characters] |

[Add Row]

Initiative type drop-down options:

Select one of the following options

| | |
|--|---|
| <p>Energy efficiency in buildings</p> <ul style="list-style-type: none"> ● Insulation ● Maintenance program ● Draught proofing ● Solar shading ● Building Energy Management Systems (BEMS) ● Heating, Ventilation and Air Conditioning (HVAC) ● Lighting ● Motors and drives ● Combined heat and power (cogeneration) ● Other, please specify <p>Energy efficiency in production processes</p> <ul style="list-style-type: none"> ● Waste heat recovery ● Cooling technology ● Process optimization ● Fuel switch ● Compressed air ● Combined heat and power (cogeneration) ● Wastewater treatment ● Reuse of water ● Reuse of steam ● Machine/equipment replacement ● Automation ● Electrification ● Smart control system ● Motors and drives ● Product or service design ● Other, please specify <p>Waste reduction and material circularity</p> <ul style="list-style-type: none"> ● Waste reduction ● Product or service design ● Product/component/material reuse ● Product/component/material recycling ● Remanufacturing ● Other, please specify <p>Fugitive emissions reductions</p> <ul style="list-style-type: none"> ● Agricultural methane capture ● Agricultural nitrous oxide reduction ● Landfill methane capture ● Oil/natural gas methane leak capture/prevention ● Refrigerant leakage reduction ● Carbon capture and storage/utilization (CCS/U) ● Other, please specify | <p>Low-carbon energy consumption</p> <ul style="list-style-type: none"> ● Solid biofuels ● Liquid biofuels ● Biogas ● Geothermal ● Hydropower ● Solar heating and cooling ● Solar PV ● Solar CSP ● Nuclear ● Wind ● Tidal ● Wave ● Fossil fuel plant fitted with CCS ● Low-carbon electricity mix ● Other, please specify <p>Low-carbon energy generation</p> <ul style="list-style-type: none"> ● Solid biofuels ● Liquid biofuels ● Biogas ● Geothermal ● Hydropower ● Nuclear ● Solar heating and cooling ● Solar PV ● Solar CSP ● Wind ● Tidal ● Wave ● Fossil fuel plant fitted with CCS ● Other, please specify <p>Non-energy industrial process emissions reductions</p> <ul style="list-style-type: none"> ● Process equipment replacement ● Process material substitution ● Process material efficiency ● Carbon capture and storage/utilization (CCS/U) ● Other, please specify <p>Company policy or behavioral change</p> <ul style="list-style-type: none"> ● Supplier engagement ● Customer engagement ● Site consolidation/closure ● Change in procurement practices ● Resource efficiency ● Waste management ● Other, please specify <p>Transportation</p> <ul style="list-style-type: none"> ● Business travel policy ● Teleworking ● Employee commuting ● Company fleet vehicle replacement ● Company fleet vehicle efficiency ● Other, please specify |
|--|---|

(C4.3c) What methods do you use to drive investment in emissions reduction activities?

Question dependencies

This question only appears if you select "Yes" in response to C4.3.

Change from 2019

No change

Connection to other frameworks

SDG

Goal 7: Affordable and clean energy

Goal 13: Climate action

Response options

Please complete the following table. You are able to add rows by using the “Add Row” button at the bottom of the table.

| Method | Comment |
|---|--|
| <div>Select from:</div> <div><div><div></div><div>Compliance with regulatory requirements/standards</div></div><div><div></div><div>Dedicated budget for energy efficiency</div></div><div><div></div><div>Dedicated budget for low-carbon product R&D</div></div><div><div></div><div>Dedicated budget for other emissions reduction activities</div></div><div><div></div><div>Employee engagement</div></div><div><div></div><div>Financial optimization calculations</div></div><div><div></div><div>Internal price on carbon</div></div><div><div></div><div>Internal incentives/recognition programs</div></div><div><div></div><div>Internal finance mechanisms</div></div><div><div></div><div>Lower return on investment (ROI) specification</div></div><div><div></div><div>Marginal abatement cost curve</div></div><div><div></div><div>Partnering with governments on technology development</div></div><div><div></div><div>Other</div></div></div> | <div>Text field [maximum 2,400 characters]</div> |

[Add Row]

(C4.3d) Why did you not have any emissions reduction initiatives active during the reporting year?

Question dependencies

This question only appears if you select “No” in response to C4.3.

Change from 2019

No change

Response options

This is an open text question with a limit of 5,000 characters.

Please note that when copying from another document into the ORS, formatting is not retained.

Land management practices

Question C4.4 only applies to organizations with activities in the following sectors:

- Agricultural commodities
- Food, beverage & tobacco
- Paper & forestry

(C-AC4.4/C-FB4.4/C-PF4.4) Do you implement agriculture or forest management practices on your own land with a climate change mitigation and/or adaption benefit?

Question dependencies

This question only appears if you select “Own land only” or “Both own land and elsewhere in value chain only” in response to the “Agriculture/Forestry” row in C-AC0.6/C-FB0.6/C-PF0.6.

Change from 2019

No change

Response options

Select one of the following options:

- Yes
- No
- Don't know

(C-AC4.4a/C-FB4.4a/C-PF4.4a) Specify the agricultural or forest management practice(s) implemented on your own land with climate change mitigation and/or adaptation benefits and provide a corresponding emissions figure, if known.

Question dependencies

This question only appears if you select "Yes" in response to C-AC4.4/C-FB4.4/C-PF4.4.

Change from 2019

No change

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Management practice reference number | Management practice | Description of management practice | Primary climate change-related benefit | Estimated CO2e savings (metric tons CO2e) | Please explain |
|---|--|---------------------------------------|--|--|---------------------------------------|
| Select from: <ul style="list-style-type: none"> ● MP1 ● MP2 ● MP3 ● MP4 ● MP5 ● MP6 ● MP7 ● MP8 ● MP9 ● MP10 ● MP11 ● MP12 ● MP13 ● MP14 ● MP15 ● MP16 ● MP17 ● MP18 ● MP19 ● MP20 | Select from: <ul style="list-style-type: none"> ● Afforestation ● Agroforestry ● Biodiversity considerations ● Change in the topography or landscapes ● Composting ● Crop diversity ● Contour farming ● Crop rotation ● Diversifying farmer income ● Efficient equipment use ● Equipment maintenance and calibration ● Enhanced forest regeneration practices ● Fertilizer management ● Fire control ● Governmental or institutional policies and programs ● Green harvesting ● Integrated pest management ● Knowledge sharing ● Land use change ● Low carbon energy use ● Low tillage and residue management ● Livestock management ● Manure management ● Nitrogen-fixing plants as cover crop ● Organic farming ● Practices to increase wood production and forest productivity ● Permanent soil cover (including cover crops) ● Pest, disease and weed management practices ● Reducing energy use ● Reforestation ● Restoration ● Replacing fossil fuels by renewable energy sources ● Restoration of degraded lands and cultivated organic soils ● Rice management ● Seed variety selection ● Selective logging ● Selecting species to maximize carbon capture ● Species introduction ● Timing of farm operations ● Waste management ● Other, please specify | Text field [maximum 2,400 characters] | Select from: <ul style="list-style-type: none"> ● Emission reductions (mitigation) ● Increasing resilience to climate change (adaptation) ● Increase carbon sink (mitigation) ● Reduced demand for fossil fuel (adaptation) ● Reduced demand for fertilizers (adaptation) ● Reduced demand for pesticides (adaptation) ● Other, please specify | Numerical field [enter a number from 0-99,999,999,999 using a maximum of 2 decimal places] | Text field [maximum 2,400 characters] |

[Add Row]

Low-carbon products

(C4.5) Do you classify any of your existing goods and/or services as low-carbon products or do they enable a third party to avoid GHG emissions?

Change from 2019

No change

Connection to other frameworks

SDG

Goal 13: Climate action

Response options

Select one of the following options:

- Yes
- No

(C4.5a) Provide details of your products and/or services that you classify as low-carbon products or that enable a third party to avoid GHG emissions.

Question dependencies

This question only appears if you select “Yes” in response to C4.5.

Change from 2019

Minor change; Modified question for FS only

Connection to other frameworks

SDG

Goal 12: Responsible consumption and production

Goal 13: Climate action

2018 RobecoSAM Corporate Sustainability Assessment (DJSI)

Products

Response options

Please complete the following table. You are able to add rows by using the “Add Row” button at the bottom of the table.

| Level of aggregation | Description of product/ Group of products | Are these low-carbon product(s) or do they enable avoided emissions? | Taxonomy, project, or methodology used to classify product(s) as low-carbon or to calculate avoided emissions | % revenue from low-carbon product(s) in the reporting year | [FINANCIAL SERVICES ONLY] % of total portfolio value | [FINANCIAL SERVICES ONLY] Asset classes/product types | Comment |
|---|---|--|---|---|---|--|---------------------------------------|
| Select from: <ul style="list-style-type: none"> Product Group of products Company-wide | Text field [maximum 2,400 characters] | Select from: <ul style="list-style-type: none"> Low-carbon product Avoided emissions Low-carbon product and avoided emissions | Select from: <ul style="list-style-type: none"> Low-Carbon Investment (LCI) Registry Taxonomy Climate Bonds Taxonomy The EU Taxonomy for environmentally sustainable economic activities Addressing the Avoided Emissions Challenge- Chemicals sector Evaluating the carbon-reducing impacts of ICT Estimating and Reporting the Comparative Emissions Impacts of Products (WRI) Green Bond Principles (ICMA) ISO 14040/44 Standards [Financial services only] Other, please specify | Numerical field [enter a number from 0-100 using a maximum of 2 decimal places and no commas] | Numerical field [enter a number from 0-100 using a maximum of 2 decimal places and no commas] | Select from: Investing <ul style="list-style-type: none"> Fixed Income Listed Equity Private Equity Real estate/Property Infrastructure Commodities Forestry Hedge funds Mutual funds Fund of hedge funds Derivatives Other, please specify Bank lending <ul style="list-style-type: none"> Corporate Loans Commercial Loans Retail Loans Commercial Mortgages Residential Mortgages Corporate Real Estate Asset Financing Project Finance Other, please specify Insurance underwriting <ul style="list-style-type: none"> Property & Casualty Life Health Marine Reinsurance Other, please specify | Text field [maximum 2,400 characters] |

[Add Row]

Methane reduction efforts

(C-CO4.6) Describe your organization's efforts to reduce methane emissions from your activities.

Change from 2019

No change

Response options

This is an open text question with a limit of 5,000 characters.

Please note that when copying from another document into the ORS, formatting is not retained.

(C-EU4.6) Describe your organization's efforts to reduce methane emissions from your activities.

Question dependencies

This question only appears if you select "Electricity generation", "Gas storage transmission and distribution", "Coal mining" and/or "Gas extraction and production" in response to C-EU0.7.

Change from 2019

Modified guidance

Response options

This is an open text question with a limit of 5,000 characters.

Please note that when copying from another document into the ORS, formatting is not retained.

(C-OG4.6) Describe your organization's efforts to reduce methane emissions from your activities.

Change from 2019

No change

Response options

This is an open text question with a limit of 5,000 characters.

Please note that when copying from another document into the ORS, formatting is not retained.

Leak detection and repair

(C-CO4.7) Does your organization conduct leak detection and repair (LDAR) or use other methods to find and fix fugitive methane emissions from coal mining activities?

Change from 2019

No change

Response options

Select one of the following options:

- ☐ Yes
- ☐ No, we do not have a program in place
- ☐ No, this is not relevant to our operations

(C-CO4.7a) Describe the protocol through which methane leak detection and repair or other methane leak detection methods are conducted for your coal mining activities, including predominant frequency of inspections, estimates of assets covered, and methodologies employed.

Question dependencies

This question only appears if you select "Yes" in response to C-CO4.7.

Change from 2019

No change

Response options

This is an open text question with a limit of 5,000 characters.

Please note that when copying from another document into the ORS, formatting is not retained.

(C-CO4.7b) Explain why not and whether you plan to conduct methane leak detection and repair or adopt other methods to find and fix fugitive methane emissions from your coal mining activities.

Question dependencies

This question only appears if you select "No, we do not have a program in place" or "No, this is not relevant to our operations" in response to C-CO4.7.

Change from 2019

No change

Response options

This is an open text question with a limit of 5,000 characters.

Please note that when copying from another document into the ORS, formatting is not retained.

(C-OG4.7) Does your organization conduct leak detection and repair (LDAR) or use other methods to find and fix fugitive methane emissions from oil and gas production activities?

Change from 2019

No change

Response option

Select one of the following options:

- Yes
- No, we do not have a program in place
- No, this is not relevant to our operations

(C-OG4.7a) Describe the protocol through which methane leak detection and repair or other leak detection methods, are conducted for oil and gas production activities, including predominant frequency of inspections, estimates of assets covered, and methodologies employed.

Question dependencies

This question only appears if you select "Yes" in response to C-OG4.7.

Change from 2019

No change

Response options

This is an open text question with a limit of 5,000 characters.

Please note that when copying from another document into the ORS, formatting is not retained.

(C-OG4.7b) Explain why you do not conduct LDAR or use other methods to find and fix fugitive methane emissions, and whether you have a plan to do so from your oil and gas production activities.

Question dependencies

This question only appears if you select "No, we do not have a program in place" or "No, this is not relevant to our operations" in response to C-OG4.7.

Change from 2019

No change

Response options

This is an open text question with a limit of 5,000 characters.

Please note that when copying from another document into the ORS, formatting is not retained.

Flaring reduction efforts

(C-CO4.8) If flaring is relevant to your coal mining operations, describe your organization's efforts to reduce flaring, including any flaring reduction targets.

Change from 2019

No change

Response options

This is an open text question with a limit of 5,000 characters.

Please note that when copying from another document into the ORS, formatting is not retained.

(C-OG4.8) If flaring is relevant to your oil and gas production activities, describe your organization's efforts to reduce flaring, including any flaring reduction targets.

Change from 2019

No change

Response options

This is an open text question with a limit of 5,000 characters.

Please note that when copying from another document into the ORS, formatting is not retained.

Best available techniques: Cement

(C-CE4.9) Disclose your organization's best available techniques as a percentage of Portland cement clinker production capacity.

Question dependencies

This question only appears if you select 'Clinker Production' in C-CE0.7

Change from 2019

No change

Response options

Please complete the following table:

| Technique | Total production capacity coverage (%) |
|-----------------------|--|
| 4+ cyclone preheating | Percentage field [enter a percentage from 0-100 using a maximum of 2 decimal places] |
| Pre-calciner | |

Best available techniques: Steel

(C-ST4.9) Disclose your organization's best available techniques as a percentage of total plant capacity.

Change from 2019

No change

Response options

Please complete the following table:

| Technique/Process* | % of total plant capacity | Primary reason for not having technique | Comment |
|--|--|---|---------------------------------------|
| Coke oven: Coke dry quenching | Percentage field [enter a percentage from 0-100 using a maximum of 2 decimal places] | Select from: <ul style="list-style-type: none"> Other priorities are being met first Payback period considered too long Improvement potential considered insignificant Considered infeasible due to site-specific conditions Other, please specify | Text field [maximum 2,400 characters] |
| Coke oven: Coal moisture control process | | | |
| Coke oven: Programmed heating | | | |
| Sinter plant: Sinter cooler exhaust gas waste heat recovery | | | |
| Sinter plant: Sinter strand waste-gas recycling | | | |
| Sinter plant: Use of waste fuels in sinter mixture | | | |
| Blast furnace: Injection of pulverized coal, biomass or wastes | | | |
| Blast furnace: Top recovery turbine | | | |
| Blast furnace: Recuperator (air preheating) hot-blast stoves | | | |
| Blast furnace: Computer aided control system for hot-blast stoves | | | |
| Blast furnace: Slag granulation for cement industry | | | |
| Basic oxygen furnace: BOF gas and sensible heat recovery | | | |
| Basic oxygen furnace: Vessel bottom stirring | | | |
| Basic oxygen furnace: Programmed and preheated ladles | | | |
| Electric arc furnace: Scrap preheating | | | |
| Electric arc furnace: Oxy-fuel burners | | | |
| Electric arc furnace: Oxygen blowing for liquid steel oxidation or post combustion | | | |
| Electric arc furnace: Integrated, real-time process control and monitoring systems | | | |
| Casting: Absence of soaking pits and primary rolling of ingots | | | |
| Casting: Near net shape casting, e.g. thin slab, thin strip, etc. | | | |
| Hot rolling mill: Hot charging | | | |
| Hot rolling mill: Recuperative/regenerative burners | | | |
| Hot rolling mill: Walking beam furnace | | | |
| Hot rolling mill: Variable speed drives on combustion air fans of reheat furnace | | | |
| Integrated steel mill: Combined heat and power/cogeneration plant | | | |
| Integrated steel mill: Energy monitoring and management system | | | |
| Other | | | |

*Techniques/processes appear based on the corresponding selections made in C-ST0.7

C5 Emissions methodology

Base year emissions

(C5.1) Provide your base year and base year emissions (Scopes 1 and 2).

Change from 2019

No change

Response options

Please complete the following table:

| Scope | Base year start | Base year end | Base year emissions (metric tons CO2e) | Comment |
|--------------------------|--|--|---|---------------------------------------|
| Scope 1 | Use the calendar button or enter dates manually in the format DD/MM/YYYY | Use the calendar button or enter dates manually in the format DD/MM/YYYY | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 3 decimal places and no commas] | Text field [maximum 2,400 characters] |
| Scope 2 (location-based) | | | | |
| Scope 2 (market-based) | | | | |

Emissions methodology

(C5.2) Select the name of the standard, protocol, or methodology you have used to collect activity data and calculate emissions.

Change from 2019

Minor change

Response options

Select all that apply from the following options:

- ABI Energia Linee Guida
- Act on the Rational Use of Energy
- American Petroleum Institute Compendium of Greenhouse Gas Emissions Methodologies for the Oil and Natural Gas Industry, 2009
- Australia - National Greenhouse and Energy Reporting Act
- Bilan Carbone
- Brazil GHG Protocol Programme
- Canadian Association of Petroleum Producers, Calculating Greenhouse Gas Emissions, 2003
- China Corporate Energy Conservation and GHG Management Programme
- Defra Voluntary Environmental Reporting Guidelines: Including streamlined energy and carbon reporting guidance, 2019
- ENCORD: Construction CO2e Measurement Protocol
- Energy Information Administration 1605(b)
- Environment Canada, Sulphur hexafluoride (SF6) Emission Estimation and Reporting Protocol for Electric Utilities
- Environment Canada, Aluminum Production, Guidance Manual for Estimating Greenhouse Gas Emissions
- Environment Canada, Base Metals Smelting/Refining, Guidance Manual for Estimating Greenhouse Gas Emissions
- Environment Canada, Cement Production, Guidance Manual for Estimating Greenhouse Gas Emissions
- Environment Canada, Primary Iron and Steel Production, Guidance Manual for Estimating Greenhouse Gas Emissions
- Environment Canada, Lime Production, Guidance Manual for Estimating Greenhouse Gas Emissions
- Environment Canada, Primary Magnesium Production and Casting, Guidance Manual for Estimating Greenhouse Gas Emissions
- Environment Canada, Metal Mining, Guidance Manual for Estimating Greenhouse Gas Emissions
- EPRA (European Public Real Estate Association) guidelines, 2011
- EPRA (European Public Real Estate Association) Sustainability Best Practice recommendations Guidelines, 2017
- 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

- French methodology for greenhouse gas emissions assessments by companies V4 (ADEME 2016)
- Hong Kong Environmental Protection Department, Guidelines to Account for and Report on Greenhouse Gas Emissions and Removals for Buildings, 2010
- ICLEI Local Government GHG Protocol
- IEA CO2 Emissions from Fuel Combustion
- India GHG Inventory Programme
- International Wine Industry Greenhouse Gas Protocol and Accounting Tool
- IPCC Guidelines for National Greenhouse Gas Inventories, 2006
- IPIECA's Petroleum Industry Guidelines for reporting GHG emissions, 2003
- IPIECA's Petroleum Industry Guidelines for reporting GHG emissions, 2nd edition, 2011
- ISO 14064-1
- 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)
- Korea GHG and Energy Target Management System Operating Guidelines
- New Zealand - Guidance for Voluntary, Corporate Greenhouse Gas Reporting
- Philippine Greenhouse Gas Accounting and Reporting Programme (PhilGARP)
- Programa GEI Mexico
- Recommendations for reporting significant indirect emissions under Article 173-IV (ADEME 2018)
- Regional Greenhouse Gas Initiative (RGGI) Model Rule
- Smart Freight Centre: GLEC Framework for Logistics Emissions Methodologies
- Taiwan - GHG Reduction Act
- Thailand Greenhouse Gas Management Organization: The National Guideline Carbon Footprint for organization
- The Climate Registry: Electric Power Sector (EPS) Protocol
- The Climate Registry: General Reporting Protocol
- The Climate Registry: Local Government Operations (LGO) Protocol
- The Climate Registry: Oil & Gas Protocol
- The Cool Farm Tool
- The GHG Indicator: UNEP Guidelines for Calculating Greenhouse Gas Emissions for Businesses and Non-Commercial Organizations
- The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
- The Greenhouse Gas Protocol Agricultural Guidance: Interpreting the Corporate Accounting and Reporting Standard for the Agricultural Sector
- The Greenhouse Gas Protocol: Public Sector Standard
- The Greenhouse Gas Protocol: Scope 2 Guidance
- The Tokyo Cap-and Trade Program
- Toitū carbonreduce programme
- Toitū carbonzero programme
- US EPA Center for Corporate Climate Leadership: Direct Fugitive Emissions from Refrigeration, Air Conditioning, Fire Suppression, and Industrial Gases
- US EPA Center for Corporate Climate Leadership: Indirect Emissions From Events and Conferences
- US EPA Center for Corporate Climate Leadership: Indirect Emissions From Purchased Electricity
- US EPA Center for Corporate Climate Leadership: Direct Emissions from Stationary Combustion Sources
- US EPA Center for Corporate Climate Leadership: Direct Emissions from Mobile Combustion Sources
- US EPA Mandatory Greenhouse Gas Reporting Rule
- US EPA Emissions & Generation Resource Integrated Database (eGRID)
- Vfu (Verein für Umweltmanagement) Indicators Standard
- WBCSD: The Cement CO2 and Energy Protocol
- World Steel Association CO2 emissions data collection guidelines
- Other, please specify

(C5.2a) Provide details of the standard, protocol, or methodology you have used to collect activity data and calculate emissions.

Question dependencies

This question only appears if you select "Other, please specify" in response to C5.2.

Change from 2019

Minor change

Response options

This is an open text question with a limit of 5,000 characters.

Please note that when copying from another document into the ORS, formatting is not retained.

C6 Emissions data

Scope 1 emissions data

(C6.1) What were your organization's gross global Scope 1 emissions in metric tons CO₂e?

Change from 2019

No change

Connection to other frameworks

TCFD

Metrics & Targets recommended disclosure b) Disclose Scope 1, Scope 2, and, if appropriate, Scope 3 greenhouse gas (GHG) emissions, and the related risks.

SDG

Goal 13: Climate action

Response options

Please complete the following table:

| Year | Gross global Scope 1 emissions (metric tons CO ₂ e) | Start date | End date | Comment |
|--|--|--------------------------------|--------------------------------|---------------------------------------|
| Reporting year | Numerical field [enter a range of 0-999,999,999,999 using a maximum of 3 decimal places and no commas] | [This cell is not seen in ORS] | [This cell is not seen in ORS] | Text field [maximum 2,400 characters] |
| Past year 1 [Only 'appears' if 1 year or 2 years or 3 years is selected in column 4 of C0.2] | Numerical field [enter a range of 0-999,999,999,999 using a maximum of 3 decimal places and no commas] | From: [DD/MM/YYYY] | To: [DD/MM/YYYY] | Text field [maximum 2,400 characters] |
| Past year 2 [Only 'appears' if 2 years or 3 years is selected in column 4 of C0.2] | Numerical field [enter a range of 0-999,999,999,999 using a maximum of 3 decimal places and no commas] | From: [DD/MM/YYYY] | To: [DD/MM/YYYY] | Text field [maximum 2,400 characters] |
| Past year 3 [Only 'appears' if 3 years is selected in column 4 of C0.2] | Numerical field [enter a range of 0-999,999,999,999 using a maximum of 3 decimal places and no commas] | From: [DD/MM/YYYY] | To: [DD/MM/YYYY] | Text field [maximum 2,400 characters] |

Scope 2 emissions reporting

(C6.2) Describe your organization's approach to reporting Scope 2 emissions.

Change from 2019

No change

Connection to other frameworks

SDG

Goal 13: Climate action

Response options

Please complete the following table:

| Scope 2, location-based | Scope 2, market-based | Comment |
|---|--|---------------------------------------|
| Select from: <ul style="list-style-type: none"> • We are reporting a Scope 2, location-based figure • We are not reporting a Scope 2, location-based figure | Select from: <ul style="list-style-type: none"> • We are reporting a Scope 2, market-based figure • We have no operations where we are able to access electricity supplier emission factors or residual emission factors, and are unable to report a Scope 2, market-based figure • 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 | Text field [maximum 2,400 characters] |

Scope 2 emissions data

(C6.3) What were your organization's gross global Scope 2 emissions in metric tons CO₂e?

Change from 2019

No change

Connection to other frameworks

TCFD

Metrics & Targets recommended disclosure b) Disclose Scope 1, Scope 2, and, if appropriate, Scope 3 greenhouse gas (GHG) emissions, and the related risks.

Response options

Please complete the following table:

| Year | Scope 2, location-based | Scope 2, market-based (if applicable) | Start date | End date | Comment |
|--|---|---|--------------------------------|--------------------------------|---------------------------------------|
| Reporting year | Numerical field [enter a range of 0-99,999,999,999 using a maximum of 3 decimal places and no commas] | Numerical field [enter a range of 0-99,999,999,999 using a maximum of 3 decimal places and no commas] | [This cell is not seen in ORS] | [This cell is not seen in ORS] | Text field [maximum 2,400 characters] |
| Past year 1 [Only 'appears' if 1 year or 2 years or 3 years is selected in column 4 of C0.2] | Numerical field [enter a range of 0-99,999,999,999 using a maximum of 3 decimal places and no commas] | Numerical field [enter a range of 0-99,999,999,999 using a maximum of 3 decimal places and no commas] | From: [DD/MM/YYYY] | To: [DD/MM/YYYY] | Text field [maximum 2,400 characters] |
| Past year 2 [Only 'appears' if 2 years or 3 years is selected in column 4 of C0.2] | Numerical field [enter a range of 0-99,999,999,999 using a maximum of 3 decimal places and no commas] | Numerical field [enter a range of 0-99,999,999,999 using a maximum of 3 decimal places and no commas] | From: [DD/MM/YYYY] | To: [DD/MM/YYYY] | Text field [maximum 2,400 characters] |
| Past year 3 [Only 'appears' if 3 years is selected in column 4 of C0.2] | Numerical field [enter a range of 0-99,999,999,999 using a maximum of 3 decimal places and no commas] | Numerical field [enter a range of 0-99,999,999,999 using a maximum of 3 decimal places and no commas] | From: [DD/MM/YYYY] | To: [DD/MM/YYYY] | Text field [maximum 2,400 characters] |

Exclusions

(C6.4) Are there any sources (e.g. facilities, specific GHGs, activities, geographies, etc.) of Scope 1 and Scope 2 emissions that are within your selected reporting boundary which are not included in your disclosure?

Change from 2019

No change

Response options

Select one of the following options:

- Yes
- No

(C6.4a) Provide details of the sources of Scope 1 and Scope 2 emissions that are within your selected reporting boundary which are not included in your disclosure.

Question dependencies

This question only appears if you select "Yes" in response to C6.4.

Change from 2019

No change

Response options

Please complete the following table. You are able to add rows by using the “Add Row” button at the bottom of the table.

| Source | Relevance of Scope 1 emissions from this source | Relevance of location-based Scope 2 emissions from this source | Relevance of market-based Scope 2 emissions from this source (if applicable) | Explain why this source is excluded |
|---------------------------------------|---|---|---|---------------------------------------|
| Text field [maximum 2,400 characters] | Select from: <ul style="list-style-type: none">No emissions excludedNo emissions from this sourceEmissions are not relevantEmissions are relevant but not yet calculatedEmissions are relevant and calculated, but not disclosedEmissions excluded due to recent acquisitionEmissions are not evaluated | Select from: <ul style="list-style-type: none">No emissions excludedNo emissions from this sourceEmissions are not relevantEmissions are relevant but not yet calculatedEmissions are relevant and calculated, but not disclosedEmissions excluded due to a recent acquisitionEmissions are not evaluated | Select from: <ul style="list-style-type: none">No emissions excludedNo emissions from this sourceEmissions are not relevantEmissions are relevant but not yet calculatedEmissions are relevant and calculated, but not disclosedEmissions excluded due to a recent acquisitionEmissions are not evaluated | Text field [maximum 2,400 characters] |

[Add Row]

Scope 3 emissions data

(C6.5) Account for your organization’s gross global Scope 3 emissions, disclosing and explaining any exclusions.

Change from 2019

Minor change; Modified question for FS sector only

Connection to other frameworks

TCFD

Metrics & Targets recommended disclosure b) Disclose Scope 1, Scope 2, and, if appropriate, Scope 3 greenhouse gas (GHG) emissions, and the related risks.

SDG

Goal 12: Responsible consumption and production

Goal 13: Climate action

2018 RobecoSAM Corporate Sustainability Assessment (DJSI)

Scope 3

Response options

Please complete the following table:

| Scope 3 category | Evaluation status | Metric tons CO2e | Emissions calculation methodology | Percentage of emissions calculated using data obtained from suppliers or value chain partners | Please explain |
|---|---|---|---------------------------------------|---|---------------------------------------|
| Purchased goods and services | Select from: <ul style="list-style-type: none"> Relevant, calculated Relevant, not yet calculated Not relevant, calculated Not relevant, explanation provided Not evaluated | Numerical field [enter a number from 0-999,999,999 using a maximum of 3 decimal places and no commas] | Text field [maximum 2,400 characters] | Numerical field [enter a number from 0-100 using a maximum of 2 decimal places and no commas] | Text field [maximum 2,400 characters] |
| Capital goods | | | | | |
| Fuel-and-energy-related activities (not included in Scope 1 or 2) | | | | | |
| Upstream transportation and distribution | | | | | |
| Waste generated in operations | | | | | |
| Business travel | | | | | |
| Employee commuting | | | | | |
| Upstream leased assets | | | | | |
| Downstream transportation and distribution | | | | | |
| Processing of sold products | | | | | |
| Use of sold products | | | | | |
| End of life treatment of sold products | | | | | |
| Downstream leased assets | | | | | |
| Franchises | | | | | |
| Investments [row hidden for FS sector companies, data point requested in C-FS14.1a] | | | | | |
| Other (upstream) | | | | | |
| Other (downstream) | | | | | |

Scope 3 emissions data: agricultural value chain

Question C6.6 only applies to organizations with activities in the following sectors:

- Agricultural commodities
- Capital goods
- Construction
- Food, beverage & tobacco
- Paper & forestry
- Real Estate

(C-AC6.6/C-FB6.6/C-PF6.6) Can you break down your Scope 3 emissions by relevant business activity area?

Question dependencies

This question only appears if you select "Elsewhere in value chain only" or "Both own land and elsewhere in value chain" in response to the "Agriculture/Forestry" row; and/or if you select "Elsewhere in the value chain only" or "Both direct operations and elsewhere in the value chain" in response to the "Processing/Manufacturing" and/or "Distribution" rows; and/or if you select "Yes" in response to the "Consumption" row in C-AC0.6/C-FB0.6/C-PF0.6.

Change from 2019

No change

Response options

Select one of the following options:

- Yes
- Partially
- No

(C-AC6.6a/C-FB6.6a/C-PF6.6a) Disclose your Scope 3 emissions for each of your relevant business activity areas.

Question dependencies

This question only appears if you select "Yes" or "Partially" in response to C-AC6.6/C-FB6.6/C-PF6.6.

Change from 2019

No change

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Activity | Scope 3 category | Emissions (metric tons CO2e) | Please explain |
|--|--|--|---------------------------------------|
| Select from: List created using the business activity area for which you selected: "Elsewhere in value chain only" or "Both own land and elsewhere in value chain" in response to the "Agriculture/Forestry" row; and/or "Elsewhere in the value chain only" or "Both direct operations and elsewhere in the value chain" in response to the "Processing/Manufacturing" and/or "Distribution" rows; and/or "Yes" in response to the "Consumption" row in C-AC0.6/C-FB0.6/C-PF0.6. | Select from: <ul style="list-style-type: none">● Purchased goods and services (Agriculture/Forestry or Processing/Manufacturing)● Processing of sold products (Processing/Manufacturing only)● Upstream transportation and distribution (Distribution only)● Downstream transportation and distribution (Distribution only)● Use of sold products (Consumption only)● End of life treatment of sold products (Consumption only) | Numerical field [enter a number from 0-99,999,999,999 using a maximum of 3 decimal places] | Text field [maximum 4,000 characters] |

[Add Row]

(C-AC6.6b/C-FB6.6b/C-PF6.6b) Why can you not report your Scope 3 emissions by business activity area?

Question dependencies

This question only appears if you select "No" in response to C-AC6.6/C-FB6.6/C-PF6.6.

Change from 2019

No change

Response options

Please complete the following table:

| Primary reason | Please explain |
|--|---------------------------------------|
| Select from: <ul style="list-style-type: none">● Analysis in progress● We are planning to include in the next two years● Judged to be unimportant● Not an immediate business priority● Insufficient data on operations● Lack of internal resources● No instruction from management● Other, please specify | Text field [maximum 4,000 characters] |

Life cycle emissions assessments: capital goods

(C-CG6.6) Does your organization assess the life cycle emissions of any of its products or services?

Change from 2019

New question

Response options

Please complete the following table:

| Assessment of life cycle emissions | Comment |
|---|---------------------------------------|
| Select from: <ul style="list-style-type: none">• Yes• No, but we plan to start doing so within the next two years• No, and we do not plan to start doing so within the next two years | Text field [maximum 2,400 characters] |

(C-CG6.6a) Provide details of how your organization assesses the life cycle emissions of its products or services.

Question dependencies

This question only appears if you select "Yes" in response to C-CG6.6.

Change from 2019

New question

Response options

Please complete the following table:

| Products/services assessed | Life cycle stage(s) most commonly covered | Methodologies/standards/tools applied | Comment |
|--|---|--|---------------------------------------|
| Select from: <ul style="list-style-type: none">• All existing products/services• All new products/services under development• All existing and new products/services• Representative selection of products/services• On a case-by-case basis• Products/services meeting certain criteria (please specify) | Select from: <ul style="list-style-type: none">• Cradle-to-gate• Cradle-to-grave• Cradle-to-cradle/closed loop production• Cradle-to-gate + end-of-life stage• Gate-to-gate• Use stage• End-of-life stage• Other, please specify | Select all that apply: <ul style="list-style-type: none">• Bilan Carbone• EU Product Environmental Footprint (EUPEF)• French Product Environmental Footprint• GHG Protocol Product Accounting & Reporting Standard• ISO 14025• ISO 14040 & 14044• ISO 14067• PAS 2050• Other, please specify | Text field [maximum 2,400 characters] |

Life cycle emissions assessments: buildings

(C-CN6.6/C-RE6.6) Does your organization assess the life cycle emissions of new construction or major renovation projects?

Question dependencies

This question only appears if you select "New construction or major renovation of buildings" in response to C-CN0.7/C-RE0.7.

Change from 2019

New question

Response options

Please complete the following table:

| Assessment of life cycle emissions | Comment |
|--|---------------------------------------|
| Select from: <ul style="list-style-type: none">• Yes, quantitative assessment• Yes, qualitative assessment• Yes, both qualitative and quantitative assessment• No, but we plan to for upcoming projects• No, and we do not plan to for upcoming projects | Text field [maximum 2,400 characters] |

(C-CN6.6a/C-RE6.6a) Provide details of how your organization assesses the life cycle emissions of new construction or major renovation projects.

Question dependencies

This question only appears if you select "Yes, quantitative assessment", "Yes, qualitative assessment", or "Yes, both qualitative and quantitative assessment" in response to C-CN6.6/C-RE6.6.

Change from 2019

New question

Response options

Please complete the following table:

| Projects assessed | Earliest project phase that most commonly includes an assessment | Life cycle stage(s) most commonly covered | Methodologies/standards/tools applied | Comment |
|--|---|--|---|---------------------------------------|
| Select from: <ul style="list-style-type: none">● All new construction and major renovation projects● New construction and major renovation projects meeting certain criteria (please specify)● On a case by case basis | Select from: <ul style="list-style-type: none">● Pre-design phase● Design phase● Construction● Operation | Select from: <ul style="list-style-type: none">● Cradle-to-gate● Cradle-to-practical completion/handover● Use stage● End-of-life stage● Cradle-to-grave● Whole life● Other, please specify | Select all that apply: <ul style="list-style-type: none">● BBCA Label (Bâtiment Bas Carbone)● E+C- Label (Énergie Positive & Réduction Carbone)● Embodied Carbon in Construction Calculator (EC3) Tool● EN 15978● EN 15804● GHG protocol - Product Life Cycle Accounting and Reporting Standard● ISO 14040/44● ISO 10425● One Click LCA● The Carbon Smart Materials Palette®● Whole life carbon assessment for the built environment (RICS)● Other, please specify | Text field [maximum 2,400 characters] |

(C-CN6.6b/C-RE6.6b) Can you provide embodied carbon emissions data for any of your organization's new construction or major renovation projects completed in the last three years?

Question dependencies

This question only appears if you select "Yes, quantitative assessment" or "Yes, both qualitative and quantitative assessment" in response to C-CN6.6/C-RE6.6.

Change from 2019

New question

Response options

Please complete the following table:

| Ability to disclose embodied carbon emissions | Comment |
|---|---------------------------------------|
| Select from: <ul style="list-style-type: none">● Yes● No | Text field [maximum 2,400 characters] |

(C-CN6.6c/C-RE6.6c) Provide details of the embodied carbon emissions of new construction or major renovation projects completed in the last three years.

Change from 2019

New question

Question dependencies

This question only appears if you select "Yes" in response to C-CN6.6b/C-RE6.6b.

Response options

Please complete the following table. The table is displayed over several rows for readability. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Year of completion | Property sector | Type of project | Project name/ID (optional) | Life cycle stage(s) covered |
|---|---|---|---------------------------------------|--|
| Numerical field [enter a number between 1990- 2020] | Select from: <ul style="list-style-type: none"> ● Retail ● Office ● Industrial ● Residential ● Hotel ● Lodging, Leisure & Recreation ● Education ● Technology/Science ● Healthcare ● Mixed use ● Other, please specify | Select from: <ul style="list-style-type: none"> ● New construction ● Major renovation | Text field [maximum 2,400 characters] | Select from: <ul style="list-style-type: none"> ● Cradle-to-gate ● Cradle-to-practical completion/handover ● Use stage ● End-of-life stage ● Cradle-to-grave ● Whole life ● Other, please specify |

| Normalization factor (denominator) | Denominator unit | Embodied carbon (kg/CO2e per the denominator unit) | % of new construction/major renovation projects in the last three years covered by this metric (by floor area) | Methodologies/standards/tools applied | Comment |
|---|---|---|--|--|---------------------------------------|
| Select from: <ul style="list-style-type: none"> ● IPMS 1 ● IPMS 2 – Office ● IPMS 2 – Industrial ● IPMS 2 – Residential ● IPMS 2 – Retail ● IPMS 3 – Office ● IPMS 3A – Industrial ● IPMS 3A – Residential ● IPMS 3A – Retail ● IPMS 3B – Industrial ● IPMS 3B – Residential ● IPMS 3B – Retail ● IPMS 3C – Residential ● IPMS 3C – Retail ● Internal building volume ● Other, please specify | Select from: <ul style="list-style-type: none"> ● square foot ● square meter ● cubic foot ● cubic meter | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] | Percentage field [enter a percentage from 0-100 using a maximum of 2 decimal places] | Select all that apply: <ul style="list-style-type: none"> ● BBCA Label (Bâtiment Bas Carbone) ● E+C- Label (Énergie Positive & Réduction Carbone) ● Embodied Carbon in Construction Calculator (EC3) Tool <ul style="list-style-type: none"> ● EN 15978 ● EN 15804 ● GHG Protocol - Product Life Cycle Accounting and Reporting Standard ● ISO 14040/44 ● ISO 14025 ● One Click LCA ● Whole life carbon assessment for the built environment (RICS) ● Other, please specify | Text field [maximum 2,400 characters] |

[Add Row]

Biogenic carbon data

(C6.7) Are carbon dioxide emissions from biogenic carbon relevant to your organization?

Change from 2019

Minor change; Removed question for FS only

Connection to other frameworks

SDG

Goal 7: Affordable and clean energy

Response options

Select one of the following options:

- Yes
- No

(C6.7a) Provide the emissions from biogenic carbon relevant to your organization in metric tons CO2.

Question dependencies

This question only appears if you select "Yes" in response to C6.7.

Change from 2019

Minor change; Removed question for FS only

Connection to other frameworks

SDG

Goal 7: Affordable and clean energy

Response options

Please complete the following table:

| CO2 emissions from biogenic carbon (metric tons CO2) | Comment |
|---|---------------------------------------|
| Numerical field [enter a number from 0-999,999,999,999 using a maximum of 3 decimal places and no commas] | Text field [maximum 2,400 characters] |

Biogenic carbon data: agriculture

Questions C6.8 and C6.9 only apply to organizations with activities in the following sectors:

- Agricultural commodities
- Food, beverage & tobacco
- Paper & forestry

(C-AC6.8/C-FB6.8/C-PF6.8) Is biogenic carbon pertaining to your direct operations relevant to your current CDP climate change disclosure?

Change from 2019

No change

Response options

Select one of the following options:

- Yes
- No
- Don't know

(C-AC6.8a/C-FB6.8a/C-PF6.8a) Account for biogenic carbon data pertaining to your direct operations and identify any exclusions.

Question dependencies

This question only appears if you select "Yes" in response to C-AC6.8/C-FB6.8/C-PF6.8.

Change from 2019

No change

Response options

Please complete the following table:

| Type of change | Emissions (metric tons CO2e) | Methodology | Please explain |
|--|--|--|---------------------------------------|
| CO2 emissions from land use management | Numerical field [enter a number from 0-99,999,999,999 using a maximum of 3 decimal places] | Select all that apply: <ul style="list-style-type: none"> Default emissions factors Region-specific emissions factors Empirical models Process-based models Field measurements Other, please specify | Text field [maximum 2,400 characters] |
| CO2 removals from land use management | | | |
| Sequestration during land use change | | | |
| CO2 emissions from biofuel combustion (land machinery) | | | |
| CO2 emissions from biofuel combustion (processing/manufacturing machinery) | | | |
| CO2 emissions from biofuel combustion (other) | | | |

Other emissions data: agricultural commodities

(C-AC6.9/C-FB6.9/C-PF6.9) Do you collect or calculate greenhouse gas emissions for each commodity reported as significant to your business in C-AC0.7/C-FB0.7/C-PF0.7?

Question dependencies

This question only appears if you responded to C-AC0.7/FB0.7/PF0.7.

Change from 2019

No change

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Agricultural commodities | Do you collect or calculate GHG emissions for this commodity? | Please explain |
|--|--|---------------------------------------|
| Select from: List created with commodities selected in C-AC0.7/C-FB0.7/C-PF0.7. | Select from: <ul style="list-style-type: none"> Yes No, not currently but intend to collect or calculate this data within the next two years No | Text field [maximum 2,000 characters] |

[Add Row]

(C-AC6.9a/C-FB6.9a/C-PF6.9a) Report your greenhouse gas emissions figure(s) for your disclosing commodity(ies), explain your methodology, and include any exclusions.

Question dependencies

This question only appears if you select "Yes" in response to C-AC6.9/C-FB6.9/C-PF6.9

Change from 2019

No change

Response options

Please complete the following table:

| Agricultural commodity | Reporting emissions by | Emissions (metric tons CO2e) | Denominator: unit of production | Change from last reporting year | Please explain |
|--|---|--|---|---|---------------------------------------|
| Rows triggered by commodities for which "Yes" was selected in C-AC6.9/C-FB6.9/C-PF6.9. | Select from: <ul style="list-style-type: none">● Total● Unit of production | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 10 decimal places] | Select from: <ul style="list-style-type: none">● Kilograms● Liters● Metric tons● Unit of product● Unit of revenue● Other, please specify | Select from: <ul style="list-style-type: none">● This is our first year of measurement● Much lower● Lower● About the same● Higher● Much higher | Text field [maximum 2,000 characters] |

Emissions intensities

(C6.10) 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.

Change from 2019
Modified guidance

Connection to other frameworks

SDG

Goal 13: Climate action

Response options

Please complete the following table. It is requested that you first report your emissions intensity figure per unit of currency total revenue. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Intensity figure | Metric numerator (Gross global combined Scope 1 and 2 emissions, metric tons CO2e) | Metric denominator | Metric denominator: Unit total | Scope 2 figure used | % change from previous year | Direction of change | Reason for change |
|--|---|--|---|---|---|--|---------------------------------------|
| Numerical field [enter a number from 0-999,999,999,999 using a maximum of 10 decimal places and no commas] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places and no commas] | Select from: <ul style="list-style-type: none"> unit total revenue barrel of oil equivalent (BOE) billion (currency) funds under management full time equivalent (FTE) employee kilometer liter of product megawatt hour generated (MWh) megawatt hour transmitted (MWh) metric ton of product ounce of gold ounce of platinum passenger kilometer room night produced square foot square meter metric ton of aggregate metric ton of aluminum metric ton of coal metric ton of ore processed metric ton of steel unit hour worked unit of production unit of service provided vehicle produced Other, please specify | Numerical field [enter a number from 0-999,999,999,999,999 using a maximum of 2 decimal places and no commas] | Select from: <ul style="list-style-type: none"> Location-based Market-based | Numerical field [enter a number from 0-999 using a maximum of 2 decimal places] | Select from: <ul style="list-style-type: none"> Increased Decreased No change | Text field [maximum 2,400 characters] |

[Add Row]

Emissions intensities: Cement

(C-CE6.11) State your organization's Scope 1 and Scope 2 emissions intensities related to cement production activities.

Change from 2019

No change

Response options

Please complete the following table:

| Output product | Gross Scope 1 emissions intensity, metric tons CO2e per metric ton | Net Scope 1 emissions intensity, metric tons CO2e per metric ton | Scope 2, location-based emissions intensity, metric tons CO2e per metric ton |
|-----------------------|--|--|--|
| Clinker | Numerical field [enter a number from 0-99 using a maximum of 4 decimal places] | Numerical field [enter a number from 0-99 using a maximum of 4 decimal places] | Numerical field [enter a number from 0-99 using a maximum of 4 decimal places] |
| Cement equivalent | | | |
| Cementitious products | | | |
| Low-CO2 materials | | | |

Emissions intensities: Oil and gas

(C-OG6.12) Provide the intensity figures for Scope 1 emissions (metric tons CO2e) per unit of hydrocarbon category.

Change from 2019
No change

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Unit of hydrocarbon category (denominator) | Metric tons CO2e from hydrocarbon category per unit specified | % change from previous year | Direction of change | Reason for change | Comment |
|---|---|---|--|---------------------------------------|---------------------------------------|
| Select all that apply: <ul style="list-style-type: none">Thousand barrels of crude oil/condensateThousand barrels of natural gas liquidsThousand barrels of oil sands (includes bitumen and synthetic crude)Million cubic feet of natural gasThousand barrels of refinery throughputThousand barrels of refinery net productionThousand metric tons of "high value chemicals" (lower olefins)Other, please specify | Numerical field [enter a number from 0-999,999,999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-999 using a maximum of 2 decimal places] | Select from: <ul style="list-style-type: none">IncreasedDecreasedNo change | Text field [maximum 2,400 characters] | Text field [maximum 2,400 characters] |

[Add Row]

(C-OG6.13) Report your methane emissions as percentages of natural gas and hydrocarbon production or throughput.

Change from 2019
No change

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Oil and gas business division | Estimated total methane emitted expressed as % of natural gas production or throughput at given division | Estimated total methane emitted expressed as % of total hydrocarbon production or throughput at given division | Comment |
|--|--|--|---------------------------------------|
| Select all that apply: <ul style="list-style-type: none">UpstreamMidstreamDownstreamChemicalsOther, please specify | Numerical field [enter a number from 0-100 with a maximum of three decimal places] | Numerical field [enter a number from 0-100 with a maximum of three decimal places] | Text field [maximum 2,400 characters] |

[Add Row]

Emissions intensities: Steel

(C-ST6.14) State your organization's emissions and energy intensities by steel production process route.

Change from 2019
No change

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Process route | Emissions intensity figure, metric tons CO ₂ e per metric ton of crude steel production | Energy intensity figure, GJ (LHV) per metric ton of crude steel production | Methodology applied | Comment |
|--|--|--|--|---------------------------------------|
| Select from: <ul style="list-style-type: none"> ● Blast furnace-basic oxygen furnace ● Scrap-electric arc furnace ● Direct reduced iron-electric arc furnace ● Other, please specify | Numerical field [enter a number from 0-99 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-99 using a maximum of 2 decimal places] | Select from: <ul style="list-style-type: none"> ● GHG Protocol ● Worldsteel Association ● Other, please specify | Text field [maximum 2,400 characters] |

[Add Row]

Emissions intensities: Transport services

(C-TS6.15) What are your primary intensity (activity-based) metrics that are appropriate to your emissions from transport activities in Scope 1, 2, and 3?

Change from 2019

No change

Response options

Please complete the following table:

| Activity | Scopes used for calculation of intensities | Intensity figure | Metric numerator: emissions in metric tons CO ₂ e |
|----------|---|--|--|
| LDV | Select from: <ul style="list-style-type: none"> ● Report just Scope 1 ● Report Scope 1 + 2 ● Report Scope 1 + 2 + 3 (category 4) | Numerical field [enter a number from 0- 999,999,999,999 using a maximum of 6 decimal places] | Numerical field [enter a number from 0- 999,999,999,999 using a maximum of 2 decimal places] |
| HDV | Select from: <ul style="list-style-type: none"> ● Report just Scope 1 ● Report Scope 1 + 2 ● Report Scope 1 + 2 + 3 (category 4) | | |
| Rail | Select from: <ul style="list-style-type: none"> ● Report just Scope 1 ● Report Scope 1 + 2 ● Report Scope 1 + 2 + 3 (category 4) | | |
| Aviation | Select from: <ul style="list-style-type: none"> ● Report just Scope 1 ● Report Scope 1 + 2 ● Report Scope 1 + 2 + 3 (category 4) | | |
| Marine | Select from: <ul style="list-style-type: none"> ● Report just Scope 1 ● Report Scope 1 + 2 ● Report Scope 1 + 2 + 3 (category 4) | | |
| ALL | Select from: <ul style="list-style-type: none"> ● Report just Scope 1 ● Report Scope 1 + 2 ● Report Scope 1 + 2 + 3 (category 4) | | |

| Metric denominator: unit | Metric denominator: unit total | % change from previous year | Please explain any exclusions in your coverage of transport emissions in selected category, and reasons for change in emissions intensity. |
|---|--|---|--|
| Select from: <ul style="list-style-type: none"> <input type="radio"/> p.km <input type="radio"/> p.mile <input type="radio"/> t.km <input type="radio"/> t.mile | Numerical field [enter a number from 0- 999,999,999 using a maximum of 2 decimal places] | Numerical field [enter a number from -999 to 999 using a maximum of 2 decimal places] | Text field [maximum 2,400 characters] |

C7 Emissions breakdown

Scope 1 breakdown: GHGs

(C7.1) Does your organization break down its Scope 1 emissions by greenhouse gas type?

Change from 2019

Removed question for FS only

Response options

Select one of the following options:

- Yes
- No
- Don't know

(C7.1a) Break down your total gross global Scope 1 emissions by greenhouse gas type and provide the source of each used global warming potential (GWP).

Question dependencies

This question only appears if you select "Yes" in response to C7.1.

Change from 2019

Removed question for FS only

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Greenhouse gas | Scope 1 emissions (metric tons in CO2e) | GWP Reference |
|--|--|---|
| Select from: <ul style="list-style-type: none">● CO2● CH4● N2O● HFCs● PFCs● SF6● NF3● Other, please specify | Numerical field [enter a range of 0-999,999,999,999 using a maximum of 3 decimal places and no commas] | Select from: <ul style="list-style-type: none">● IPCC Fifth Assessment Report (AR5 – 100 year)● IPCC Fourth Assessment Report (AR4 - 100 year)● IPCC Third Assessment Report (TAR - 100 year)● IPCC Second Assessment Report (SAR - 100 year)● IPCC Fourth Assessment Report (AR4 - 50 year)● IPCC Third Assessment Report (TAR - 50 year)● IPCC Second Assessment Report (SAR - 50 year)● IPCC Fifth Assessment Report (AR5 – 20 year)● IPCC Fourth Assessment Report (AR4 - 20 year)● IPCC Third Assessment Report (TAR - 20 year)● IPCC Second Assessment Report (SAR - 20 year)● Other, please specify |

[Add Row]

(C-CO7.1b) Break down your total gross global Scope 1 emissions from coal mining activities in the reporting year by greenhouse gas type.

Question dependencies

This question only appears if you select "Yes" in response to C7.1

Change from 2019

No change

Response options

Please complete the following table:

| Emissions sources | Gross Scope 1 CO2 emissions (metric tons CO2) | Gross Scope 1 methane emissions (metric tons CH4) | Total gross Scope 1 GHG emissions (metric tons CO2e) | Comment |
|--|--|--|--|---------------------------------------|
| Fugitives (Underground coal mining) | Numerical field [enter up to 999,999,999,999 and up to 3 decimal places] | Numerical field [enter up to 999,999,999,999 and up to 3 decimal places] | Numerical field [enter up to 999,999,999,999 and up to 3 decimal places] | Text field [maximum 2,400 characters] |
| Fugitives (Surface coal mining) | | | | |
| Fugitives (Post-mining and abandoned coal mines) | | | | |
| Flaring | | | | |
| Utilized methane | | | | |
| Combustion (Underground coal mining, excluding flaring and utilization) | | | | |
| Combustion (Surface coal mining, excluding flaring, excluding flaring and utilization) | | | | |
| Combustion (Electricity generation) | | | | |
| Combustion (Other) | | | | |
| Emissions not elsewhere classified | | | | |

(C-EU7.1b) Break down your total gross global Scope 1 emissions from electric utilities value chain activities by greenhouse gas type.

Question dependencies

This question only appears if you select "Yes" in response to C7.1

Change from 2019

No change

Response options

Please complete the following table:

| Emissions sources | Gross Scope 1 carbon dioxide emissions (metric tons CO2) | Gross Scope 1 methane emissions (metric tons CH4) | Gross Scope 1 SF6 emissions (metric tons SF6) | Total gross Scope 1 GHG emissions (metric tons CO2e) | Comment |
|------------------------------------|---|---|---|---|---------------------------------------|
| Fugitives | Numerical field [enter a number from 0-999,999,999 using a maximum of 3 decimal places] | Numerical field [enter a number from 0-999,999,999 using a maximum of 3 decimal places] | Numerical field [enter a number from 0-999,999,999 using a maximum of 3 decimal places] | Numerical field [enter a number from 0-999,999,999 using a maximum of 3 decimal places] | Text field [maximum 2,400 characters] |
| Combustion (Electric utilities) | | | | | |
| Combustion (Gas utilities) | | | | | |
| Combustion (Other) | | | | | |
| Emissions not elsewhere classified | | | | | |

(C-OG7.1b) Break down your total gross global Scope 1 emissions from oil and gas value chain production activities by greenhouse gas type.

Question dependencies

This question only appears if you select "Yes" in response to C7.1.

Change from 2019

No change

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Emissions category | Value Chain | Product | Gross Scope 1 CO2 emissions (metric tons CO2) | Gross Scope 1 methane emissions (metric tons CH4) | Total gross Scope 1 GHG emissions (metric tons CO2e) | Comment |
|--|---|---|---|---|---|---------------------------------------|
| Select all that apply: <ul style="list-style-type: none">● Combustion (excluding flaring)● Flaring● Venting● Fugitives● Process (feedstock) emissions● Other (please specify) | Select all that apply: <ul style="list-style-type: none">● Upstream● Midstream● Downstream● Other (please specify) | Select from: <ul style="list-style-type: none">● Oil● Gas● Unable to disaggregate | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 3 decimal places] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 3 decimal places] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 3 decimal places] | Text field [maximum 2,400 characters] |

[Add Row]

Scope 1 breakdown: country

(C7.2) Break down your total gross global Scope 1 emissions by country/region.

Change from 2019

Removed question for FS only

Connection to other frameworks

SDG

Goal 12: Responsible consumption and production

Goal 13: Climate action

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Country/Region | Scope 1 emissions (metric tons CO2e) |
|--|---|
| Select from a drop-down list of countries and regions. Please see the Technical Note "Country and Regions" for details around the available regions and their constituent countries. | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 3 decimal places and no commas] |

[Add Row]

Scope 1 breakdown: business breakdown

(C7.3) Indicate which gross global Scope 1 emissions breakdowns you are able to provide.

Change from 2019

Removed question for FS only

Response options

Select all that apply from the following options:

- By business division
- By facility
- By activity

(C7.3a) Break down your total gross global Scope 1 emissions by business division.

Question dependencies

This question only appears if you select "By business division" in response to C7.3.

Change from 2019

Removed question for FS only

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Business division | Scope 1 emissions (metric tons CO2e) |
|-------------------------------------|---|
| Text field [maximum 500 characters] | Numerical field [enter a range of 0- 999,999,999,999 using a maximum of 3 decimal places and no commas] |

[Add Row]

(C7.3b) Break down your total gross global Scope 1 emissions by business facility.

Question dependencies

This question only appears if you select "By facility" in response to C7.3.

Change from 2019

Removed question for FS only

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Facility | Scope 1 emissions (metric tons CO2e) | Latitude | Longitude |
|-------------------------------------|--|--|--|
| Text field [maximum 500 characters] | Numerical field [enter a range of 0-999,999,999,999 using a maximum of 3 decimal places and no commas] | Enter the latitude of your facility here using numbers between 90.000000 and - 90.000000, e.g. 51.524810 | Enter the longitude of your facility using numbers between 180.000000 and - 180.000000, e.g. -0.106958 |

[Add Row]

(C7.3c) Break down your total gross global Scope 1 emissions by business activity.

Question dependencies

This question only appears if you select "By activity" in response to C7.3.

Change from 2019

Removed question for FS only

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Activity | Scope 1 emissions (metric tons CO2e) |
|-------------------------------------|--|
| Text field [maximum 500 characters] | Numerical field [enter a range of 0-999,999,999,999 using a maximum of 3 decimal places and no commas] |

[Add Row]

Scope 1 breakdown: agriculture

Question C7.4 only applies to organizations with activities in the following sectors:

- Agricultural commodities
- Food, beverage & tobacco
- Paper & forestry
- Coal
- Electric utilities
- Oil and gas
- Cement
- Chemical
- Metals and mining
- Steel

- Transport OEMs
- Transport services

(C-AC7.4/C-FB7.4/C-PF7.4) Do you include emissions pertaining to your business activity(ies) in your direct operations as part of your global gross Scope 1 figure?

Question dependencies

This question only appears if you select the following options in response to C-AC0.6/C-FB0.6/C-PF0.6:

- "Own land only" or "Both own land and elsewhere in value chain" for "Agriculture/Forestry" business activity, AND/OR,
- "Direct operations only" or "Both direct operations and elsewhere in value chain" for "Processing/Manufacturing" and/or "Distribution" business activities.

Change from 2019

No change

Response options

Select one of the following options:

- Yes
- Partially
- No

(C-AC7.4a/C-FB7.4a/C-PF7.4a) Select the form(s) in which you are reporting your agricultural/forestry emissions.

Question dependencies

This question only appears if you select "Yes" or "Partially" in response to C-AC7.4/C-FB7.4/C-PF7.4 AND select "Own land only" or "Both own land and elsewhere in value chain" in response to the 'Agriculture/Forestry' row in C-AC0.6/C-FB0.6/C-PF0.6

Change from 2019

No change

Response options

Select one of the following options:

- Total emissions
- Emissions disaggregated by category (advised by the GHG Protocol)

(C-AC7.4b/C-FB7.4b/C-PF7.4b) Report the Scope 1 emissions pertaining to your business activity(ies) and explain any exclusions. If applicable, disaggregate your agricultural/forestry by GHG emissions category.

Question dependencies

This question only appears if you select "Yes" or "Partially" in response to C-AC7.4/C-FB7.4/C-PF7.4.

Change from 2019

No change

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table:

| Activity | Emissions category | Emissions (metric tons CO2e) | Methodology | Please explain |
|--|--|---|--|---------------------------------------|
| Select from: • [List created from your response to C-AC0.6/C-FB0.6/C-PF0.6] | Select from: <ul style="list-style-type: none">● Non-mechanical● Land use change● Mechanical● Total | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 3 decimal places] | Select all that apply: <ul style="list-style-type: none">● Default emissions factor● Region-specific emissions factors● Empirical models● Process-based models● Field measurements● Other, please specify | Text field [maximum 2,400 characters] |

[Add Row]

(C-AC7.4c/C-FB7.4c/C-PF7.4c) Why do you not include greenhouse gas emissions pertaining your business activity(ies) in your direct operations as part of your global gross Scope 1 figure? Describe any plans to do so in the future.

Question dependencies

This question only appears if you select "No" in response to C-AC7.4/C-FB7.4/C-PF7.4.

Change from 2019

No change

Response options

Please complete the following table:

| Primary reason | Please explain |
|--|---------------------------------------|
| Select from: <ul style="list-style-type: none">● Analysis in progress● We are planning to include in the next two years● Judged to be unimportant● Not an immediate business priority● No instruction from management● Lack of internal resources● Other, please specify | Text field [maximum 4,000 characters] |

Scope 1 breakdown: sector production activities

(C-CE7.4/C-CH7.4/C-CO7.4/C-EU7.4/C-MM7.4/C-OG7.4/C-ST7.4/C-TO7.4/C-TS7.4) Break down your organization's total gross global Scope 1 emissions by sector production activity in metric tons CO2e.

Change from 2019

Modified question for OG only

Response options

Please complete the following table:

| Sector production activity | Gross Scope 1 emissions, metric tons CO2e | Net Scope 1 emissions, metric tons CO2e* | Comment |
|--|---|---|---------------------------------------|
| Cement production activities** | Numerical field [enter a number from 0-999,999,999 using a maximum of 3 decimal places] | Numerical field [enter a number from 0-999,999,999 using a maximum of 3 decimal places] | Text field [maximum 2,400 characters] |
| Chemicals production activities** | | | |
| Coal production activities** | | | |
| Electric utility activities** | | | |
| Metals and mining production activities** | | | |
| Oil and gas production activities (upstream)** | | | |
| Oil and gas production activities (midstream)** | | | |
| Oil and gas production activities (downstream)** | | | |
| Steel production activities** | | | |
| Transport OEM activities** | | | |
| Transport services activities** | | | |

*This column only appears for cement production activities

**This row only appears for the relevant sector

Scope 2 breakdown: country

(C7.5) Break down your total gross global Scope 2 emissions by country/region.

Change from 2019

Removed question for EU and FS only

Connection to other frameworks

Goal 7: Affordable and clean energy

Goal 12: Responsible consumption and production

Goal 13: Climate action

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Country/Region | Scope 2, location-based (metric tons CO2e) | Scope 2, market-based (metric tons CO2e) | Purchased and consumed electricity, heat, steam or cooling (MWh) | Purchased and consumed low-carbon electricity, heat, steam or cooling accounted for in Scope 2 market-based approach (MWh) |
|---|--|--|--|--|
| Select from a drop-down list of countries and regions. Please see the Technical Note " Country and Regions ", for details around the available regions and their constituent countries. | Numerical field [enter a number from 0-99,999,999,999 using a maximum of 3 decimal places and no commas] | Numerical field [enter a number from 0-99,999,999,999 using a maximum of 3 decimal places and no commas] | Numerical field [enter a number of 0- 999,999,999,999 using a maximum of 2 decimal places and no commas] | Numerical field [enter a number of 0- 999,999,999,999 using a maximum of 2 decimal places and no commas] |

[Add Row]

Scope 2 breakdown: business breakdowns

(C7.6) Indicate which gross global Scope 2 emissions breakdowns you are able to provide.

Change from 2019

Removed question for EU and FS only

Response options

Select all that apply from the following options:

- By business division
- By facility
- By activity

(C7.6a) Break down your total gross global Scope 2 emissions by business division.

Question dependencies

This question only appears if you select "By business division" in response to C7.6.

Change from 2019

Removed question for EU and FS only

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Business division | Scope 2, location-based (metric tons CO2e) | Scope 2, market-based (metric tons CO2e) |
|-------------------------------------|--|--|
| Text field [500 maximum characters] | Numerical field [enter a number from 0-99,999,999,999 using a maximum of 3 decimal places and no commas] | Numerical field [enter a number from 0-99,999,999,999 using a maximum of 3 decimal places and no commas] |

[Add Row]

(C7.6b) Break down your total gross global Scope 2 emissions by business facility.

Question dependencies

This question only appears if you select "By facility" in response to C7.6.

Change from 2019

Removed question for EU and FS only

Response options

Please complete the following table. You are able to add rows by using the “Add Row” button at the bottom of the table.

| Facility | Scope 2, location-based (metric tons CO2e) | Scope 2, market-based (metric tons CO2e) |
|-------------------------------------|--|--|
| Text field [maximum 500 characters] | Numerical field [enter a number from 0-99,999,999,999 using a maximum of 3 decimal places and no commas] | Numerical field [enter a number from 0-99,999,999,999 using a maximum of 3 decimal places and no commas] |

[Add Row]

(C7.6c) Break down your total gross global Scope 2 emissions by business activity.

Question dependencies

This question only appears if you select “By activity” in response to C7.6.

Change from 2019

Removed question for EU and FS only

Response options

Please complete the following table. You are able to add rows by using the “Add Row” button at the bottom of the table.

| Activity | Scope 2, location-based (metric tons CO2e) | Scope 2, market-based (metric tons CO2e) |
|-------------------------------------|--|--|
| Text field [maximum 500 characters] | Numerical field [enter a number from 0-99,999,999,999 using a maximum of 3 decimal places and no commas] | Numerical field [enter a number from 0-99,999,999,999 using a maximum of 3 decimal places and no commas] |

[Add Row]

Scope 2 breakdown: sector production activities

Question C-CE7.7/C-CH7.7/C-CO7.7/C-MM7.7/C-OG7.7/C-ST7.7/C-TO7.7/C-TS7.7 only applies to organizations with activities in the following sectors:

- Cement
- Chemicals
- Coal
- Metals & mining
- Oil & gas
- Steel
- Transport OEMS
- Transport services

(C-CE7.7/C-CH7.7/C-CO7.7/C-MM7.7/C-OG7.7/C-ST7.7/C-TO7.7/C-TS7.7) Break down your organization’s total gross global Scope 2 emissions by sector production activity in metric tons CO2e.

Change from 2019

Modified question for OG only

Response options

Please complete the following table:

| Sector production activity | Scope 2, location-based, metric tons CO2e | Scope 2, market-based (if applicable), metric tons CO2e | Comment |
|---|--|--|---------------------------------------|
| Cement production activities* | Numerical field [enter a number from 0-99,999,999 using a maximum of 3 decimal places] | Numerical field [enter a number from 0-99,999,999 using a maximum of 3 decimal places] | Text field [maximum 2,400 characters] |
| Chemicals production activities* | | | |
| Coal production activities* | | | |
| Metals and mining production activities* | | | |
| Oil and gas production activities (upstream)* | | | |
| Oil and gas production activities (midstream)* | | | |
| Oil and gas production activities (downstream)* | | | |
| Steel production activities* | | | |
| Transport OEM activities* | | | |
| Transport services activities* | | | |

*This row only appears for the relevant sector

Scope 3 breakdown

Question C7.8 only applies to organizations with activities in the following sectors:

- Chemicals
- Transport manufacturers

(C-CH7.8) Disclose the percentage of your organization's Scope 3, Category 1 emissions by purchased chemical feedstock.

Change from 2019

No change

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Purchased feedstock | Percentage of Scope 3, Category 1 tCO 2e from purchased feedstock | Explain calculation methodology |
|---|--|---------------------------------------|
| Select from: <ul style="list-style-type: none"> ● High Value Chemicals (Steam cracking) ● Ammonia ● Aromatics extraction ● Methanol ● Butylene ● Propylene (FCC) ● Ethanol ● Butadiene (C4 sep.) ● Nitric acid ● Adipic acid ● Caprolactam ● Soda ash ● Carbon black ● Polymers ● Specialty chemicals ● Other base chemicals ● Anthracite ● Coal ● Lignite ● Coke ● Patent fuel / BKB ● Petroleum coke ● Diesel oil ● Gas oil ● Heavy fuel oil ● Oil shale ● Gasoline ● White Spirit / SBP ● Lubricants ● Naphtha ● Special Naphtha ● Propane liquid ● Propane gas ● Ethane ● Butane ● LPG ● Refinery gas ● Natural gas ● Solid biomass ● Liquid biofuel ● Waste biofuel ● Biogas ● Other (please specify) | Percentage field [enter a percentage from 0-100 using a maximum of 2 decimal places] | Text field [maximum 2,400 characters] |

[Add Row]

(C-CH7.8a) Disclose sales of products that are greenhouse gases.

Change from 2019

No change

Response options

Please complete the following table:

| Output product | Sales, metric tons | Comment |
|----------------------------|---|---------------------------------------|
| Carbon dioxide (CO2) | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] | Text field [maximum 2,400 characters] |
| Methane (CH4) | | |
| Nitrous oxide (N2O) | | |
| Hydrofluorocarbons (HFC) | | |
| Perfluorocarbons (PFC) | | |
| Sulphur hexafluoride (SF6) | | |
| Nitrogen trifluoride (NF3) | | |

(C-T07.8) Provide primary intensity metrics that are appropriate to your indirect emissions in Scope 3 Category 11: Use of sold products from transport.

Change from 2019

No change

Response options

Please complete the following table. The table is displayed over several rows for readability. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Activity | Emissions intensity figure | Metric numerator (Scope 3 emissions: use of sold products) in Metric tons CO2e | Metric denominator | Metric denominator: Unit total |
|---|--|---|---|---|
| Select from: Drop-down options determined by transport modes selected in C-T00.7/C-TS0.7 | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 10 decimal places and no commas] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places and no commas] | Select from: LDV <ul style="list-style-type: none">p.kmt.kmp.milet.mile HDV <ul style="list-style-type: none">p.kmt.kmp.milet.mile Rail <ul style="list-style-type: none">p.kmt.kmp.milet.mile Aviation <ul style="list-style-type: none">p.kmt.kmp.milet.mile Marine <ul style="list-style-type: none">p.kmt.kmp.milet.milep.nautical milet.nautical mile | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 6 decimal places and no commas] |

[Add Row]

| % change from previous year | Vehicle unit sales in reporting year | Vehicle lifetime in years | Annual distance in km or miles (unit specified by column 4) | Load factor | Please explain the changes, and relevant standards/methodologies used |
|---|---|---|---|---|---|
| Percentage field [enter a percentage from -999 - 999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places and no commas] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places and no commas] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places and no commas] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places and no commas] | Text field [maximum 2,400 characters] |

[Add Row]

Emissions performance

(C7.9) How do your gross global emissions (Scope 1 and 2 combined) for the reporting year compare to those of the previous reporting year?

Change from 2019

No change

Connection to other frameworks

SDG

Goal 7: Affordable and clean energy

Goal 12: Responsible consumption and production

Goal 13: Climate action

Response options

Select one of the following options:

- 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

(C7.9a) 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.

Question dependencies

This question only appears if you select "Increased", "Decreased" or "Remained the same overall" in response to C7.9.

Change from 2019

No change

Connection to other frameworks

SDG

Goal 7: Affordable and clean energy

Response options

Please complete the following table:

| Reason | Change in emissions (metric tons CO2e) | Direction of change | Emissions value (percentage) | Please explain calculation |
|---|---|---|---|---------------------------------------|
| Change in renewable energy consumption | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 3 decimal places and no commas] | Select from: <ul style="list-style-type: none"> Increased Decreased No change | Numerical field [enter a number from 0-999 using a maximum of 2 decimal places and no commas] | Text field [maximum 2,400 characters] |
| Other emissions reduction activities | | | | |
| Divestment | | | | |
| Acquisitions | | | | |
| Mergers | | | | |
| Change in output | | | | |
| Change in methodology | | | | |
| Change in boundary | | | | |
| Change in physical operating conditions | | | | |
| Unidentified | | | | |
| Other | | | | |

(C7.9b) Are your emissions performance calculations in C7.9 and C7.9a based on a location-based Scope 2 emissions figure or a market-based Scope 2 emissions figure?

Question dependencies

This question only appears if you select "Increased", "Decreased" or "Remained the same overall" in response to C7.9.

Change from 2019

No change

Response options

Select one of the following options:

- Location-based
- Market-based
- Don't know

(C-CG7.10) How do your total Scope 3 emissions for the reporting year compare to those of the previous reporting year?

Change from 2019

New question

Response options

Select one of the following options:

- Increased
- Decreased
- Remained the same overall
- This is our first year of reporting
- We don't have any Scope 3 emissions data

(C-CG7.10a) For each Scope 3 category calculated in C6.5, specify how your emissions compare to the previous year and identify the reason for any change.

Change from 2019

New question

Question dependencies

This question only appears if you select "Increased", "Decreased", or "Remained the same overall" in response to C-CG7.10.

Response options

Please complete the following table. Only the sources of Scope 3 emissions selected as "Relevant, calculated" or "Not relevant, calculated" in C6.5 will appear in column 1.

| Scope 3 category | Direction of change | Primary reason for change | Change in emissions in this category (metric tons CO2e) | % change in emissions in this category | Please explain |
|--|---|--|---|---|---------------------------------------|
| Purchased goods and services | Select from: <ul style="list-style-type: none"> Increased Decreased No change First year of reporting this category | Select from: <ul style="list-style-type: none"> Change in renewable energy consumption Change in renewable energy generation Change in product efficiency Change in material efficiency Change in supplier or distributor Other emissions reduction activities Divestment Acquisitions Mergers Change in output Change in methodology Change in boundary Change in physical operating conditions Unidentified Other, please specify | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 3 decimal places and no commas] | Numerical field [enter a number from 0-999 using a maximum of 2 decimal places and no commas] | Text field [maximum 2,400 characters] |
| Capital goods | | | | | |
| Fuel and energy-related activities (not included in Scopes 1 or 2) | | | | | |
| Upstream transportation and distribution | | | | | |
| Waste generated in operations | | | | | |
| Business travel | | | | | |
| Employee commuting | | | | | |
| Upstream leased assets | | | | | |
| Downstream transportation and distribution | | | | | |
| Processing of sold products | | | | | |
| Use of sold products | | | | | |
| End-of-life treatment of sold products | | | | | |
| Downstream leased assets | | | | | |
| Franchises | | | | | |
| Investments | | | | | |
| Other (upstream) | | | | | |
| Other (downstream) | | | | | |

Energy spend

(C8.1) What percentage of your total operational spend in the reporting year was on energy?

Change from 2019

No change

Response options

Select one of the following options:

- ☐ 0%
- ☐ More than 0% but less than or equal to 5%
- ☐ 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 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 45% but less than or equal to 50%
- ☐ More than 50% but less than or equal to 55%
- ☐ 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 70% but less than or equal to 75%
- ☐ More than 75% but less than or equal to 80%
- ☐ 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%
- ☐ More than 95% but less than or equal to 100%
- ☐ Don't know

Energy-related activities

(C8.2) Select which energy-related activities your organization has undertaken.

Question dependencies

The energy-related activities that you select in response to C8.2 determine which energy breakdowns you will be prompted to respond to in the proceeding questions. Please note, if your response to C8.2 is amended, data in dependent questions may be erased.

Change from 2019

Minor change

Response options

Please complete the following table:

| Activity | Indicate whether your organization undertook this energy-related activity in the reporting year |
|--|---|
| Consumption of fuel (excluding feedstocks) | Select from: <ul style="list-style-type: none"> ● Yes ● No |
| Consumption of purchased or acquired electricity | |
| Consumption of purchased or acquired heat | |
| Consumption of purchased or acquired steam | |
| Consumption of purchased or acquired cooling | |
| Generation of electricity, heat, steam, or cooling | |

(C8.2a) Report your organization's energy consumption totals (excluding feedstocks) in MWh.

Question dependencies

This question only appears if you select "Yes" to any of the activities listed in C8.2. A row will appear in this table for each energy-related activity selected in C8.2. The "Total energy consumption" row will always appear.

Change from 2019

Minor change

Connection to other frameworks

SDG

Goal 7: Affordable and clean energy

Goal 12: Responsible consumption and production

Goal 13: Climate action

Response options

Please complete the following table:

| Activity | Heating value | MWh from renewable sources | MWh from non-renewable sources | Total (renewable + non-renewable) MWh |
|---|--|---|---|---|
| Consumption of fuel (excluding feedstock) | Select from: <ul style="list-style-type: none"> ● LHV (lower heating value) ● HHV (higher heating value) ● Unable to confirm heating value | Numerical field [enter a number from 0 to 9,999,999,999 using up to 2 decimal places and no commas] | Numerical field [enter a number from 0 to 9,999,999,999 using up to 2 decimal places and no commas] | Numerical field [enter a number from 0 to 9,999,999,999 using up to 2 decimal places and no commas] |
| Consumption of purchased or acquired electricity | N/A | | | |
| Consumption of purchased or acquired heat | N/A | | | |
| Consumption of purchased or acquired steam | N/A | | | |
| Consumption of purchased or acquired cooling | N/A | | | |
| Consumption of self-generated non-fuel renewable energy | N/A | | N/A | |
| Total energy consumption | N/A | | | |

(C-CE8.2a) Report your organization's energy consumption totals (excluding feedstocks) for cement production activities in MWh.

Question dependencies

This question only appears if you select "Yes" to any of the activities listed in C8.2. A row will appear in this table for each energy-related activity selected in C8.2. The "Total energy consumption" row will always appear.

Change from 2019

No change

Response options

Please complete the following table:

| Activity | Heating value | Total MWh |
|---|---|---|
| Consumption of fuel (excluding feedstock) | Select from: <ul style="list-style-type: none">● LHV (lower heating value)● HHV (higher heating value)● Unable to confirm heating value | Numerical field [enter a number from 0-9,999,999,999 using a maximum of 2 decimal places] |
| Consumption of purchased or acquired electricity | N/A | |
| Consumption of other purchased or acquired energy (heat, steam, and/or cooling) | N/A | |
| Total energy consumption | N/A | |

(C-CH8.2a) Report your organization's energy consumption totals (excluding feedstocks) for chemical production activities in MWh.

Question dependencies

This question only appears if you select "Yes" in response to any of the activities listed in C8.2. A row will appear in this table for each energy-related activity selected in C8.2. The "Total energy consumption" row will always appear.

Change from 2019

No change

Response options

Please complete the following table:

| Activity | Heating value | Total MWh |
|---|---|---|
| Consumption of fuel (excluding feedstock) | Select from: <ul style="list-style-type: none">● LHV (lower heating value)● HHV (higher heating value)● Unable to confirm heating value | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] |
| Consumption of purchased or acquired electricity | N/A | |
| Consumption of purchased or acquired heat | N/A | |
| Consumption of purchased or acquired steam | N/A | |
| Consumption of purchased or acquired cooling | N/A | |
| Consumption of self-generated non-fuel renewable energy | N/A | |
| Total energy consumption | N/A | |

(C-MM8.2a) Report your organization's energy consumption totals (excluding feedstocks) for metals and mining production activities in MWh.

Question dependencies

This question only appears if you select "Yes" to any of the activities listed in C8.2. A row will appear in the response table for each energy-related activity selected in C8.2. The "Total energy consumption" row will always appear.

Change from 2019

No change

Response options

Please complete the following table:

| Activity | Heating value | Total MWh |
|---|--|---|
| Consumption of fuel (excluding feedstock) | Select from: <ul style="list-style-type: none"> ● LHV (lower heating value) ● HHV (higher heating value) ● Unable to confirm heating value | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] |
| Consumption of purchased or acquired electricity | N/A | |
| Consumption of purchased or acquired heat | N/A | |
| Consumption of purchased or acquired steam | N/A | |
| Consumption of purchased or acquired cooling | N/A | |
| Consumption of self-generated non-fuel renewable energy | N/A | |
| Total energy consumption | N/A | |

(C-ST8.2a) Report your organization's energy consumption totals (excluding feedstocks) for steel production activities in MWh.

Question dependencies

This question only appears if you select "Yes" in response to any of the activities listed in C8.2. A row will appear in this table for each energy-related activity selected in C8.2.

Change from 2019

No change

Response options

Please complete the following table

| Activity | Heating value | Total MWh |
|---|--|---|
| Consumption of fuel (excluding feedstock) | Select from: <ul style="list-style-type: none"> ● LHV (lower heating value) ● HHV (higher heating value) ● Unable to confirm heating value | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] |
| Consumption of purchased or acquired electricity | N/A | |
| Consumption of purchased or acquired heat | N/A | |
| Consumption of purchased or acquired steam | N/A | |
| Consumption of purchased or acquired cooling | N/A | |
| Consumption of self-generated non-fuel renewable energy | N/A | |
| Total energy consumption | N/A | |

(C8.2b) Select the applications of your organization's consumption of fuel.

Question dependencies

This question only appears if you select "Yes" to "Consumption of fuel" in response to C8.2. Each option that you select in this table will appear as an additional column in C8.2c.

Change from 2019

Removed question for FS only

Response options

Please complete the following table:

| Fuel application | Indicate whether your organization undertakes this fuel application |
|---|---|
| Consumption of fuel for the generation of electricity | Select from: <ul style="list-style-type: none"> Yes No |
| Consumption of fuel for the generation of heat | |
| Consumption of fuel for the generation of steam | |
| Consumption of fuel for the generation of cooling | |
| Consumption of fuel for co-generation or tri-generation | |

(C8.2c) State how much fuel in MWh your organization has consumed (excluding feedstocks) by fuel type.

Question dependencies

This question only appears if you select "Consumption of fuel" in C8.2. For each fuel application selected in C8.2b a column appears in the table in addition to the "MWh fuel consumed for self-generation of heat" and "Total MWh consumed by the organization" columns. If no fuel application is selected in C8.2b then only the "Total MWh consumed by the organization" column will appear.

Change from 2019

Modified question (2019 C8.2c, C8.2d); Removed question for FS only

Connection to other frameworks

SDG

Goal 7: Affordable and clean energy

Goal 13: Climate action

Response options

Please complete the following table. The table is displayed over several rows for readability. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Fuels | Heating value | Total MWh consumed by the organization | MWh consumed for self-generation of electricity |
|---|---|---|---|
| Select from: Acetylene; Agricultural Waste; Alternative Kiln Fuel (Wastes); Animal Fat; Animal/Bone Meal; Anthracite Coal; Asphalt; Aviation Gasoline; Bagasse; Bamboo; Basic Oxygen Furnace Gas (LD Gas); Biodiesel; Biodiesel Tallow; Biodiesel Waste Cooking Oil; Bioethanol; Biogas; Biogasoline; Biomass Municipal Waste; Biomethane; Bitumen; Bituminous Coal; Black Liquor; Blast Furnace Gas; Brown Coal Briquettes (BKB); Burning Oil; Butane; Butylene; Charcoal; Coal; Coal Tar; Coke; Coke Oven Gas; Coking Coal; Compressed Natural Gas (CNG); Condensate; Crude Oil; Crude Oil Extra Heavy; Crude Oil Heavy; Crude Oil Light; Diesel; Distillate Oil; Dried Sewage Sludge; Ethane; Ethylene; Fuel Gas; Fuel Oil Number 1; Fuel Oil Number 2; Fuel Oil Number 4; Fuel Oil Number 5; Fuel Oil Number 6; Gas Coke; Gas Oil; Gas Works Gas; GCI Coal; General Municipal Waste; Grass; Hardwood; Heavy Gas Oil; Hydrogen; Industrial Wastes; Isobutane; Isobutylene; Jet Gasoline; Jet Kerosene; Kerosene; Landfill Gas; Light Distillate; Lignite Coal; Liquefied Natural Gas (LNG); Liquefied Petroleum Gas (LPG); Liquid Biofuel; Lubricants; Marine Fuel Oil; Marine Gas Oil; Metallurgical Coal; Methane; Motor Gasoline; Naphtha; Natural Gas; Natural Gas Liquids (NGL); Natural Gasoline; Non-Biomass Municipal Waste; Non-Biomass Waste; Oil Sands; Oil Shale; Orimulsion; Other Petroleum Gas; Paraffin Waxes; Patent Fuel; PCI Coal; Peat; Pentanes Plus; Petrochemical Feedstocks; Petrol; Petroleum Coke; Petroleum Products; Pitch; Plastics; Primary Solid Biomass; Propane Gas; Propane Liquid; Propylene; Refinery Feedstocks; Refinery Gas; Refinery Oil; Residual Fuel Oil; Road Oil; SBP; Shale Oil; Sludge Gas; Softwood; Solid Biomass Waste; Special Naphtha; Still Gas; Straw; Subbituminous Coal; Sulphite Lyes; Tar; Tar Sands; Thermal Coal; Thermal Coal Commercial; Thermal Coal Domestic; Thermal Coal Industrial; Tires; Town Gas; Unfinished Oils; Vegetable Oil; Waste Oils; Waste Paper and Card; Waste Plastics; Waste Tires; White Spirit; Wood; Wood Chips; Wood Logs; Wood Pellets; Wood Waste; Other, please specify | Select from: <ul style="list-style-type: none"> LHV HHV Unable to confirm heating value | Numerical field [enter a number from 0 to 9,999,999,999 using up to 2 decimal places and no commas] | Numerical field [enter a number from 0 to 9,999,999,999 using up to 2 decimal places and no commas] |

| MWh consumed for self-generation of heat | MWh consumed for self-generation of steam | MWh consumed for self-generation of cooling | MWh consumed self-cogeneration or self-trigeneration |
|---|---|---|---|
| Numerical field [enter a number from 0 to 9,999,999,999 using up to 2 decimal places and no commas] | Numerical field [enter a number from 0 to 9,999,999,999 using up to 2 decimal places and no commas] | Numerical field [enter a number from 0 to 9,999,999,999 using up to 2 decimal places and no commas] | Numerical field [enter a number from 0 to 9,999,999,999 using up to 2 decimal places and no commas] |

| Emission factor | Unit | Emission factor source | Comment |
|---|---|---------------------------------------|---------------------------------------|
| Numerical field [enter a number from 0 to 999,999 using up to 5 decimal places and no commas] | Select from: <ul style="list-style-type: none"> metric tons CO2e per m3 metric tons CO2 per m3 metric tons CO2e per liter metric tons CO2 per liter metric tons CO2e per barrel metric tons CO2 per barrel | Text field [maximum 2,400 characters] | Text field [maximum 2,400 characters] |

- metric tons CO2e per Mg
- metric tons CO2 per Mg
- metric tons CO2e per metric ton
- metric tons CO2 per metric ton
- metric tons CO2e per short ton
- metric tons CO2 per short ton
- metric tons CO2e per MWh
- metric tons CO2 per MWh
- metric tons CO2e per GJ
- metric tons CO2 per GJ
- metric tons CO2e per million Btu
- metric tons CO2 per million Btu
- metric tons CO2e per boe
- metric tons CO2 per boe
- metric tons CO2e per toe
- metric tons CO2 per toe
- metric tons CO2e per tce
- metric tons CO2 per tce
- metric tons CO2e per Gcal
- metric tons CO2 per Gcal
- kg CO2e per m3
- kg CO2 per m3
- kg CO2e per liter
- kg CO2 per liter
- kg CO2e per barrel
- kg CO2 per barrel
- kg CO2e per gallon
- kg CO2 per gallon
- kg CO2e per Mg
- kg CO2 per Mg
- kg CO2e per metric ton
- kg CO2 per metric ton
- kg CO2e per short ton
- kg CO2 per short ton
- kg CO2e per kWh
- kg CO2 per kWh
- kg CO2e per MWh
- kg CO2 per MWh
- kg CO2e per GJ
- kg CO2 per GJ
- kg CO2e per million Btu
- kg CO2 per million Btu
- kg CO2e per boe
- kg CO2 per boe
- kg CO2e per toe
- kg CO2 per toe
- kg CO2e per tce
- kg CO2 per tce
- kg CO2e per Gcal
- kg CO2 per Gcal
- lb CO2e per 1000 cubic ft3
- lb CO2 per 1000 cubic ft3
- lb CO2e per gallon
- lb CO2 per gallon
- lb CO2e per barrel
- lb CO2 per barrel
- lb CO2e per short ton
- lb CO2 per short ton
- lb CO2e per MWh
- lb CO2 per MWh
- lb CO2e per GJ
- lb CO2 per GJ
- lb CO2e per million Btu

| | | | |
|--|--|--|--|
| | <ul style="list-style-type: none"> ● lb CO2 per million Btu ● lb CO2e per boe ● lb CO2 per boe ● lb CO2e per toe ● lb CO2 per toe ● lb CO2e per tce ● lb CO2 per tce ● lb CO2e per Gcal ● lb CO2 per Gcal | | |
|--|--|--|--|

[Add Row]

(C-CE8.2c) State how much fuel in MWh your organization has consumed (excluding feedstocks) by fuel for cement production activities.

Question dependencies

This question only appears if you select "Consumption of fuel" in C8.2 and a column appears in the table for each fuel application selected in C8.2b. The "Total MWh fuel consumed for cement production activities", "MWh fuel consumed at the kiln" and "MWh fuel consumed for the generation of heat that is not used in the kiln" columns will always appear.

Change from 2019

No change

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Fuels (excluding feedstocks) | Heating value | Total MWh fuel consumed for cement production activities | MWh fuel consumed at the kiln | MWh fuel consumed for the generation of heat that is not used in the kiln | MWh fuel consumed for the self-generation of electricity | MWh fuel consumed for self-cogeneration or self-trigeneration |
|---|---|---|---|---|---|---|
| Select from: Acetylene; Agricultural Waste; Alternative Kiln Fuel (Wastes); Animal Fat; Animal/Bone Meal; Anthracite Coal; Asphalt; Aviation Gasoline; Bagasse; Bamboo; Basic Oxygen Furnace Gas (LD Gas); Biodiesel; Biodiesel Tallow; Biodiesel Waste Cooking Oil; Bioethanol; Biogas; Biogasoline; Biomass Municipal Waste; Biomethane; Bitumen; Bituminous Coal; Black Liquor; Blast Furnace Gas; Brown Coal Briquettes (BKB); Burning Oil; Butane; Butylene; Charcoal; Coal; Coal Tar; Coke; Coke Oven Gas; Coking Coal; Compressed Natural Gas (CNG); Condensate; Crude Oil; Crude Oil Extra Heavy; Crude Oil Heavy; Crude Oil Light; Diesel; Distillate Oil; Dried Sewage Sludge; Ethane; Ethylene; Fuel Gas; Fuel Oil Number 1; Fuel Oil Number 2; Fuel Oil Number 4; Fuel Oil Number 5; Fuel Oil Number 6; Gas Coke; Gas Oil; Gas Works Gas; GCI Coal; General Municipal Waste; Grass; Hardwood; Heavy Gas Oil; Hydrogen; Industrial Wastes; Isobutane; Isobutylene; Jet Gasoline; Jet Kerosene; Kerosene; Landfill Gas; Light Distillate; Lignite Coal; Liquefied Natural Gas (LNG); Liquefied Petroleum Gas (LPG); Liquid Biofuel; Lubricants; Marine Fuel Oil; Marine Gas Oil; Metallurgical Coal; Methane; Motor Gasoline; Naphtha; Natural Gas; Natural Gas Liquids (NGL); Natural Gasoline; Non-Biomass Municipal Waste; Non-Biomass Waste; Oil Sands; Oil Shale; Orimulsion; Other Petroleum Gas; Paraffin Waxes; Patent Fuel; PCI Coal; Peat; Pentanes Plus; Petrochemical Feedstocks; Petrol; Petroleum Coke; Petroleum Products; Pitch; Plastics; Primary Solid Biomass; Propane Gas; Propane Liquid; Propylene; Refinery Feedstocks; Refinery Gas; Refinery Oil; Residual Fuel Oil; Road Oil; SBP; Shale Oil; Sludge Gas; Softwood; Solid Biomass Waste; Special Naphtha; Still Gas; Straw; Subbituminous Coal; Sulphite Lyes; Tar; Tar Sands; Thermal Coal; Thermal Coal Commercial; Thermal Coal Domestic; Thermal Coal Industrial; Tires; Town Gas; Unfinished Oils; Vegetable Oil; Waste Oils; Waste Paper and Card; Waste Plastics; Waste Tires; White Spirit; Wood; Wood Chips; Wood Logs; Wood Pellets; Wood Waste; Other, please specify | Select from: ● LHV ● HHV ● Unable to confirm heating value | Numerical field [enter a number from 0-9,999,999,999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-9,999,999,999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-9,999,999,999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-9,999,999,999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-9,999,999,999 using a maximum of 2 decimal places] |

[Add Row]

(C8.2d) Provide details on the electricity, heat, steam, and cooling your organization has generated and consumed in the reporting year.

Question Dependencies

This question only appears if you select "Generation of electricity, heat, steam, or cooling" in response to C8.2.

Change from 2019

Modified guidance (2019 C8.2e); Removed question for EU and FS only

Connection to other frameworks

SDG

Goal 7: Affordable and clean energy

Goal 12: Responsible consumption and production

Goal 13: Climate action

Response options

Please complete the following table:

| Energy Carrier | Total Gross generation (MWh) | Generation that is consumed by the organization (MWh) | Gross generation from renewable sources (MWh) | Generation from renewable sources that is consumed by the organization (MWh) |
|----------------|---|---|---|---|
| Electricity | Numerical field [enter a number from 0 to 999,999,999 using up to 2 decimal places and no commas] | Numerical field [enter a number from 0 to 999,999,999 using up to 2 decimal places and no commas] | Numerical field [enter a number from 0 to 999,999,999 using up to 2 decimal places and no commas] | Numerical field [enter a number from 0 to 999,999,999 using up to 2 decimal places and no commas] |
| Heat | | | | |
| Steam | | | | |
| Cooling | | | | |

(C-CE8.2d) Provide details on the electricity and heat your organization has generated and consumed for cement production activities.

Question dependencies

This question only appears if you select "Generation of electricity, heat, steam, or cooling" in response to C8.2.

Change from 2019

No change (2019 C-CE8.2e)

Response options

Please complete the following table:

| Energy carrier | Total gross generation (MWh) inside the cement sector boundary | Generation that is consumed (MWh) inside the cement sector boundary |
|----------------|---|---|
| Electricity | Numerical field [enter a number from 0-999,999,999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-999,999,999 using a maximum of 2 decimal places] |
| Heat | | |
| Steam | | |

(C-CH8.2d) Provide details on electricity, heat, steam, and cooling your organization has generated and consumed for chemical production activities.

Question dependencies

This question only appears if you select "Generation of electricity, heat, steam, or cooling" in response to C8.2.

Change from 2019

No change (2019 C-CH8.2e)

Response options

Please complete the following table:

| Energy Carrier | Total gross generation (MWh) inside chemicals sector boundary | Generation that is consumed (MWh) inside chemicals sector boundary |
|----------------|---|---|
| Electricity | Numerical field [enter a number from 0-999,999,999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-999,999,999 using a maximum of 2 decimal places] |
| Heat | | |
| Steam | | |
| Cooling | | |

(C-EU8.2d) For your electric utility activities, provide a breakdown of your total power plant capacity, generation, and related emissions during the reporting year by source.

Question dependencies

This question only appears if you select "Yes" to "Generation of electricity, heat, steam, or cooling" in C8.2.

Change from 2019

Minor change (2019 C-EU8.2e); Modified guidance

Response options

Please complete the following table:

| Power generation technology | Nameplate capacity (MW) | Gross electricity generation (GWh) | Net electricity generation (GWh) | Absolute Scope 1 emissions (metric tons CO2e) | Scope 1 emissions intensity (metric tons CO2e per GWh) | Comment |
|------------------------------------|---|---|---|---|---|---------------------------------------|
| Coal – hard | Numerical field [enter a number from 0-999,999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-999,999,999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-999,999,999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-999,999,999 using a maximum of 3 decimal places] | Numerical field [enter a number from 0-9,999 using a maximum of 2 decimal places and] | Text field [maximum 2,400 characters] |
| Lignite | | | | | | |
| Oil | | | | | | |
| Gas | | | | | | |
| Biomass | | | | | | |
| Waste (non-biomass) | | | | | | |
| Nuclear | | | | | | |
| Fossil-fuel plants fitted with CCS | | | | | | |
| Geothermal | | | | | | |
| Hydropower | | | | | | |
| Wind | | | | | | |
| Solar | | | | | | |
| Marine | | | | | | |
| Other renewable | | | | | | |
| Other non-renewable | | | | | | |
| Total | | | | | | |

(C-MM8.2d) Provide details on the electricity, heat, steam, and cooling your organization has generated and consumed for metals and mining production activities.

Question dependencies

This question only appears if you select "Generation of electricity, heat, steam, or cooling" in response to C8.2.

Change from 2019

No change (2019 C-MM8.2e)

Response options

Please complete the following table:

| Energy Carrier | Total gross generation (MWh) inside metals and mining sector boundary | Generation that is consumed (MWh) inside metals and mining sector boundary |
|----------------|---|---|
| Electricity | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] |
| Heat | | |
| Steam | | |
| Cooling | | |

(C-ST8.2d) Provide details on the electricity, heat, and steam your organization has generated and consumed for steel production activities.

Question dependencies

This question only appears if you select “Generation of electricity, heat, steam, or cooling” in response to C8.2.

Change from 2019

Minor change (2019 C-ST8.2e)

Response options

Please complete the following table:

| Energy Carrier | Total Gross generation (MWh) inside steel sector boundary | Generation that is consumed by the organization (MWh) inside steel sector boundary |
|----------------|---|---|
| Electricity | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] |
| Heat | | |
| Steam | | |

(C8.2e) Provide details on the electricity, heat, steam, and/or cooling amounts that were accounted for at a zero emission factor in the market-based Scope 2 figure reported in C6.3.

Question dependencies

This question only appears if you select “We are reporting a Scope 2, market-based figure” in response to C6.2.

Change from 2019

Modified question (2019 C8.2f); Removed question for EU and FS only

Connection to other frameworks

SDG

Goal 7: Affordable and clean energy

Goal 12: Responsible consumption and production

Goal 13: Climate action

Response options

Please complete the following table. You are able to add rows by using the “Add Row” button at the bottom of the table.

| Sourcing method | Low-carbon technology type | Country/region of consumption of low-carbon electricity, heat, steam or cooling | MWh consumed accounted for at a zero emission factor | Comment |
|---|---|--|---|---------------------------------------|
| Select from: <ul style="list-style-type: none">● None (no purchases of low-carbon electricity, heat, steam or cooling)● Power purchase agreement (PPA) with on-site/off-site generator owned by a third party with no grid transfers (direct line)● Power purchase agreement (PPA) with a grid-connected generator with energy attribute certificates● Power purchase agreement (PPA) with a grid-connected generator without energy attribute certificates● Green electricity products (e.g. green tariffs) from an energy supplier, supported by energy attribute certificates● Green electricity products (e.g. green tariffs) from an energy supplier, not supported by energy attribute certificates● Unbundled energy attribute certificates, Guarantees of Origin● Unbundled energy attribute certificates, Renewable Energy Certificates (RECs)● Unbundled energy attribute certificates, International REC Standard (I-RECs)● Unbundled energy attribute certificates, other - please specify● Heat/steam/cooling supply agreement● Other, please specify | Select from: <ul style="list-style-type: none">● Solar● Wind● Hydropower● Nuclear● Biomass● Marine● Geothermal● Fossil-fuel plants fitted with CCS● Low-carbon energy mix● Other, please specify | Select from a drop-down list of countries and regions. Please see the Technical Note “ Country and Regions ”, for details around the available regions and their constituent countries | Numerical field [enter a number from 0 to 999,999,999,999 using up to 2 decimal places and no commas] | Text field [maximum 2,400 characters] |

[Add Row]

(C-TS8.2f) Provide details on the average emission factor used for all transport movements per mode that directly source energy from the grid.

Question dependencies

This question only appears if you select LDV or Rail in C-TO0.7/C-TS0.7.

Change from 2019

No change (2019 C-TS8.2h)

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Category | Emission factor unit | Average emission factor: unit value | Comment |
|---|---|---|---------------------------------------|
| Select from: <ul style="list-style-type: none">LDVRail | Select from: <ul style="list-style-type: none">gCO2/kWhgCO2e/kWh | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] | Text field [maximum 2,400 characters] |

[Add Row]

Feedstock consumption: Chemicals

(C-CH8.3) Does your organization consume fuels as feedstocks for chemical production activities?

Change from 2019

New question

Response options

Select one of the following options:

- Yes
- No

(C-CH8.3a) Disclose details on your organization's consumption of fuels as feedstocks for chemical production activities.

Question dependencies

This question only appears if you select "Yes" in response to C-CH8.3.

Change from 2019

Minor change (2019 C-CH8.3)

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places and no commas]

| Fuels used as feedstocks | Total consumption | Total consumption unit | Inherent carbon dioxide emission factor of feedstock, metric tons CO2 per consumption unit | Heating value of feedstock, MWh per consumption unit | Heating value | Comment |
|---|---|---|---|---|--|---------------------------------------|
| Select from: <ul style="list-style-type: none"> ● Anthracite ● Coal ● Lignite ● Coke ● Patent fuel / BKB ● Petroleum coke ● Diesel oil ● Gas oil ● Heavy fuel oil ● Oil shale ● Gasoline ● White Spirit / SBP ● Lubricants ● Naphtha ● Special Naphtha ● Propane liquid ● Propane gas ● Ethane ● Butane ● LPG ● Refinery gas ● Natural gas ● Solid biofuel ● Liquid biofuel ● Waste biofuel ● Biogas ● Other, please specify | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] | Select from: <ul style="list-style-type: none"> ● metric tons ● thousand metric tons ● thousand pounds ● barrels ● thousand barrels ● gallons ● thousand gallons ● million gallons ● liters ● thousand liters ● million liters ● cubic feet ● thousand cubic feet ● million cubic feet ● cubic metres ● thousand cubic metres | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] | Select from: <ul style="list-style-type: none"> ● LHV ● HHV ● Unable to confirm heating value | Text field [maximum 2,400 characters] |

[Add Row]

(C-CH8.3b) State the percentage, by mass, of primary resource from which your chemical feedstocks derive.

Question dependencies

This question only appears if you select "Yes" in response to C-CH8.3.

Change from 2019

Minor change (2019 C-CH8.3a)

Response options

Please complete the following table:

| Feedstock source | Percentage of total chemical feedstock (%) |
|--|--|
| Oil | Percentage field [enter a percentage from 0-100 using a maximum of 2 decimal places] |
| Natural Gas | |
| Coal | |
| Biomass | |
| Waste (non-biomass) | |
| Fossil fuel (where coal, gas, oil cannot be distinguished) | |
| Unknown source or unable to disaggregate | |

Feedstock consumption: Steel

(C-ST8.3) Disclose details on your organization's consumption of feedstocks for steel production activities.

Change from 2019

No change

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Feedstocks | Total consumption | Total consumption unit | Dry or wet basis? | Inherent carbon dioxide emission factor of feedstock, metric tons of CO2 per consumption unit | Heating value of feedstock, MWh per consumption unit | Heating value | Comment |
|--|---|--|--|---|---|--|---------------------------------------|
| Select from: <ul style="list-style-type: none">CoalCoking coalBlast furnace coalCokeFuel oilNatural gasCoke oven gasBlast furnace gasHydrogenCharcoalOther biomassLiquid biofuelBiogasBiomass wasteNon-biomass wasteOther, please specify | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] | Select from: <ul style="list-style-type: none">metric tonsthousand metric tonsthousand poundsbarrelsthousand barrelsgallonsthousand gallonsmillion gallonslitersthousand litersmillion literscubic feetthousand cubic feetmillion cubic feetcubic metresthousand cubic metres | Select from: <ul style="list-style-type: none">Dry basisWet basis | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] | Select from: <ul style="list-style-type: none">LHVHHVUnable to confirm heating value | Text field [maximum 2,400 characters] |

[Add Row]

Transmission and distribution

(C-EU8.4) Does your electric utility organization have a transmission and distribution business?

Change from 2019

No change

Response options

Select one of the following options:

- Yes
- No

(C-EU8.4a) Disclose the following information about your transmission and distribution business.

Question dependencies

This question only appears if you select "Yes" in response to C-EU8.4.

Change from 2019

Modified question

Response options

Please complete the following table. The table is displayed over several rows for readability. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Country/region | Voltage level | Annual load (GWh) | Annual energy losses (% of annual load) | Scope where emissions from energy losses are accounted for |
|---|---|---|---|--|
| Select from: Country/region drop-down list | Select from: <ul style="list-style-type: none">Transmission (high voltage)Distribution (low voltage) | Numerical field [enter a number from 0 - 999,999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0 - 999,999 using a maximum of 2 decimal places] | Select from: <ul style="list-style-type: none">Scope 1Scope 2 (location-based)Scope 2 (market-based) |

| Emissions from energy losses (metric tons CO2e) | Length of network (km) | Number of connections | Area covered (km2) | Comment |
|---|--|--|--|---------------------------------------|
| Numerical field [enter a number from 0-100 using a maximum of 3 decimal places] | Numerical field [enter a number from 0-99,999,999,999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-99,999,999,999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-99,999,999,999 using a maximum of 2 decimal places] | Text field [maximum 2,400 characters] |

[Add Row]

Capital goods efficiency metrics

(C-CG8.5) Does your organization measure the efficiency of any of its products or services?

Change from 2019
New question

Response options

Please complete the following table:

| Measurement of product/service efficiency | Comment |
|---|---------------------------------------|
| Select from: <ul style="list-style-type: none">YesNo, but we plan to start doing so within the next two yearsNo, and we do not plan to start doing so within the next two years | Text field [maximum 2,400 characters] |

(C-CG8.5a) Provide details of the metrics used to measure the efficiency of your organization's products or services.

Question dependencies

This question only appears if you select "Yes" in response to C-CG8.5.

Change from 2019
New question

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Category of product or service | Product or service (optional) | % of revenue from this product or service in the reporting year | Efficiency figure in the reporting year | Metric numerator | Metric denominator | Comment |
|---|-------------------------------------|--|--|---|--|---------------------------------------|
| Select from: <ul style="list-style-type: none">● Agriculture, construction & mining machinery● Batteries (including fuel cells)● Heating & cooling systems● Industrial machinery● Power generation equipment● Power transmission, transformation and distribution equipment● Power tools● Solar energy equipment● Stationary generators● Other, please specify | Text field [maximum 500 characters] | Percentage field [enter a percentage from 0-100 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 10 decimal places] | Select from: <ul style="list-style-type: none">● GJ● Btu● watt-hour● megawatt hour (MWh)● tCO2● tCO2e● liter● metric ton● kg● amp-hour● %● Other, please specify | Select from: <ul style="list-style-type: none">● kilometer● square meter● square foot● watt-hour● megawatt hour (MWh)● metric ton of product● unit hour worked● unit of production● unit of service provided● unit revenue● USD(\$) value-added● Not applicable● Other, please specify | Text field [maximum 2,400 characters] |

[Add Row]

Transport-related energy efficiency metrics

(C-TO8.5) Provide any efficiency metrics that are appropriate for your organization's transport products and/or services.

Change from 2019

Minor change (2019 C-TO8.4)

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Activity | Metric figure | Metric numerator | Metric denominator | Metric numerator: Unit total | Metric denominator: Unit total | % change from previous year | Please explain |
|---|--|---|--|---|---|---|---|
| Select from: Drop-down options determined by transport modes selected in C-T00.7/C-TS0.7 | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 10 decimal places] | Select from: LDV <ul style="list-style-type: none">gCO2gCO2etCO2tCO2eMWhOther, please specify HDV <ul style="list-style-type: none">gCO2gCO2etCO2tCO2eMWhOther, please specify Rail <ul style="list-style-type: none">gCO2gCO2etCO2tCO2eMWhOther, please specify Marine <ul style="list-style-type: none">gCO2gCO2etCO2tCO2eMWhOther, please specify Aviation <ul style="list-style-type: none">gCO2gCO2etCO2tCO2eMWhOther, please specify | Select from: LDV <ul style="list-style-type: none">Production: VehicleUse phase: Vehicle.kmUse phase: Vehicle.mileLife cycle (please explain assumptions)Other, please specify HDV <ul style="list-style-type: none">Production: VehicleUse phase: Vehicle.kmUse phase: Vehicle.mileLife cycle (please explain assumptions)Other, please specify Rail <ul style="list-style-type: none">Production: Vehicle (locomotive)Production: Vehicle (train car)Production: Other, please specifyUse phase: please specifyLife cycle, please specifyFinancial: Revenue-ton.kmFinancial: Revenue-ton mileOther, please specify Marine <ul style="list-style-type: none">Production: Specific vessel unit, please specifyUse phase, please specifyLife cycle, please specifyFinancial: Revenue-ton.kmFinancial: Revenue-ton.mileFinancial: Revenue-ton.nautical mileOther, please specify Aviation <ul style="list-style-type: none">Production: AircraftProduction: Other, please specifyUse phase, please specifyLife cycle, please specifyFinancial: Revenue-ton.kmFinancial: Revenue-ton.mileFinancial: Revenue per ASK (RASK)Financial: Revenue per ASM (RASM)Other, please specify | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places and no commas] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places and no commas] | Percentage field [enter a percentage from -999 - 999 using a maximum of 2 decimal places] | Text field [maximum 2,400 characters] Note for Rail: Please specify, if reporting on production, the nature of the standardized vehicle used for this calculation. |

[Add Row]

(C-TS8.5) Provide any efficiency metrics that are appropriate for your organization's transport products and/or services.

Change from 2019

No change (2019 C-TS8.4)

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Activity | Metric figure | Metric numerator | Metric denominator | Metric numerator: Unit total | Metric denominator: Unit total | % change from previous year | Please explain |
|---|--|--|--|---|---|---|---|
| Select from: Drop-down options determined by transport modes selected in C-T00.7/C-TS0.7 | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 10 decimal places] | Select from: LDV <ul style="list-style-type: none"> Liters of fuel MWh Other, please specify HDV <ul style="list-style-type: none"> Liters of fuel MWh Other, please specify Rail <ul style="list-style-type: none"> Liters of fuel MWh Other, please specify Marine <ul style="list-style-type: none"> Liters of fuel MWh Other, please specify Aviation <ul style="list-style-type: none"> Liters of fuel MWh Other, please specify | Select from: LDV <ul style="list-style-type: none"> v.km v.mile t.km t.mile p.km p.mile m2 vehicle footprint kg vehicle mass Other, please specify HDV <ul style="list-style-type: none"> v.km v.mile t.km t.mile m3.km m3.mile p.km p.mile m2 vehicle footprint kg vehicle mass Other, please specify Rail <ul style="list-style-type: none"> v.km v.mile t.km t.mile m3.km m3.mile p.km p.mile kg vehicle mass.km kg vehicle mass.mile Revenue-ton.km Revenue-ton.mile Other, please specify Marine <ul style="list-style-type: none"> v.km v.mile v.nautical mile t.km t.mile t.nautical mile m3.km m3.mile m3.nautical mile p.km p.mile p.nautical mile 20ft.km 20ft.mile 20ft.nautical mile 40ft.km 40ft.mile 40ft.nautical mile Revenue-ton.km Revenue-ton.mile Revenue-ton.nautical mile Other, please specify Aviation <ul style="list-style-type: none"> v.km | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] | Percentage field [enter a percentage from -999 – 999 using a maximum of 2 decimal places] | Text field [maximum 2,400 characters] Note for Rail: Please specify, if reporting on production, the nature of the standardized vehicle used for this calculation. |

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| | | | <ul style="list-style-type: none">• v.mile• t.km• t.mile• p.km• p.mile• Available seat.km• Available seat.mile• Revenue-ton.km• Revenue-ton.mile• Revenue per ASK (RASK)• Revenue per ASM (RASM)• Other, please specify | | | | |
|--|--|--|--|--|--|--|--|

[Add Row]

C9 Additional metrics

Other climate-related metrics

(C9.1) Provide any additional climate-related metrics relevant to your business.

Change from 2019

No change

Connection to other frameworks

TCFD

Metrics & Targets recommended disclosure a) Disclose the metrics used by the organization to assess climate-related risks and opportunities in line with its strategy and risk management process.

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Description | Metric value | Metric numerator | Metric denominator (intensity metric only) | % change from previous year | Direction of change | Please explain |
|--|--|------------------------------------|--|---|--|---------------------------------------|
| Select from: <ul style="list-style-type: none">WasteEnergy usageLand useOther, please specify | Numerical field [enter a number from 0 to 99,999,999,999 using up to 2 decimal places] | Text field [maximum 50 characters] | Text field [maximum 50 characters] | Numerical field [enter a number from 0 to 999 using up to 2 decimal places] | Select from: <ul style="list-style-type: none">IncreasedDecreasedNo change | Text field [maximum 2,400 characters] |

[Add Row]

Coal reserves and production

(C-CO9.2a) Disclose coal reserves and production by coal type attributable to your organization in the reporting year.

Change from 2019

No change

Response options

Please complete the following table:

| Coal type | Proven reserves (million metric tons) | Probable reserves (million metric tons) | Production (million metric tons) | Energy content of production (GJ per metric ton) | Heating value | Emission factor of production (metric tons CO ₂ e per metric ton) | Comment |
|--------------------|---|---|---|--|--|---|---------------------------------------|
| Thermal coal | Numerical field [enter a number from 0-999,999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-999,999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-999,999 using a maximum of 2 decimal places] | Numerical field [enter a number from 1-35 using a maximum of 2 decimal places] | Select from: <ul style="list-style-type: none">LHVHHVUnable to confirm heating value | Numerical field [enter a number from 0-9,999 using a maximum of 4 decimal places] | Text field [maximum 2,400 characters] |
| Metallurgical coal | | | | | | | |
| Other coal | | | | | | | |
| Total coal | | | | | | | |

Oil and gas production

(C-OG9.2a) Disclose your net liquid and gas hydrocarbon production (total of subsidiaries and equity-accounted entities).

Question dependencies

This question only appears if you select "Upstream" in response to C-OG0.7.

Change from 2019

No change

Response options

Please complete the following table:

| Hydrocarbon category | In-year net production | Comment |
|---|---|--|
| Crude oil and condensate, million barrels | Numerical field [enter a number from 0-999,999 using a maximum of 2 decimal places] | Text field [maximum 2,400 character limit] |
| Natural gas liquids, million barrels | | |
| Oil sands, million barrels (includes bitumen and synthetic crude) | | |
| Natural gas, billion cubic feet | | |

Coal resources

(C-CO9.2b) Disclose coal resources by coal type attributable to your organization in the reporting year.

Change from 2019

No change

Response options

Please complete the following table:

| Coal type | Measured resources (million metric tons) | Indicated resources (million metric tons) | Inferred resources (million metric tons) | Total resources (million metric tons) | Comment |
|--------------------|---|---|--|--|---------------------------------------|
| Thermal coal | Numerical field [enter a number from 0-9,999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-9,999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-99,999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-99,999 using a maximum of 2 decimal places] | Text field [maximum 2,400 characters] |
| Metallurgical coal | | | | | |
| Other coal | | | | | |
| Total coal | | | | | |

Oil and gas reserves methodology

(C-OG9.2b) Explain which listing requirements or other methodologies you use to report reserves data. If your organization cannot provide data due to legal restrictions on reporting reserves figures in certain countries, please explain this.

Question dependencies

This question only appears if you select "Upstream" in response to C-OG0.7.

Change from 2019

No change

Response options

This is an open text question with a limit of 5,000 characters.

Oil and gas total reserves

(C-OG9.2c) Disclose your estimated total net reserves and resource base (million BOE), including the total associated with subsidiaries and equity-accounted entities.

Question dependencies

This question only appears if you select "Upstream" in response to C-OG0.7.

Change from 2019

No change

Response options

Please complete the following table:

| Estimated total net proved + probable reserves (2P) (million BOE) | Estimated total net proved + probable + possible reserves (3P) (million BOE) | Estimated net total resource base (million BOE) | Comment |
|---|---|---|---------------------------------------|
| Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] | Text field [maximum 2,400 characters] |

Oil and gas reserves split

(C-OG9.2d) Provide an indicative percentage split for 2P, 3P reserves, and total resource base by hydrocarbon categories.

Question dependencies

This question only appears if you select "Upstream" in response to C-OG0.7.

Change from 2019

No change

Response options

Please complete the following table:

| Hydrocarbon category | Net proved + probable reserves (2P) (%) | Net proved + probable + possible reserves (3P) (%) | Net total resource base (%) | Comment |
|--|---|---|---|---------------------------------------|
| Crude oil/condensate/Natural gas liquids | Numerical field [enter a number from 0-100 using no decimals] | Numerical field [enter a number from 0-100 using no decimals] | Numerical field [enter a number from 0-100 using no decimals] | Text field [maximum 2,400 characters] |
| Natural gas | | | | |
| Oil sands (includes bitumen and synthetic crude) | | | | |

Oil and gas split by development type

(C-OG9.2e) Provide an indicative percentage split for production, 1P, 2P, 3P reserves, and total resource base by development types.

Question dependencies

This question only appears if you select "Upstream" in response to C-OG0.7.

Change from 2019

No change

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Development type | In-year net production (%) | Net proved reserves (1P) (%) | Net proved + probable reserves (2P) (%) | Net proved + probable + possible reserves (3P) (%) | Net total resource base (%) | Comment |
|--|---|---|---|---|---|---------------------------------------|
| Select from: <ul style="list-style-type: none"> Onshore Shallow-water Deepwater Ultra deepwater Arctic Oil sand/extra heavy oil Tight/shale LNG Other, please specify | Numerical field [enter a number from 0-100 using no decimals] | Numerical field [enter a number from 0-100 using no decimals] | Numerical field [enter a number from 0-100 using no decimals] | Numerical field [enter a number from 0-100 using no decimals] | Numerical field [enter a number from 0-100 using no decimals] | Text field [maximum 2,400 characters] |

[Add Row]

Low-carbon technology implementation

(C-TO9.3/C-TS9.3) Provide tracking metrics for the implementation of low-carbon transport technology over the reporting year.

Change from 2019

Minor change

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Activity | Metric | Technology | Metric figure | Metric unit | Explanation |
|---|--|--|---|--|---------------------------------------|
| Select from: Drop-down options determined by transport modes selected in C-TO0.7/C-TS0.7 | Select from: <ul style="list-style-type: none"> Production Sales Fleet adoption Yearly purchase Other, please specify | Select from: LDV <ul style="list-style-type: none"> Vehicle using bio-fuel Conventional hybrid Plug-in hybrid vehicle (PHEV) Battery electric vehicle (BEV) Fuel cell electric vehicle (FCEV) Other, please specify HDV <ul style="list-style-type: none"> Vehicle using bio-fuel Conventional hybrid Plug-in hybrid vehicle (PHEV) Battery electric vehicle (BEV) Fuel cell electric vehicle (FCEV) Other, please specify Rail <ul style="list-style-type: none"> Other, please specify Marine <ul style="list-style-type: none"> Other, please specify Aviation <ul style="list-style-type: none"> Other, please specify | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] | Select from: LDV <ul style="list-style-type: none"> Units % of fleet % of total sales % of estimated yearly VKT % of estimated yearly VMT % of estimated lifetime VKT % of estimated lifetime VMT Other, please specify HDV <ul style="list-style-type: none"> Units % of fleet % of total sales % of estimated yearly VKT % of estimated yearly VMT % of estimated lifetime VKT % of estimated lifetime VMT Other, please specify Rail <ul style="list-style-type: none"> Other, please specify Marine <ul style="list-style-type: none"> Other, please specify Aviation <ul style="list-style-type: none"> Other, please specify | Text field [maximum 2,400 characters] |

[Add Row]

Chemicals production metrics

(C-CH9.3a) Provide details on your organization’s chemical products.

Change from 2019

No change

Response options

Please complete the following table. You are able to add rows by using the “Add Row” button at the bottom of the table.

| Output product | Production (metric tons) | Capacity (metric tons) | Direct emissions intensity (metric tons CO2e per metric ton of product) | Electricity intensity (MWh per metric ton of product) | Steam intensity (MWh per metric ton of product) | Steam/ heat recovered (MWh per metric ton of product) | Comment |
|---|---|---|---|---|---|---|---------------------------------------|
| Select from: <ul style="list-style-type: none">● High Value Chemicals (Steam cracking)● Ammonia● Aromatics extraction● Methanol● Butylene● Propylene (FCC)● Ethanol● Butadiene (C4 sep.)● Nitric acid● Adipic acid● Caprolactam● Soda ash● Carbon black● Polymers● Specialty chemicals● Other base chemicals● Other, please specify | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 4 decimal places] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 4 decimal places] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 4 decimal places] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 4 decimal places] | Text field [maximum 2,400 characters] |

[Add Row]

Coal production breakdown

(C-CO9.3a) Break down the coal production attributed to your organization in the reporting year by grade.

Change from 2019

No change

Response options

Please complete the following table:

| Coal grade | Production (%) | Comment |
|---------------|---|---------------------------------------|
| Lignite | Numerical field [enter a number from 0-100 using no decimals] | Text field [maximum 2,400 characters] |
| Subbituminous | | |
| Bituminous | | |
| Anthracite | | |
| Other | | |

Mining production metrics

(C-MM9.3a) Provide details on the commodities relevant to the mining production activities of your organization.

Question dependencies

This question only appears if you select one of the options under the "Mining" sub-heading in C-MM0.7.

Change from 2019

Modified question

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Output product | Capacity, metric tons | Production, metric tons | Production, copper-equivalent units (metric tons) | Scope 1 emissions | Scope 2 emissions | Scope 2 emissions approach | Pricing methodology for copper-equivalent figure | Comment |
|--|---|---|---|---|---|--|--|---------------------------------------|
| Select from: <ul style="list-style-type: none">● Bauxite● Copper● Gold● Platinum group metals● Silver● Iron ore● Nickel● Zinc● Lead● Diamonds● Other non-ferrous metal mining (Please specify)● Other mining (Please specify) | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 3 decimal places] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 3 decimal places] | Select from: <ul style="list-style-type: none">● Location-based● Market-based | Text field [maximum 2,400 characters] | Text field [maximum 2,400 characters] |

[Add Row]

Total refinery throughput

(C-OG9.3a) Disclose your total refinery throughput capacity in the reporting year in thousand barrels per day.

Question dependencies

This question only appears if you select "Downstream" in response to C-OG0.7.

Change from 2019

No change

Response options

Please complete the following table:

| Total refinery throughput capacity (Thousand barrels per day) |
|---|
| Numerical field up to 99,999 and up to 2 decimal places |

Steel production and capacity

(C-ST9.3a) Report your organization's steel-related consumption, production and capacity figures by steel plant.

Change from 2019

No change

Response options

Please complete the following table:

| Steel plant | Metal scrap consumption (metric tons) | Blast furnace iron consumption (metric tons) | Direct reduced iron consumption (metric tons) | Crude steel production (metric tons) | Crude steel capacity (metric tons) |
|----------------------|---|---|---|---|---|
| Basic oxygen furnace | Numerical field [enter a number from 0-999,999,999,999 using a maximum of two decimal places] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of two decimal places] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of two decimal places] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of two decimal places] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of two decimal places] |
| Electric arc furnace | | | | | |
| Other | | | | | |
| Total | | | | | |

Coal production by mine type

(C-CO9.3b) Break down the coal production attributed to your organization in the reporting year by mine type.

Change from 2019

No change

Response options

Please complete the following table:

| Coal mine type | Production (%) |
|----------------|---|
| Underground | Numerical field [enter a number from 0-100 using no decimals] |
| Surface | |

Metals production metrics

(C-MM9.3b) Provide details on the commodities relevant to the metals production activities of your organization.

Question dependencies

This question only appears if you select one of the options under the "Processing metals" sub-heading in C-MM0.7.

Change from 2019

No change

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Output product | Capacity (metric tons) | Production (metric tons) | Annual production in copper-equivalent units (thousand tons) | Scope 1 emissions (metric tons CO2e) | Scope 2 emissions (metric tons CO2e) | Scope 2 emissions approach | Pricing methodology for copper-equivalent figure | Comment |
|---|---|---|---|---|---|--|--|---------------------------------------|
| Select from: <ul style="list-style-type: none">AluminumAluminaCopperGoldPlatinum group metalsSilverNickelLeadZincOther non-ferrous metals (Please specify)Other ferrous metals (Please specify) | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 3 decimal places] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 3 decimal places] | Select from: <ul style="list-style-type: none">Location-basedMarket-based | Text field [maximum 2,400 characters] | Text field [maximum 2,400 characters] |

[Add Row]

Feedstocks used in refinery

(C-OG9.3b) Disclose feedstocks processed in the reporting year in million barrels per year.

Question dependencies

This question only appears if you select "Downstream" in response to C-OG0.7.

Change from 2019

No change

Response options

Please complete the following table:

| Feedstock | Throughput (Millions barrels) | Comment |
|------------------|---|---------------------------------------|
| Oil | Numerical field [enter a number from 0-9,999 using a maximum of 2 decimal places] | Text field [maximum 2,400 characters] |
| Other feedstocks | | |
| Total | | |

Steel production breakdown

(C-ST9.3b) Report your organization's steel-related production outputs and capacities by product.

Change from 2019

No change

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Product | Production (metric tons) | Capacity (metric tons) | Comment |
|--|---|---|---------------------------------------|
| Select from: <ul style="list-style-type: none">● Hot-rolled steel● Blast furnace iron● Direct reduced iron● Coke (including coke breeze)● Coke oven gas (for sale)● Sinter● Iron ore pellets● Lime● Metal scrap● Oxygen (disclose in millions Nm3)● Tar and benzole● Ammonia● Benzene, toluene and xylene (BTX)● Iron ore● Coal● Limestone & Dolomite | Numerical field [enter a number from 0-999,999,999,999 using a maximum of two decimal places] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of two decimal places] | Text field [maximum 2,400 characters] |

[Add Row]

Refinery products and net production

(C-OG9.3c) Are you able to break down your refinery products and net production?

Question dependencies

This question only appears if you select "Downstream" in response to C-OG0.7.

Change from 2019

No change

Response options

Select one of the following options:

- Yes
- No

(C-OG9.3d) Disclose your refinery products and net production in the reporting year in million barrels per year.

Question dependencies

This question only appears if you select "Yes" in response to C-OG9.3c.

Change from 2019

No change

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Product produced | Refinery net production (Million barrels) *not including products used/consumed on site |
|--|---|
| Select from: <ul style="list-style-type: none"> ● Liquified petroleum gas ● Gasolines ● Naphtha ● Kerosenes ● Diesel fuels ● Fuel oils ● Lubricants ● Waxes ● Asphalt and tar ● Petroleum coke ● Still gas ● Other, please specify | Numerical field [enter a number from 0-9,999 using a maximum of 2 decimal places] |

[Add Row]

Chemicals production

(C-OG9.3e) Please disclose your chemicals production in the reporting year in thousand metric tons.

Question dependencies

This question only appears if you select "Chemicals" in response to C-OG0.7.

Change from 2019

No change

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Product | Production, Thousand metric tons | Capacity, Thousand metric tons |
|---|---|---|
| Select from: <ul style="list-style-type: none"> ● High value chemicals (Steam cracking) ● Other, please specify | Numerical field [enter a number from 0-999,999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-999,999 using a maximum of 2 decimal places] |

[Add Row]

Coal reserves methodology

(C-CO9.4a) Explain which listing requirements or other methodologies you have used to provide reserves data in C-CO9.2a. If your organization cannot provide data due to legal restrictions on reporting reserves figures in certain countries, please explain this.

Change from 2019

No change

Response options

This is an open text question with a limit of 5,000 characters.

Please note that when copying from another document into the ORS, formatting is not retained.

CAPEX: power generation

(C-EU9.5a) Break down, by source, your total planned CAPEX in your current CAPEX plan for power generation.

Change from 2019

Minor change

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Primary power generation source | CAPEX planned for power generation from this source | Percentage of total CAPEX planned for power generation | End year of CAPEX plan | Comment |
|---|---|---|---|---------------------------------------|
| Select from: <ul style="list-style-type: none">● Coal – hard● Lignite● Oil● Gas● Biomass● Waste (non-biomass)● Nuclear● Geothermal● Hydropower● Wind● Solar● Marine● Fossil-fuel plants fitted with CCS● Other, please specify | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-100 using a maximum of 2 decimal places] | Numerical field [enter a number from 2020-2100] | Text field [maximum 2,400 characters] |

[Add Row]

CAPEX: products and service

(C-EU9.5b) Break down your total planned CAPEX in your current CAPEX plan for products and services (e.g. smart grids, digitalization, etc.).

Change from 2019

No change

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Products and services | Description of product/service | CAPEX planned for product/service | Percentage of total CAPEX planned for products and services | End year of CAPEX plan |
|--|---------------------------------------|---|---|---|
| Select from: <ul style="list-style-type: none">● Distributed generation● Home storage systems● Smart appliances● Home systems● Prosumer services● Information campaigns● Audits● Tariff measures● Energy audits● Energy management services● Electric vehicles● Charging networks● Heating systems● HVAC● CHP● Lighting● Smart grid● Micro-grid● Large-scale storage● Other, please specify | Text field [maximum 2,400 characters] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-100 using a maximum of 2 decimal places] | Numerical field [enter a number from 2020-2100] |

[Add Row]

Low-carbon investments

(C-CE9.6/C-CG9.6/C-CH9.6/C-CN9.6/C-CO9.6/C-EU9.6/C-MM9.6/C-OG9.6/C-RE9.6/C-ST9.6/C-TO9.6/C-TS9.6) Does your organization invest in research and development (R&D) of low-carbon products or services related to your sector activities?

Change from 2019

New question

Response options

Please complete the following table:

| Investment in low-carbon R&D | Comment |
|---|---------------------------------------|
| Select from: <ul style="list-style-type: none">• Yes• No | Text field [maximum 2,400 characters] |

(C-CE9.6a) Provide details of your organization's investments in low-carbon R&D for cement production activities over the last three years.

Question dependencies

This question only appears if you select "Yes" in response to C-CE9.6/C-CG9.6/C-CH9.6/C-CN9.6/C-CO9.6/C-EU9.6/C-MM9.6/C-OG9.6/C-RE9.6/C-ST9.6/C-TO9.6/C-TS9.6.

Change from 2019

Modified question (2019 C-CE9.6)

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Technology area | Stage of development in the reporting year | Average % of total R&D investment over the last 3 years | R&D investment figure in the reporting year (optional) | Comment |
|---|---|--|---|---------------------------------------|
| Select from: <ul style="list-style-type: none">• Dry kiln• Waste heat recovery• Fuel switching• Low clinker cement• Alternative low-CO2 cements/binders• Carbon capture and storage (CCS)• Carbon capture, utilization and storage (CCUS)• Unable to disaggregate by technology area• Other, please specify | Select from: <ul style="list-style-type: none">• Basic academic/theoretical research• Applied research and development• Pilot demonstration• Full/commercial-scale demonstration• Small scale commercial deployment• Large scale commercial deployment | Select from: <ul style="list-style-type: none">• 0• ≤20%• 21 - 40%• 41 - 60%• 61 - 80%• 81 - 100% | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] | Text field [maximum 2,400 characters] |

[Add Row]

(C-CG9.6a) Provide details of your organization's investments in low-carbon R&D for capital goods products and services over the last three years.

Question dependencies

This question only appears if you select "Yes" in response to C-CE9.6/C-CG9.6/C-CH9.6/C-CN9.6/C-CO9.6/C-EU9.6/C-MM9.6/C-OG9.6/C-RE9.6/C-ST9.6/C-TO9.6/C-TS9.6.

Change from 2019

New question

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Technology area | Stage of development in the reporting year | Average % of total R&D investment over the last 3 years | R&D investment figure in the reporting year (optional) | Comment |
|---|--|---|---|---------------------------------------|
| Select from: <ul style="list-style-type: none"> Carbon capture and storage (CCS) Carbon capture, utilization and storage (CCUS) Distributed energy resources (DER) Electromobility components Energy efficient heating and cooling systems Energy storage Hydrogen power Machinery automation Other energy efficient products or efficiency drivers Recycling Remanufacturing Renewable energy Smart systems Unable to disaggregate by technology area Other, please specify | Select from: <ul style="list-style-type: none"> Basic academic/theoretical research Applied research and development Pilot demonstration Full/commercial-scale demonstration Small scale commercial deployment Large scale commercial deployment | Select from: <ul style="list-style-type: none"> 0 ≤20% 21 - 40% 41 - 60% 61 - 80% 81 - 100% | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] | Text field [maximum 2,400 characters] |

[Add Row]

(C-CH9.6a) Provide details of your organization's investments in low-carbon R&D for chemical production activities over the last three years.

Question dependencies

This question only appears if you select "Yes" in response to C-CE9.6/C-CG9.6/C-CH9.6/C-CN9.6/C-CO9.6/C-EU9.6/C-MM9.6/C-OG9.6/C-RE9.6/C-ST9.6/C-TO9.6/C-TS9.6.

Change from 2019

Modified question (2019 C-CH9.6)

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Technology area | Stage of development in the reporting year | Average % of total R&D investment over the last 3 years | R&D investment figure in the reporting year (optional) | Comment |
|--|--|---|---|---------------------------------------|
| Select from: <ul style="list-style-type: none"> Waste heat recovery Process step integration Radical process redesign Product redesign Carbon capture and storage (CCS) Carbon capture, utilization and storage (CCUS) Bio technology Unable to disaggregate by technology area Other, please specify | Select from: <ul style="list-style-type: none"> Basic academic/theoretical research Applied research and development Pilot demonstration Full/commercial-scale demonstration Small scale commercial deployment Large scale commercial deployment | Select from: <ul style="list-style-type: none"> 0 ≤20% 21 - 40% 41 - 60% 61 - 80% 81 - 100% | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] | Text field [maximum 2,400 characters] |

[Add Row]

(C-CN9.6a/C-RE9.6a) Provide details of your organization's investments in low-carbon R&D for real estate and construction activities over the last three years.

Question dependencies

This question only appears if you select "Yes" in response to C-CE9.6/C-CG9.6/C-CH9.6/C-CN9.6/C-CO9.6/C-EU9.6/C-MM9.6/C-OG9.6/C-RE9.6/C-ST9.6/C-TO9.6/C-TS9.6.

Change from 2019

New question

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Technology area | Stage of development in the reporting year | Average % of total R&D investment over the last 3 years | R&D investment figure in the reporting year (optional) | Comment |
|---|--|---|---|---------------------------------------|
| Select from: <ul style="list-style-type: none"> Architectural or constructional elements improving the thermal performance of buildings New building materials Building energy management systems Construction methods HVAC systems Appliances and lighting Integration of renewable energy sources in buildings Passive buildings Resilient buildings Unable to disaggregate by technology area Other, please specify | Select from: <ul style="list-style-type: none"> Basic academic/theoretical research Applied research and development Pilot demonstration Full/commercial-scale demonstration Small scale commercial deployment Large scale commercial deployment | Select from: <ul style="list-style-type: none"> 0 ≤20% 21 - 40% 41 - 60% 61 - 80% 81 - 100% | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] | Text field [maximum 2,400 characters] |

[Add Row]

(C-CO9.6a/C-EU9.6a/C-OG9.6a) Provide details of your organization's investments in low-carbon R&D for your sector activities over the last three years.

Question dependencies

This question only appears if you select "Yes" in response to C-CE9.6/C-CG9.6/C-CH9.6/C-CN9.6/C-CO9.6/C-EU9.6/C-MM9.6/C-OG9.6/C-RE9.6/C-ST9.6C-TO9.6/C-TS9.6.

Change from 2019

Modified question (2019 C-CO9.6/C-EU9.6/C-OG9.6)

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Technology area | Stage of development in the reporting year | Average % of total R&D investment over the last 3 years | R&D investment figure in the reporting year (optional) | Comment |
|--|---|--|---|---------------------------------------|
| Select from: Coal <ul style="list-style-type: none"> Advanced control systems Carbon capture and storage/utilization Coal bed methane capture Combustion optimization and modification Monitoring systems to reduce emissions Process improvements Renewable energy Steam turbine and/or other component upgrades Unable to disaggregate by technology area Other, please specify Electric Utilities <ul style="list-style-type: none"> Carbon capture and storage/utilization Demand side response programs Digital technology Distributed energy resources Energy storage Infrastructure Renewable energy Smart grids Smart meters Steam turbine and/or other component upgrades Unable to disaggregate by technology area Other, please specify Oil and Gas <ul style="list-style-type: none"> Infrastructure Renewable energy Smart systems Advanced fluids Advanced materials Carbon capture and storage/utilization Enhanced Oil Recovery (EOR) techniques Hydrogen Methane detection and reduction Energy efficiency in transport Steam turbine and/or other component upgrades Other energy efficiency measures in the oil and gas value chain Unable to disaggregate by technology area Other, please specify | Select from: <ul style="list-style-type: none"> Basic academic/theoretical research Applied research and development Pilot demonstration Full/commercial-scale demonstration Small scale commercial deployment Large scale commercial deployment | Select from: <ul style="list-style-type: none"> 0 ≤20% 21 - 40% 41 - 60% 61 - 80% 81 - 100% | Numerical field [enter a number from 0-999,999,999 using a maximum of 2 decimal places] | Text field [maximum 2,400 characters] |

[Add Row]

(C-MM9.6a) Provide details of your organization's investments in low-carbon R&D for metals and mining production activities over the last three years.

Question dependencies

This question only appears if you select "Yes" in response to C-CE9.6/C-CG9.6/C-CH9.6/C-CN9.6/C-CO9.6/C-EU9.6/C-MM9.6/C-OG9.6/C-RE9.6/C-ST9.6/C-TO9.6/C-TS9.6.

Change from 2019

Modified question (2019 C-MM9.6)

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Technology area | Stage of development in the reporting year | Average % of total R&D investment over the last 3 years | R&D investment figure in the reporting year (optional) | Comment |
|--|--|---|---|---------------------------------------|
| Select from: <ul style="list-style-type: none"> Green metals Metal recycling Waste reprocessing Unable to disaggregate by technology area Other, please specify | Select from: <ul style="list-style-type: none"> Basic academic/theoretical research Applied research and development Pilot demonstration Full/commercial-scale demonstration Small scale commercial deployment Large scale commercial deployment | Select from: <ul style="list-style-type: none"> 0 ≤20% 21 - 40% 41 - 60% 61 - 80% 81 - 100% | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] | Text field [maximum 2,400 characters] |

[Add Row]

(C-ST9.6a) Provide details of your organization's investments in low-carbon R&D for steel production activities over the last three years.

Question dependencies

This question only appears if you select "Yes" in response to C-CE9.6/C-CG9.6/C-CH9.6/C-CN9.6/C-CO9.6/C-EU9.6/C-MM9.6/C-OG9.6/C-RE9.6/C-ST9.6/C-TO9.6/C-TS9.6.

Change from 2019

Modified question (2019 C-ST9.6)

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Technology area | Stage of development in the reporting year | Average % of total R&D investment over the last 3 years | R&D investment figure in the reporting year (optional) | Comment |
|---|--|---|---|---------------------------------------|
| Select from: <ul style="list-style-type: none"> Efficiency/recovery equipment on existing process plant New process plant with improved efficiency Alternative steelmaking processes Carbon capture and storage (CCS) Carbon capture, utilization and storage (CCUS) Unable to disaggregate by technology area Other, please specify | Select from: <ul style="list-style-type: none"> Basic academic/theoretical research Applied research and development Pilot demonstration Full/commercial-scale demonstration Small scale commercial deployment Large scale commercial deployment | Select from: <ul style="list-style-type: none"> 0 ≤20% 21 - 40% 41 - 60% 61 - 80% 81 - 100% | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] | Text field [maximum 2,400 characters] |

[Add Row]

(C-TO9.6a/C-TS9.6a) Provide details of your organization's investments in low-carbon R&D for transport-related activities over the last three years.

Question dependencies

This question only appears if you select "Yes" in response to C-CE9.6/C-CG9.6/C-CH9.6/C-CN9.6/C-CO9.6/C-EU9.6/C-MM9.6/C-OG9.6/C-RE9.6/C-ST9.6/C-TO9.6/C-TS9.6.

Change from 2019

Modified question (2019 C-TO9.6/C-TS9.6)

Response options

Please complete the following table. The table is displayed over several rows for readability. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Activity | Technology area | Stage of development in the reporting year | Average % of total R&D investment over the last 3 years | R&D investment figure in the reporting year (optional) | Comment |
|---|-----------------------------|--|---|---|---------------------------------------|
| Select from: Drop-down options determined by transport modes selected in C-TO0.7/C-TS0.7 | See drop-down options below | Select from: <ul style="list-style-type: none"> Basic academic/theoretical research Applied research and development Pilot demonstration Full/commercial-scale demonstration Small scale commercial deployment Large scale commercial deployment | Select from: <ul style="list-style-type: none"> 0 ≤20% 21 - 40% 41 - 60% 61 - 80% 81 - 100% | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places] | Text field [maximum 2,400 characters] |

[Add Row]

Technology area drop-down options (column 2)

Select from:

| | |
|--|---|
| <p>Light Duty Vehicles (LDV)</p> <ul style="list-style-type: none">InfrastructureDrivetrainElectrificationAlternative fuelsMaterialsSmart systemsBusiness modelsUnable to disaggregate by technology areaOther, please specify <p>Heavy Duty Vehicles (HDV)</p> <ul style="list-style-type: none">InfrastructureDrivetrainElectrificationAlternative fuelsMaterialsSmart systemsBusiness modelsOperationsManagementUnable to disaggregate by technology areaOther, please specify <p>Rail</p> <ul style="list-style-type: none">ElectrificationInfrastructureDrivetrainMaterialsSmart systemsCarriageControl systemsManagementUnable to disaggregate by technology areaOther, please specify | <p>Marine</p> <ul style="list-style-type: none">DrivetrainAdvanced technologiesAlternative fuelsMaterialsOperationsFuelsHydrodynamics/fluid mechanicsUnable to disaggregate by technology areaOther, please specify <p>Aviation</p> <ul style="list-style-type: none">AirframeAerodynamicsAlternative fuelsPropulsionElectronicsGround handling operationsManagementOperationsUnable to disaggregate by technology areaOther, please specify |
|--|---|

Breakeven price (US\$/BOE)

(C-OG9.7) Disclose the breakeven price (US\$/BOE) required for cash neutrality during the reporting year, i.e. where cash flow from operations covers CAPEX and dividends paid/share buybacks.

Question dependencies

This question only appears if you select "Upstream" or "Downstream" in response to C-OG0.7.

Change from 2019

No change

Response options

Please complete the following table:

| Breakeven price (US\$/BOE) |
|--|
| Numerical field [Enter a number from 0-999 using a maximum of 2 decimal places]. |

Transfers & sequestration of CO2 emissions

(C-OG9.8) Is your organization involved in the sequestration of CO2?

Question dependencies

This question only appears if you select "Carbon capture and storage/utilization" in response to C-OG0.7.

Change from 2019

No change

Response options

Select one of the following options:

- Yes
- No

(C-OG9.8a) Provide, in metric tons CO2, gross masses of CO2 transferred in and out of the reporting organization (as defined by the consolidation basis).

Question dependencies

This question only appears if you select "Yes" in response to C-OG9.8.

Change from 2019

No change

Response options

Please complete the following table:

| Transfer direction | CO2 transferred – reporting year (metric tons CO2) |
|---------------------|---|
| CO2 transferred in | Numerical field [enter a number from 0-999,999 using a maximum of 2 decimal places] |
| CO2 transferred out | Numerical field [enter a number from 0-999,999 using a maximum of 2 decimal places] |

(C-OG9.8b) Provide gross masses of CO2 injected and stored for the purposes of CCS during the reporting year according to the injection and storage pathway.

Question dependencies

This question only appears if you select "Yes" in response to C-OG9.8.

Change from 2019

No change

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Injection and storage pathway | Injected CO2 (metric tons CO2) | Percentage of injected CO2 intended for long-term (>100 year) storage | Year in which injection began | Cumulative CO2 injected and stored (metric tons CO2) |
|---|--|---|--|--|
| Select from: <ul style="list-style-type: none">Acid gas injection (CO2 and H2S co-injected into a production reservoir)CO2 used for enhanced oil recovery (EOR) or enhanced gas recovery (EGR)CO2 injected into a geological formation or saline formation for long-term storageCO2 used for enhanced coal bed methane (ECBM) operationsOther, please specify | Numerical field [enter a number from 0-99,999,999,999 using a maximum of 2 decimal places] | Numerical field [enter a number from 0-100 using a maximum of 2 decimal places] | Numerical field [enter a year e.g. 1999. The value must be in the range 1900-2019] | Numerical field [enter a number from 0-99,999,999,999 using a maximum of 2 decimal places] |

[Add Row]

(C-OG9.8c) Provide clarification on any other relevant information pertaining to your activities related to transfer and sequestration of CO2.

Question dependencies

This question only appears if you select "Yes" in response to C-OG9.8.

Change from 2019

No change

Response options

This is an open text question with a limit of 5,000 characters.

Please note that when copying from another document into the ORS, formatting is not retained.

Net zero carbon buildings

(C-RE9.9) Does your organization manage net zero carbon buildings?

Change from 2019

New question

Question dependencies

This question only appears if you select "Buildings management" in response to C-CN0.7/C-RE0.7.

Response options

Select one of the following options:

- Yes
- No, but we plan to in the future
- No, and we do not plan to in the future

(C-RE9.9a) Provide details of the net zero carbon buildings under your organization's management in the reporting year.

Change from 2019

New question

Question dependencies

This question only appears if you select "Yes" in response to C-RE9.9.

Response options

Please complete the following table. You are able to add rows using the "Add Row" button at the bottom of the table.

| Property sector | Definition(s) of net zero carbon applied | % of net zero carbon buildings in the total portfolio (by floor area) | Have any of the buildings been certified as net zero carbon? | % of buildings certified as net zero carbon in the total portfolio (by floor area) | Certification scheme(s) | Comment |
|---|---|--|--|--|--|---------------------------------------|
| Select from: <ul style="list-style-type: none"> ● Retail ● Office ● Industrial ● Residential ● Hotel ● Lodging, Leisure & Recreation ● Education ● Technology/Science ● Healthcare ● Mixed use ● Other, please specify | Select all that apply: <ul style="list-style-type: none"> ● National/local green building council standard(s), please specify ● National/local government standard(s), please specify ● International standard(s), please specify ● Other, please specify | Percentage field [enter a percentage from 0-100 using a maximum of 2 decimal places] | Select from: <ul style="list-style-type: none"> ● Yes ● No | Percentage field [enter a percentage from 0-100 using a maximum of 2 decimal places] | Select all that apply: <ul style="list-style-type: none"> ● CaGBC Zero Carbon Building Standard – Performance ● Carbon neutral certification against the National Carbon Offset Standard for Building through NABERS Energy ● Carbon neutral certification against the National Carbon Offset Standard for Building through Green Star – Performance Innovation Challenges ● carbonZeroCertTM (NZGBC) ● E+C- Label (Énergie Positive & Réduction Carbone) ● EDGE Zero Carbon ● Climate Positive (DGNB) ● GBC Brazil Zero Energy Standard ● GBCSA Net Zero/Net Positive Carbon Certification ● GREENSHIP Zero (GBC Indonesia) ● Indian GBC Zero Energy Standard ● ILFI Living Building Challenge ● ILFI Zero Carbon Certification ● ILFI Zero Energy Building Certification ● LEED Zero Carbon ● LEED Zero Energy ● NollCO2 (SwedenGBC) ● Other, please specify | Text field [maximum 2,400 characters] |

[Add Row]

(C-CN9.10/C-RE9.10) Did your organization complete new construction or major renovations projects designed as net zero carbon in the last three years?

Change from 2019

New question

Question dependencies

This question only appears if you select "New construction or major renovation of buildings" in response to C-CN0.7/C-RE0.7.

Response options

Select one of the following options:

- Yes
- No, but we plan to in the future
- No, and we do not plan to in the future

(C-CN9.10a/C-RE9.10a) Provide details of new construction or major renovations projects completed in the last 3 years that were designed as net zero carbon.

Change from 2019

New question

Question dependencies

This question only appears if you select "Yes" in response to C-CN9.10/C-RE9.10.

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Property sector | Definition(s) of net zero carbon applied | % of net zero carbon buildings in the total number of buildings completed in the last 3 years | Have any of the buildings been certified as net zero carbon? | % of buildings certified as net zero carbon in the total number of buildings completed in the last 3 years | Certification scheme(s) | Comment |
|---|--|---|--|--|---|---------------------------------------|
| Select from: <ul style="list-style-type: none"> ● Retail ● Office ● Industrial ● Residential ● Hotel ● Lodging, Leisure & Recreation ● Education ● Technology/Science ● Healthcare ● Mixed use ● Other, please specify | Select all that apply: <ul style="list-style-type: none"> ● National/local green building council standard, please specify ● National/local government standard, please specify ● International standard, please specify ● Other, please specify | Percentage field [enter a percentage from 0-100 using a maximum of 2 decimal places] | Select from: <ul style="list-style-type: none"> ● Yes ● No | Percentage field [enter a percentage from 0-100 using a maximum of 2 decimal places] | Select all that apply: <ul style="list-style-type: none"> ● CaGBC Zero Carbon Building Standard – Performance ● Carbon neutral certification against the National Carbon Offset Standard for Building through NABERS Energy; ● Carbon neutral certification against the National Carbon Offset Standard for Building through Green Star – Performance Innovation Challenges ● carboNZeroCertTM (NZGBC) ● E+C- Label (Énergie Positive & Réduction Carbone) ● EDGE Zero Carbon ● Climate Positive (DGNB) ● GBC Brazil Zero Energy Standard ● GBCSA Net Zero/Net Positive Carbon Certification ● GREENSHIP Zero (GBC Indonesia) ● Indian GBC Zero Energy Standard ● ILFI Living Building Challenge ● ILFI Zero Carbon Certification ● ILFI Zero Energy Building Certification ● LEED Zero Carbon ● LEED Zero Energy ● NollCO2 (SwedenGBC) ● Other, please specify | Text field [maximum 2,400 characters] |

[Add Row]

(C-CN9.11/C-RE9.11) Explain your organization's plan to manage, develop or construct net zero carbon buildings, or explain why you do not plan to do so.

Question dependencies

This question only appears if you select "No, but we plan to in the future" or "No, and we do not plan to in the future" in response to C-RE9.9 or C-CN9.10/C-RE9.10.

Change from 2019

New question

Response options

This is an open text question with a limit of 5,000 characters.

Please note that when copying from another document into the ORS, formatting is not retained.

C10 Verification

Verification

(C10.1) Indicate the verification/assurance status that applies to your reported emissions.

Change from 2019

No change

Response options

Please complete the following table:

| Scope | Verification/assurance status |
|--|---|
| Scope 1 | Select from: <ul style="list-style-type: none">● No emissions data provided● No third-party verification or assurance● Third-party verification or assurance process in place |
| Scope 2 (location-based or market-based) | Select from: <ul style="list-style-type: none">● No emissions data provided● No third-party verification or assurance● Third-party verification or assurance process in place |
| Scope 3 | Select from: <ul style="list-style-type: none">● No emissions data provided● No third-party verification or assurance● Third-party verification or assurance process in place |

(C10.1a) Provide further details of the verification/assurance undertaken for your Scope 1 emissions and attach the relevant statements.

Question dependencies

This question only appears if you select "Third-party verification or assurance process in place" for Scope 1 emissions in response to C10.1.

Change from 2019

Modified question

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Verification or assurance cycle in place | Status in the current reporting year | Type of verification or assurance | Attach the statement | Page/section reference | Relevant standard | Proportion of reported emissions verified (%) |
|--|---|--|---------------------------|-------------------------------------|-------------------------------------|---|
| Select from: <ul style="list-style-type: none">● Annual process● Biennial process● Triennial process | Select from: <ul style="list-style-type: none">● 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 | Select from: <ul style="list-style-type: none">● Not applicable● Limited assurance● Moderate assurance● Reasonable assurance● High assurance● Third party verification/assurance underway | Attach your document here | Text field [maximum 500 characters] | Select from drop-down options below | Numerical field [enter a number from 0-100 using no decimals or commas] |

[Add Row]

Relevant standard drop-down options:

- AA1000AS
- Advanced technologies promotion Subsidy Scheme with Emission reduction Target (ASSET)
- Airport Carbon Accreditation (ACA) des Airports Council International Europe

- Alberta Carbon Competitiveness Incentive Regulation (CCIR)
- ASAE3000
- Attestation standards established by AICPA (AT105)
- Australian National GHG emission regulation (NGER)
- California Mandatory GHG Reporting Regulations (CARB)
- Canadian Institute of Chartered Accountants (CICA) Handbook: Assurance Section 5025
- Certified emissions measurement and reduction scheme (CEMARS)
- Chicago Climate Exchange (CCX) verification standard
- Compagnie Nationale des Commissaires aux Comptes (CNCC)
- Corporate GHG verification guidelines from ERT
- DNV Verisustain Protocol/ Verification Protocol for Sustainability Reporting
- Earthcheck Certification
- ERM GHG Performance Data Assurance Methodology
- European Union Emissions Trading System (EU ETS)
- IDW PS 821: IDW Prüfungsstandard: Grundsätze ordnungsmäßiger Prüfung oder prüferischer Durchsicht von Berichten im Bereich der Nachhaltigkeit
- IDW AsS 821: IDW Assurance Standard: Generally Accepted Assurance Principles for the Audit or Review of Reports on Sustainability Issues
- ISAE3000
- ISAE 3410
- ISO14064-3
- Japan voluntary emissions trading scheme (JVETS) guideline for verification
- Korean GHG and energy target management system
- NMX-SAA-14064-3-IMNC: Instituto Mexicano de Normalización y Certificación A.C
- RevR6 procedure for assurance of sustainability report
- Saitama Prefecture Target-Setting Emissions Trading Program
- SGS Sustainability Report Assurance
- Spanish Institute of Registered Auditors (ICJCE)
- Standard 3810N Assurance engagements relating to sustainability reports of the Royal Netherlands Institute of Registered Accountants
- State of Israel Ministry of Environmental Protection, Verification of GHG and emissions reduction in Israel Guidance Document
- Swiss Climate CO2 Label for Businesses
- Thai Greenhouse Gas Management Organisation (TGO) Greenhouse Gas (GHG) Verification Protocol
- The Climate Registry's General Verification Protocol
- Tokyo cap-and-trade guideline for verification
- Verification as part of Carbon Trust standard certification
- Other, please specify

(C10.1b) Provide further details of the verification/assurance undertaken for your Scope 2 emissions and attach the relevant statements.

Question dependencies

This question only appears if you select "Third-party verification or assurance process in place" for Scope 2 emissions in response to C10.1.

Change from 2019

Modified question (2019 C10.1a)

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Scope 2 approach | Verification or assurance cycle in place | Status in the current reporting year | Type of verification or assurance | Attach the statement | Page/ section reference | Relevant standard | Proportion of reported emissions verified (%) |
|---|--|--|---|---------------------------|-------------------------------------|-------------------------------------|---|
| Select from: <ul style="list-style-type: none"> ● Scope 2 location-based ● Scope 2 market-based | Select from: <ul style="list-style-type: none"> ● Annual process ● Biennial process ● Triennial process | Select from: <ul style="list-style-type: none"> ● 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 | Select from: <ul style="list-style-type: none"> ● Not applicable ● Limited assurance ● Moderate assurance ● Reasonable assurance ● High assurance ● Third party verification/assurance underway | Attach your document here | Text field [maximum 500 characters] | Select from drop-down options below | Numerical field [enter a number from 0-100 using no decimals or commas] |

[Add Row]

Relevant standard drop-down options:

- AA1000AS
- Advanced technologies promotion Subsidy Scheme with Emission reduction Target (ASSET)
- Airport Carbon Accreditation (ACA) des Airports Council International Europe
- Alberta Carbon Competitiveness Incentive Regulation (CCIR)
- ASAE3000
- Attestation standards established by AICPA (AT105)
- Australian National GHG emission regulation (NGER)
- California Mandatory GHG Reporting Regulations (CARB)
- Canadian Institute of Chartered Accountants (CICA) Handbook: Assurance Section 5025
- Certified emissions measurement and reduction scheme (CEMARS)
- Chicago Climate Exchange (CCX) verification standard
- Compagnie Nationale des Commissaires aux Comptes (CNCC)
- Corporate GHG verification guidelines from ERT
- DNV Verisustain Protocol/ Verification Protocol for Sustainability Reporting
- Earthcheck Certification
- ERM GHG Performance Data Assurance Methodology
- European Union Emissions Trading System (EU ETS)
- IDW PS 821: IDW Prüfungsstandard: Grundsätze ordnungsmäßiger Prüfung oder prüferischer Durchsicht von Berichten im Bereich der Nachhaltigkeit
- IDW AsS 821: IDW Assurance Standard: Generally Accepted Assurance Principles for the Audit or Review of Reports on Sustainability Issues
- ISAE3000
- ISAE 3410
- ISO14064-3
- Japan voluntary emissions trading scheme (JVETS) guideline for verification
- Korean GHG and energy target management system
- NMX-SAA-14064-3-IMNC: Instituto Mexicano de Normalización y Certificación A.C
- RevR6 procedure for assurance of sustainability report
- Saitama Prefecture Target-Setting Emissions Trading Program
- SGS Sustainability Report Assurance
- Spanish Institute of Registered Auditors (ICJCE)
- Standard 3810N Assurance engagements relating to sustainability reports of the Royal Netherlands Institute of Registered Accountants
- State of Israel Ministry of Environmental Protection, Verification of GHG and emissions reduction in Israel Guidance Document
- Swiss Climate CO2 Label for Businesses
- Thai Greenhouse Gas Management Organisation (TGO) Greenhouse Gas (GHG) Verification Protocol
- The Climate Registry's General Verification Protocol
- Tokyo cap-and-trade guideline for verification
- Verification as part of Carbon Trust standard certification
- Other, please specify

(C10.1c) Provide further details of the verification/assurance undertaken for your Scope 3 emissions and attach the relevant statements.

Question dependencies

This question only appears if you select "Third-party verification or assurance process in place" for Scope 3 emissions in response to C10.1.

Change from 2019

Modified question (2019 C10.1b)

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Scope 3 category | Verification or assurance cycle in place | Status in the current reporting year | Type of verification or assurance | Attach the statement | Page/ section reference | Relevant standard | Proportion of reported emissions verified (%) |
|--|--|--|---|---------------------------|-------------------------------------|-------------------------------------|---|
| Select from: <ul style="list-style-type: none"> ● Scope 3 (upstream) ● Scope 3 (downstream) ● Scope 3 (upstream & downstream) ● Scope 3: Purchased goods and services ● Scope 3: Capital goods ● Scope 3: Fuel and energy-related activities (not included in Scopes 1 or 2) ● Scope 3: Upstream transportation and distribution ● Scope 3: Waste generated in operations ● Scope 3: Business travel ● Scope 3: Employee commuting ● Scope 3: Upstream leased assets ● Scope 3: Investments ● Scope 3: Downstream transportation and distribution ● Scope 3: Processing of sold products ● Scope 3: Use of sold products ● Scope 3: End-of-life treatment of sold products ● Scope 3: Downstream leased assets ● Scope 3: Franchises | Select from: <ul style="list-style-type: none"> ● Annual process ● Biennial process ● Triennial process | Select from: <ul style="list-style-type: none"> ● 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 | Select from: <ul style="list-style-type: none"> ● Not applicable ● Limited assurance ● Moderate assurance ● Reasonable assurance ● High assurance ● Third party verification/assurance underway | Attach your document here | Text field [maximum 500 characters] | Select from drop-down options below | Numerical field [enter a number from 0-100 using no decimals or commas] |

[Add Row]

Relevant standard drop-down options:

- AA1000AS
- Advanced technologies promotion Subsidy Scheme with Emission reduction Target (ASSET)
- Airport Carbon Accreditation (ACA) des Airports Council International Europe
- Alberta Carbon Competitiveness Incentive Regulation (CCIR)
- ASAE3000
- Attestation standards established by AICPA (AT105)
- Australian National GHG emission regulation (NGER)
- California Mandatory GHG Reporting Regulations (CARB)
- Canadian Institute of Chartered Accountants (CICA) Handbook: Assurance Section 5025
- Certified emissions measurement and reduction scheme (CEMARS)
- Chicago Climate Exchange (CCX) verification standard
- Compagnie Nationale des Commissaires aux Comptes (CNCC)
- Corporate GHG verification guidelines from ERT
- DNV Verisustain Protocol/ Verification Protocol for Sustainability Reporting
- Earthcheck Certification
- ERM GHG Performance Data Assurance Methodology
- European Union Emissions Trading System (EU ETS)
- IDW PS 821: IDW Prüfungsstandard: Grundsätze ordnungsmäßiger Prüfung oder prüferischer Durchsicht von Berichten im Bereich der Nachhaltigkeit
- IDW AsS 821: IDW Assurance Standard: Generally Accepted Assurance Principles for the Audit or Review of Reports on Sustainability Issues
- ISAE3000
- ISAE 3410
- ISO14064-3
- Japan voluntary emissions trading scheme (JVETS) guideline for verification
- Korean GHG and energy target management system
- NMX-SAA-14064-3-IMNC: Instituto Mexicano de Normalización y Certificación A.C
- RevR6 procedure for assurance of sustainability report

- Saitama Prefecture Target-Setting Emissions Trading Program
- SGS Sustainability Report Assurance
- Spanish Institute of Registered Auditors (ICJCE)
- Standard 3810N Assurance engagements relating to sustainability reports of the Royal Netherlands Institute of Registered Accountants
- State of Israel Ministry of Environmental Protection, Verification of GHG and emissions reduction in Israel Guidance Document
- Swiss Climate CO2 Label for Businesses
- Thai Greenhouse Gas Management Organisation (TGO) Greenhouse Gas (GHG) Verification Protocol
- The Climate Registry's General Verification Protocol
- Tokyo cap-and-trade guideline for verification
- Verification as part of Carbon Trust standard certification
- Other, please specify

Other verified data

(C10.2) Do you verify any climate-related information reported in your CDP disclosure other than the emissions figures reported in C6.1, C6.3, and C6.5?

Change from 2019

No change

Response options

Select one of the following options:

- Yes
- In progress
- No, but we are actively considering verifying within the next two years
- No, we are waiting for more mature verification standards and/or processes
- No, we do not verify any other climate-related information reported in our CDP disclosure

(C10.2a) Which data points within your CDP disclosure have been verified, and which verification standards were used?

Question dependencies

This question only appears if you select "Yes" in response to C10.2.

Change from 2019

Minor change

Connection to other frameworks

SDG

Goal 7: Affordable and clean energy

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Disclosure module verification relates to | Data verified | Verification standard | Please explain |
|--|--|---------------------------------------|---------------------------------------|
| Select from: <ul style="list-style-type: none"> ● C0. Introduction ● C1. Governance ● C2. Risks and opportunities ● C3. Business Strategy ● C4. Targets and performance ● C5. Emissions performance ● C6. Emissions data ● C7. Emissions breakdown ● C8. Energy ● C9. Additional metrics ● C11. Carbon pricing ● C12. Engagement ● C13. Other land management impacts ● C14. Portfolio impact ● C15. Signoff ● SC. Supply chain module | Select from: <ul style="list-style-type: none"> ● Year on year change in emissions (Scope 1) ● Year on year change in emissions (Scope 2) ● Year on year change in emissions (Scope 1 and 2) ● Year on year change in emissions (Scope 3) ● Year on year emissions intensity figure ● Financial or other base year data points used to set a science-based target ● Progress against emissions reduction target ● Change in Scope 1 emissions against a base year (not target related) ● Change in Scope 2 emissions against a base year (not target related) ● Change in Scope 3 emissions against a base year (not target related) ● Product footprint verification ● Emissions reduction activities ● Renewable energy products ● Energy consumption ● Don't know ● Other, please specify | Text field [maximum 1,500 characters] | Text field [maximum 1,500 characters] |

[Add Row]

C11 Carbon pricing

Carbon pricing systems

(C11.1) Are any of your operations or activities regulated by a carbon pricing system (i.e. ETS, Cap & Trade or Carbon Tax)?

Change from 2019

Removed question for FS only

Connection to other frameworks

SDG

Goal 13: Climate action

Response options

Select one of the following options:

- 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

(C11.1a) Select the carbon pricing regulation(s) which impacts your operations.

Question dependencies

This question only appears if you select "Yes" in response to C11.1.

Change from 2019

Minor change; Removed question for FS only

Connection to other frameworks

SDG

Goal 13: Climate action

Response options

Select all that apply from the following options:

- Alberta Carbon Competitive Incentive Regulation (CCIR) – ETS
- Argentina carbon tax
- Australia ERF Safeguard Mechanism - ETS
- BC carbon tax
- BC GGIRCA - ETS
- Beijing pilot ETS
- California CaT – ETS
- Canada federal fuel charge
- Canada federal Output Based Pricing System (OBPS) - ETS
- Chile carbon tax
- China national ETS
- Chongqing pilot ETS
- Colombia carbon tax
- Denmark carbon tax
- Estonia carbon tax
- EU ETS
- Finland carbon tax
- France carbon tax

- Fujian pilot ETS
- Guangdong pilot ETS
- Hubei pilot ETS
- Iceland carbon tax
- Ireland carbon tax
- Japan carbon tax
- Kazakhstan ETS
- Korea ETS
- Latvia carbon tax
- Liechtenstein carbon tax
- Massachusetts state ETS
- Mexico carbon tax
- New Zealand ETS
- Newfoundland and Labrador PSS - ETS
- Nova Scotia CaT - ETS
- Norway carbon tax
- Newfoundland and Labrador carbon tax
- Poland carbon tax
- Portugal carbon tax
- Prince Edward Island carbon tax
- Québec CaT - ETS
- RGGI - ETS
- Saitama ETS
- Saskatchewan OBPS - ETS
- Shanghai pilot ETS
- Shenzhen pilot ETS
- Singapore carbon tax
- Slovenia carbon tax
- South Africa carbon tax
- Spain carbon tax
- Sweden carbon tax
- Switzerland carbon tax
- Switzerland ETS
- Tianjin pilot ETS
- Tokyo CaT - ETS
- UK carbon price floor
- Ukraine carbon tax
- Washington CAR - ETS
- Other carbon tax, please specify
- Other ETS, please specify

(C11.1b) Complete the following table for each of the emissions trading schemes you are regulated by.

Question dependencies

This question only appears if you select an emissions trading option in response to C11.1a.

Change from 2019

Modified question; Removed question for FS only

Connection to other frameworks

SDG

Goal 13: Climate action

Response options

Please complete the following table.

| System name | % of Scope 1 emissions covered by the ETS | % of Scope 2 emissions covered by the ETS | Period start date | Period end date |
|---|---|---|--|---|
| Fixed table rows are populated by selection in C11.1a | Numerical field [enter a number from 0-100 using a maximum of 2 decimal places and no commas] | Numerical field [enter a number from 0-100 using a maximum of 2 decimal places and no commas] | Enter the start date that applies to the data in the row. Use the calendar button or enter dates manually in the format DD/MM/YYYY. Please note that the period reported should overlap with the reporting year. | Enter the finish date that applies to the data in the row. Use the calendar button or enter dates manually in the format DD/MM/YYYY. Please note that the period reported should overlap with the reporting year. |

| Allowances allocated | Allowances purchased | Verified Scope 1 emissions in metric tons CO2e | Verified Scope 2 emissions in metric tons CO2e | Details of ownership | Comment |
|--|--|--|--|---|---------------------------------------|
| Numerical field [enter a number from 0-99,999,999,999 using a maximum of 2 decimal places and no commas] | Numerical field [enter a number from 0-99,999,999,999 using a maximum of 2 decimal places and no commas] | Numerical field [enter a number from 0-99,999,999,999 using a maximum of 2 decimal places and no commas] | Numerical field [enter a number from 0-99,999,999,999 using a maximum of 2 decimal places and no commas] | Select from: <ul style="list-style-type: none"> Facilities we own and operate Facilities we own but do not operate Facilities we operate but do not own Other, please specify | Text field [maximum 2,400 characters] |

(C11.1c) Complete the following table for each of the tax systems you are regulated by.

Question dependencies

This question only appears if you select a carbon tax system in response to C11.1a.

Change from 2019

Minor change; Removed question for FS only

Connection to other frameworks

SDG

Goal 13: Climate action

Response options

Please complete the following table

| Tax system | Period start date | Period end date | % of total Scope 1 emissions covered by tax | Total cost of tax paid | Comment |
|---|--|---|---|---|---------------------------------------|
| Fixed table rows are populated by selection in C11.1a | Enter the start date that applies to the data in the row. Use the calendar button or enter dates manually in the format DD/MM/YYYY. Please note that the period reported should overlap with the reporting year. | Enter the finish date that applies to the data in the row. Use the calendar button or enter dates manually in the format DD/MM/YYYY. Please note that the period reported should overlap with the reporting year. | Numerical field [enter a number from 0-100 using a maximum of 2 decimal places and no commas] | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places and no commas] | Text field [maximum 2,400 characters] |

(C11.1d) What is your strategy for complying with the systems you are regulated by or anticipate being regulated by?

Question dependencies

This question only appears if you select "Yes" or "No, but we anticipate being regulated in the next three years" in response to C11.1

Change from 2019

Minor change; Removed question for FS only

Connection to other frameworks

SDG

Goal 13: Climate action

Response options

This is an open text question with a limit of 5,000 characters.

Please note that when copying from another document into the ORS, formatting is not retained.

Project-based carbon credits

(C11.2) Has your organization originated or purchased any project-based carbon credits within the reporting period?

Change from 2019

No change

Connection to other frameworks

SDG

Goal 13: Climate action

Response options

Select one of the following options:

- Yes
- No

(C11.2a) Provide details of the project-based carbon credits originated or purchased by your organization in the reporting period.

Question dependencies

This question only appears if you select "Yes" in response to C11.2.

Change from 2019

No change

Connection to other frameworks

SDG

Goal 13: Climate action

Response options

Please complete the following table. The table is displayed over several rows for readability. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Credit origination or credit purchase | Project type | Project identification | Verified to which standard |
|---|--|---------------------------------------|---|
| Select from: <ul style="list-style-type: none">● Credit origination● Credit purchase | Select from: <ul style="list-style-type: none">● Agriculture● Biomass energy● Cement● CO2 usage● Coal mine/bed CH4● Energy distribution● Energy efficiency: households● Energy efficiency: industry● Energy efficiency: own generation● Energy efficiency: service● Energy efficiency: supply side● Forests● Fossil fuel switch● Fugitive● Geothermal● HFCs● Hydro● Landfill gas● Methane avoidance● NO● PFCs and SF6● Solar● Tidal● Transport● Wind● Other, please specify | Text field [maximum 2,400 characters] | Select from: <ul style="list-style-type: none">● CDM (Clean Development Mechanism)● JI (Joint Implementation)● Gold Standard● VCS (Verified Carbon Standard)● VER+ (TÜV SÜD standard)● CAR (The Climate Action Reserve)● ACR (American Carbon Registry)● CCBS (developed by the Climate, Community and Biodiversity Alliance, CCBA)● Plan Vivo● Emissions Reduction Fund of the Australian Government● Not yet verified● Other, please specify |

| Number of credits (metric tons CO2e) | Number of credits (metric tons CO2e): Risk adjusted volume | Credits cancelled | Purpose, e.g. compliance |
|--|--|--|---|
| Numerical field [enter a number from 0-99,999,999,999 using a maximum of 2 decimal places and no commas] | Numerical field [enter a number from 0-99,999,999,999 using a maximum of 2 decimal places and no commas] | Select from: <ul style="list-style-type: none">YesNoNot relevant | Select from: <ul style="list-style-type: none">ComplianceVoluntary OffsettingNot applicableOther, please specify |

[Add Row]

Internal price on carbon

(C11.3) Does your organization use an internal price on carbon?

Change from 2019

No change

Response options

Select one of the following options:

- Yes
- No, but we anticipate doing so in the next two years
- No, and we don't anticipate doing so in the next two years

(C11.3a) Provide details of how your organization uses an internal price on carbon.

Question dependencies

This question only appears if you select "Yes" in response to C11.3.

Change from 2019

No change

Connection to other frameworks

2018 RobecoSAM Corporate Sustainability Assessment (DJSI)

Internal carbon pricing

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Objective for implementing an internal carbon price | GHG Scope | Application | Actual price(s) used (Currency /metric ton) | Variance of price(s) used | Type of internal carbon price | Impact & implication |
|---|--|--|--|---------------------------------------|--|---------------------------------------|
| Select all that apply: <ul style="list-style-type: none">Navigate GHG regulationsStakeholder expectationsChange internal behaviorDrive energy efficiencyDrive low-carbon investmentStress test investmentsIdentify and seize low-carbon opportunitiesSupplier engagementOther, please specify | Select all that apply: <ul style="list-style-type: none">Scope 1Scope 2Scope 3 | Corporate structure that price is applied to (i.e. business units, corporate divisions, facilities) Text field [maximum 1,000 characters] | Numerical field [enter a number from 0-99,999,999,999 using a maximum of 2 decimal places and no commas] | Text field [maximum 2,400 characters] | Select all that apply: <ul style="list-style-type: none">Shadow priceInternal feeInternal tradingImplicit priceOffsetsOther, please specify | Text field [maximum 2,400 characters] |

[Add Row]

C12 Engagement

Value chain engagement

(C12.1) Do you engage with your value chain on climate-related issues?

Change from 2019

Modified question for FS only

Connection to other frameworks

SDG

Goal 12: Responsible consumption and production

Response options

Select all that apply from the following options:

- Yes, our suppliers
- Yes, our customers
- Yes, our investee companies [Financial services only]
- Yes, other partners in the value chain
- No, we do not engage

(C12.1a) Provide details of your climate-related supplier engagement strategy.

Question dependencies

This question only appears if you select "Yes, our suppliers" in response to C12.1.

Change from 2019

Minor change

Connection to other frameworks

SDG

Goal 12: Responsible consumption and production

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Type of engagement | Details of engagement | % of suppliers by number | % total procurement spend (direct and indirect) | % of supplier-related Scope 3 emissions as reported in C6.5 | Rationale for the coverage of your engagement | Impact of engagement, including measures of success | Comment |
|---|---|--|--|--|---|---|---------------------------------------|
| Select from: <ul style="list-style-type: none"> ● Compliance & onboarding ● Information collection (understanding supplier behavior) ● Engagement & incentivization (changing supplier behavior) ● Innovation & collaboration (changing markets) ● Other, please specify | Select all that apply: Compliance & onboarding <ul style="list-style-type: none"> ● Included climate change in supplier selection / management mechanism ● Code of conduct featuring climate change KPIs ● Climate change is integrated into supplier evaluation processes ● Other, please specify Information collection (understanding supplier behavior) <ul style="list-style-type: none"> ● Collect climate change and carbon information at least annually from suppliers ● Other, please specify Engagement & incentivization (changing supplier behavior) <ul style="list-style-type: none"> ● Run an engagement campaign to educate suppliers about climate change ● Climate change performance is featured in supplier awards scheme ● Offer financial incentives for suppliers who reduce your operational emissions (Scopes 1 & 2) ● Offer financial incentives for suppliers who reduce your downstream emissions (Scopes 3) ● Offer financial incentives for suppliers who reduce your upstream emissions (Scopes 3) ● Other, please specify Innovation & collaboration (changing markets) <ul style="list-style-type: none"> ● Run a campaign to encourage innovation to reduce climate impacts on products and services ● Other, please specify | Percentage field [enter a percentage from 0-100 using a maximum of 2 decimal places] | Percentage field [enter a percentage from 0-100 using a maximum of 2 decimal places] | Percentage field [enter a percentage from 0-100 using a maximum of 2 decimal places] | Text field [maximum 2,400 characters] | Text field [maximum 2,400 characters] | Text field [maximum 2,400 characters] |

[Add Row]

(C12.1b) Give details of your climate-related engagement strategy with your customers.

Question dependencies

This question only appears if you select "Yes, our customers" in response to C12.1.

Change from 2019

Minor change; Modified question for FS only

Connection to other frameworks

SDG

Goal 12: Responsible consumption and production

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table

| Type of engagement | Details of engagement | % of customers by number | % customer-related Scope 3 emissions as reported in C6.5 | [FINANCIAL SERVICES ONLY] Portfolio coverage (total or outstanding) | Please explain the rationale for selecting this group of customers and scope of engagement | Impact of engagement, including measures of success |
|---|--------------------------------------|--|--|--|--|---|
| Select from: <ul style="list-style-type: none"> ● Education/information sharing ● Collaboration & innovation ● Compliance & onboarding [Financial services only] ● Information collection (understanding customer behavior) [Financial services only] ● Engagement & incentivization (changing customer behavior) [Financial services only] ● Other, please specify | Select from drop-down options below. | Percentage field [enter a percentage from 0-100 using a maximum of 2 decimal places] | Percentage field [enter a percentage from 0-100 using a maximum of 2 decimal places] | Select from: <ul style="list-style-type: none"> ● All of the portfolio ● Majority of the portfolio ● Minority of the portfolio ● Unknown | Text field [maximum 2,400 characters] | Text field [maximum 2,400 characters] |

[Add Row]

Details of engagement drop-down options:

Education/ information sharing

Select one of the following options:

- Run an engagement campaign to educate customers about your climate change performance and strategy
- Run an engagement campaign to educate customers about the climate change impacts of (using) your products, goods, and/or services
- Share information about your products and relevant certification schemes (i.e. Energy STAR)

Collaboration & Innovation

Select one of the following options:

- Run a campaign to encourage innovation to reduce climate change impacts
- Other, please specify

Compliance & onboarding [Financial services only]

Select one of the following options:

- Climate change considerations are integrated into customer screening processes
- Included climate change considerations in customer management mechanism
- Other, please specify

Information collection (understanding customer behavior) [Financial services only]

Select one of the following options:

- Collect climate change and carbon information from new customers as part of initial due diligence
- Collect climate change and carbon information at least annually from long-term customers
- Other, please specify

Engagement & incentivization (changing customer behavior) [Financial services only]

Select one of the following options:

- Run an engagement campaign to educate customers about climate change
- Engage with customers on measuring exposure to climate-related risk
- Encourage better climate-related disclosure practices
- Offer financial incentives for customers who reduce your downstream emissions (Scope 3) and/or exposure to carbon-related assets
- Other, please specify

(C-FS12.1c) Give details of your climate-related engagement strategy with your investee companies.

Question dependencies

This question only appears if you select "Yes, our investee companies" in response to C12.1.

Change from 2019

New question

Connection to other frameworks

SDG

Goal 12: Responsible consumption and production

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Type of engagement | Details of engagement | % of investees by number | % Scope 3 emissions as reported in C-FS14.1a/C-FS14.1b | Portfolio coverage | Rationale for the coverage of your engagement | Impact of engagement, including measures of success |
|---|--|--|--|---|---|---|
| Select from: <ul style="list-style-type: none">● Information collection (understanding investee behavior)● Engagement & incentivization (changing investee behavior)● Innovation & collaboration (changing markets)● Other, please specify | Select from: Information collection (understanding investee behavior) <ul style="list-style-type: none">● Included climate change in investee selection/management mechanism● Climate change is integrated into investee evaluation processes● Collect climate change and carbon information from new investee companies as part of due diligence● Collect climate change and carbon information at least annually from long-term investees● Other, please specify Engagement & incentivization (changing investee behavior) <ul style="list-style-type: none">● Exercise active ownership● Support climate-related shareholder resolutions● Support climate-related issues in proxy voting● Initiate and support dialogue with investee boards to set Paris-aligned strategies● Encourage better climate-related disclosure practices among investees● Offer financial incentives for investees who reduce your emissions (Scope 3)● Other, please specify Innovation & collaboration (changing markets) <ul style="list-style-type: none">● Carry out collaborative engagements with other investors or institutions● Run a campaign to encourage innovation to reduce climate change impacts● Other, please specify Other, please specify <ul style="list-style-type: none">● Other, please specify | Percentage field [enter a percentage from 0-100 using a maximum of 2 decimal places] | Percentage field [enter a percentage from 0-100 using a maximum of 2 decimal places] | Select from: <ul style="list-style-type: none">● All of the portfolio● Majority of the portfolio● Minority of the portfolio● Unknown | Text field [maximum 5,000 characters] | Text field [maximum 5,000 characters] |

[Add Row]

(C12.1d) Give details of your climate-related engagement strategy with other partners in the value chain.

Question dependencies

This question only appears if you select "Yes, other partners in the value chain" in response to C12.1.

Change from 2019

No change (2019 C12.1c)

Connection to other frameworks

SDG

Goal 12: Responsible consumption and production

Response options

This is an open text question with a limit of 5,000 characters.

Please note that when copying from another document into the ORS, formatting is not retained.

(C12.1e) Why do you not engage with any elements of your value chain on climate-related issues, and what are your plans to do so in the future?

Question dependencies

This question only appears if you select "No, we do not engage" in response to C12.1.

Change from 2019

No change (2019 C12.1d)

Connection to other frameworks

SDG

Goal 12: Responsible consumption and production

Response options

This is an open text question with a limit of 5,000 characters.

Please note that when copying from another document into the ORS, formatting is not retained.

Agricultural supplier engagement

Question C12.2 only applies to organizations with activities in the following sectors:

- Agricultural commodities
- Food, beverage & tobacco
- Paper & forestry

(C-AC12.2/C-FB12.2/C-PF12.2) Do you encourage your suppliers to undertake any agricultural or forest management practices with climate change mitigation and/or adaptation benefits?

Question dependencies

This question only appears if you select "Yes, our suppliers" in response to C12.1 AND if you select "Elsewhere in value chain" or "Both own land and elsewhere in value chain" in response to the "Agriculture/Forestry" row in C-AC0.6/C-FB0.6/C-PF0.6

Change from 2019

No change

Response options

Select one of the following options:

- Yes
- No

(C-AC12.2a/C-FB12.2a/C-PF12.2a) Specify which agricultural or forest management practices with climate change mitigation and/or adaptation benefits you encourage your suppliers to undertake and describe your role in the implementation of each practice.

Question dependencies

This question only appears if you select "Yes" in response to C-AC12.2/C-FB12.2/C-PF12.2.

Change from 2019

No change

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Management practice reference number | Management practice | Description of management practice | Your role in the implementation | Explanation of how you encourage implementation | Climate change related benefit | Comment |
|---|---|---------------------------------------|---|---|---|---------------------------------------|
| Select from: <ul style="list-style-type: none"> MP1 MP2 MP3 MP4 MP5 MP6 MP7 MP8 MP9 MP10 MP11 MP12 MP13 MP14 MP15 MP16 MP17 MP18 MP19 MP20 | Select from: <ul style="list-style-type: none"> Afforestation Agroforestry Biodiversity considerations Change in the topography or landscapes Composting Crop diversity Contour farming Crop rotation Diversifying farmer income Efficient equipment use Equipment maintenance and calibration Enhanced forest regeneration practices Fertilizer management Fire control Governmental or institutional policies and programs Green harvesting Integrated pest management Knowledge sharing Land use change Low carbon energy use Low tillage and residue management Livestock management Manure management Nitrogen-fixing plants as cover crop Organic farming Practices to increase wood production and forest productivity Permanent soil cover (including cover crops) Pest, disease and weed management practices Reducing energy use; Reforestation Restoration Replacing fossil fuels by renewable energy sources Restoration of degraded lands and cultivated organic soils Rice management Seed variety selection Selective logging Selecting species to maximize carbon capture Species introduction Timing of farm operations Waste management Other, please specify | Text field [maximum 2,400 characters] | Select all that apply: <ul style="list-style-type: none"> Financial Knowledge sharing Operational Procurement None Other, please specify | Text field [maximum 2,400 characters] | Select all that apply: <ul style="list-style-type: none"> Emissions reductions (mitigation) Increasing resilience to climate change (adaptation) Increase carbon sink (mitigation) Reduced demand for fossil fuel (adaptation) Reduced demand for fertilizers (adaptation) Reduced demand for pesticides (adaptation) Other, please specify | Text field [maximum 1,000 characters] |

[Add Row]

(C-AC12.2b/C-FB12.2b/C-PF12.2b) Do you collect information from your suppliers about the outcomes of any implemented agricultural/forest management practices you have encouraged?

Question dependencies

This question only appears if you select "Yes" in response to C-AC12.2/C-FB12.2/C-PF12.2.

Change from 2019

No change

Response options

Select one of the following options:

- Yes
- No

(C-AC12.2c/C-FB12.2c/C-PF12.2c) Why do you not encourage your suppliers to undertake any agricultural/forest management practices with climate change mitigation and/or adaptation benefits?

Question dependencies

This question only appears if you select "No" in response to C-AC12.2/C-FB12.2/C-PF12.2.

Change from 2019

No change

Response options

Please complete the following table:

| Primary reason | Please explain |
|---|--|
| Select from: <ul style="list-style-type: none">● Lack of internal resources● We plan to introduce a process in the next two years● Not an immediate business priority● Judged to be unimportant● No instruction from management● Other, please specify | <div>Text field [maximum 4,000 characters]</div> |

Public policy engagement

(C12.3) Do you engage in activities that could either directly or indirectly influence public policy on climate-related issues through any of the following?

Change from 2019

No change

Response options

Select all that apply from the following options:

- Direct engagement with policy makers
- Trade associations
- Funding research organizations
- Other
- No

(C12.3a) On what issues have you been engaging directly with policy makers?

Question dependencies

This question only appears if you select "Direct engagement with policy makers" in response to C12.3.

Change from 2019

No change

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table

| Focus of legislation | Corporate position | Details of engagement | Proposed legislative solution |
|---|--|---------------------------------------|---------------------------------------|
| Select from: <ul style="list-style-type: none"> ● Mandatory carbon reporting ● Cap and trade ● Carbon tax ● Energy efficiency ● Clean energy generation ● Adaptation or resilience ● Climate finance ● Regulation of methane emissions ● Other, please specify | Select from: <ul style="list-style-type: none"> ● Support ● Support with minor exceptions ● Support with major exceptions ● Neutral ● Oppose ● Undecided | Text field [maximum 2,400 characters] | Text field [maximum 2,400 characters] |

[Add Row]

(C12.3b) Are you on the board of any trade associations or do you provide funding beyond membership?

Question dependencies

This question only appears if you select "Trade associations" in response to C12.3.

Change from 2019

No change

Response options

Select one of the following options:

- Yes
- No

(C12.3c) Enter the details of those trade associations that are likely to take a position on climate change legislation.

Question dependencies

This question only appears if you select "Yes" in response to C12.3b.

Change from 2019

No change

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Trade association | Is your position on climate change consistent with theirs? | Please explain the trade association's position | How have you influenced, or are you attempting to influence their position? |
|---------------------------------------|---|---|---|
| Text field [maximum 1,000 characters] | Select from: <ul style="list-style-type: none"> ● Consistent ● Inconsistent ● Mixed ● Unknown | Text field [maximum 2,400 characters] | Text field [maximum 2,400 characters] |

[Add Row]

(C12.3d) Do you publicly disclose a list of all research organizations that you fund?

Question dependencies

This question only appears if you select "Funding research organizations" in response to C12.3.

Change from 2019

No change

Response options

Select one of the following options:

- Yes
- No

(C12.3e) Provide details of the other engagement activities that you undertake.

Question dependencies

This question only appears if you select "Other" in response to C12.3.

Change from 2019

No change

Response options

This is an open text question with a limit of 5,000 characters.

Please note that when copying from another document into the ORS, formatting is not retained.

(C12.3f) What processes do you have in place to ensure that all of your direct and indirect activities that influence policy are consistent with your overall climate change strategy?

Question dependencies

This question only appears if you select "Direct engagement with policy makers", "Trade associations", "Funding research organizations" and/or "Other" in response to C12.3.

Change from 2019

No change

Response options

This is an open text question with a limit of 5,000 characters.

Please note that when copying from another document into the ORS, formatting is not retained.

(C12.3g) Why do you not engage with policy makers on climate-related issues?

Question dependencies

This question only appears if you select "No" in response to C12.3.

Change from 2019

No change

Response options

This is an open text question with a limit of 5,000 characters.

Please note that when copying from another document into the ORS, formatting is not retained.

Communications

(C12.4) Have you published information about your organization's response to climate change and GHG emissions performance for this reporting year in places other than in your CDP response? If so, please attach the publication(s).

Change from 2019

No change

Connection to other frameworks

Goal 12: Responsible consumption and production

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table

| Publication | Status | Attach the document | Page/Section reference | Content elements | Comment |
|--|---|----------------------------|-------------------------------------|---|---------------------------------------|
| Select from: <ul style="list-style-type: none"> ● In mainstream reports ● In mainstream reports, in line with the CDSB framework (as amended to incorporate the TCFD recommendations) ● In mainstream reports, incorporating the TCFD recommendations ● In other regulatory filings ● In voluntary communications ● In voluntary sustainability report ● No publications with information about our response to climate-related issues and GHG emissions performance ● Other, please specify | Select from: <ul style="list-style-type: none"> ● Complete ● Underway – previous year attached ● Underway – this is our first year | Attach your document here. | Text field [maximum 500 characters] | Select all that apply: <ul style="list-style-type: none"> ● Governance ● Strategy ● Risks & Opportunities ● Emissions figures ● Emission targets ● Other metrics ● Other, please specify | Text field [maximum 2,400 characters] |

[Add Row]

Industry collaboration

(C-FS12.5) Are you a signatory of any climate-related collaborative industry frameworks, initiatives and/or commitments?

Change from 2019

New question

Response options

Please complete the following table.

| Type of collaboration | Industry Collaboration | Comment |
|-----------------------|---|---------------------------------------|
| Reporting frameworks | Select all that apply: <ul style="list-style-type: none"> ● Climate Disclosure Standards Board (CDSB) ● Equator Principles ● Partnership for Carbon Accounting Financials (PCAF) ● Principles for Responsible Investment (PRI) ● Task Force on Climate-related Financial Disclosures (TCFD) ● UNEP FI Principles for Responsible Banking ● UNEP FI Principles for Sustainable Insurance ● Other, please specify | Text field [maximum 2,400 characters] |

| | | |
|---------------------|---|--|
| Industry initiative | <p>Select all that apply:</p> <ul style="list-style-type: none"> ● Asia Investor Group on Climate Change (AIGCC) ● Banking Environment Initiative ● Ceres ● Climate Action 100+ ● Climate Bonds Initiative Partner Programme ● ClimateWise Principles ● Global Alliance for Banking on Values (GABV) ● G7 Investors Global Initiative ● IIF Forum on Implementation of TCFD recommendations ● Institutional Investors Group on Climate Change (IIGCC) ● International Corporate Governance Network (ICGN) ● Natural Capital Finance Alliance ● Net-Zero Asset Owner Alliance ● Partnership for Carbon Accounting Financials (PCAF) ● Positive Impact Initiative ● Principles for Responsible Investment (PRI) ● Science-Based Targets Initiative for Financial Institutions (SBTI-FI) ● Soft Commodities' Compact ● The Investor Agenda ● Transition Pathway Initiative ● UNEP FI ● UNEP FI Principles for Responsible Banking ● UNEP FI Portfolio Decarbonization Coalition ● UNEP FI Principles for Sustainable Insurance ● UNEP FI TCFD Pilot ● We Are Still In ● We Mean Business ● Other, please specify | |
| Commitment | <p>Select all that apply:</p> <ul style="list-style-type: none"> ● ClimateWise Principles ● Montreal pledge ● Net-Zero Asset Owner Alliance ● Collective Commitment to Climate Action ● We Are Still In ● Other, please specify | |

C13 Module Dependencies

Module C13 only applies to organizations with activities in the following sectors:

- Agricultural commodities
- Food, beverage & tobacco
- Paper & forestry

(C-AC13.1/ C-FB13.1/C-PF13.1) Do you know if any of the management practices implemented on your own land disclosed in C-AC4.4a/C-FB4.4a/C-PF4.4a have other impacts besides climate change mitigation/adaptation?

Question dependencies

This question only appears if you select "Yes" in response to C-AC4.4/C-FB4.4/C-PF4.4.

Change from 2019

No change

Response options

Select one of the following options:

- Yes
- No

(C-AC13.1a/ C-FB13.1a / C-PF13.1a) Provide details on those management practices that have other impacts besides climate change mitigation/adaptation and on your management response.

Question dependencies

This question only appears if you select "Yes" in response to C-AC13.1/ C-FB13.1/C-PF13.1.

Change from 2019

No change

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Management practice reference number | Overall effect | Which of the following has been impacted? | Description of impact | Have you implemented any response(s) to these impacts? | Description of the response(s) |
|---|--|--|---------------------------------------|---|---------------------------------------|
| Select from: <ul style="list-style-type: none">● MP1● MP2● MP3● MP4● MP5● MP6● MP7● MP8● MP9● MP10● MP11● MP12● MP13● MP14● MP15● MP16● MP17● MP18● MP19● MP20 | Select all that apply: <ul style="list-style-type: none">● Positive● Negative● Neutral● Mixed | Select all that apply: <ul style="list-style-type: none">● Biodiversity● Soil● Water● Yield● Other, please specify | Text field [maximum 2,400 characters] | Select from: <ul style="list-style-type: none">● Yes● No | Text field [maximum 2,400 characters] |

[Add Row]

(C-AC13.2/ C-FB13.2 / C-PF13.2) Do you know if any of the management practices mentioned in C-AC12.2a/C-FB12.2a/C-PF12.2a that were implemented by your suppliers have other impacts besides climate change

mitigation/adaptation?

Question dependencies

This question only appears if you select "Yes" in response to C-AC12.2/C-FB12.2/C-PF12.2.

Change from 2019

No change

Response options

Select one of the following options:

- Yes
- No

(C-AC13.2a/ C-FB13.2a / C-PF13.2a) Provide details of those management practices implemented by your suppliers that have other impacts besides climate change mitigation/adaptation.

Question dependencies

This question only appears if you select "Yes" in response to C-AC13.2/ C-FB13.2 / C-PF13.2.

Change from 2019

No change

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Management practice reference number | Overall effect | Which of the following has been impacted? | Description of impacts | Have any response to these impacts been implemented? | Description of the response (s) |
|---|--|--|---------------------------------------|---|---------------------------------------|
| Select from: <ul style="list-style-type: none">● MP1● MP2● MP3● MP4● MP5● MP6● MP7● MP8● MP9● MP10● MP11● MP12● MP13● MP14● MP15● MP16● MP17● MP18● MP19● MP20 | Select all that apply: <ul style="list-style-type: none">● Positive● Negative● Neutral● Mixed | Select all that apply: <ul style="list-style-type: none">● Biodiversity● Soil● Water● Yield● Other, please specify | Text field [maximum 2,400 characters] | Select from: <ul style="list-style-type: none">● Yes● No | Text field [maximum 2,400 characters] |

[Add Row]

C14 Module Dependencies

Module C14 only applies to organizations with activities in the Financial Services sector.

Portfolio Impact

(C-FS14.1) Do you conduct analysis to understand how your portfolio impacts the climate? (Scope 3 portfolio impact)

Question dependencies

Rows in this question will be presented according to the organizational activities reported in C-FS0.7. The "Other products and services, please specify" row will always appear.

Change from 2019

New question

Connection to other frameworks

TCFD

Metrics & Targets recommended disclosure b) Disclose Scope 1, Scope 2, and, if appropriate, Scope 3 greenhouse gas (GHG) emissions, and the related risks.

SDG

Goal 12: Responsible consumption and production

Goal 13: Climate action

2018 RobecoSAM Corporate Sustainability Assessment (DJSI)

Scope 3

Response options

Please complete the following table:

| Portfolio | We conduct analysis on our portfolio's impact on the climate. | Disclosure metric | Comment |
|---|---|--|---------------------------------------|
| Bank lending (Bank) | Select from: <ul style="list-style-type: none">YesNo, but we plan to do so in the next two yearsNoNot applicable | Select all that apply: <ul style="list-style-type: none">Category 15 "Investments" total absolute emissionsAlternative carbon footprinting and/or exposure metrics (as defined by TCFD)Other, please specify | Text field [maximum 2,400 characters] |
| Investing (Asset manager) | | | |
| Investing (Asset owner) | | | |
| Insurance underwriting (Insurance company) | | | |
| Other products and services, please specify | | | |

(C-FS14.1a) What are your organization's Scope 3 portfolio emissions? (Category 15 "Investments" total emissions)

Question dependencies

This question only appears if you select "Yes" in column 2 of question C-FS14.1.

Change from 2019

New question

Connection to other frameworks

TCFD

Metrics & Targets recommended disclosure b) Disclose Scope 1, Scope 2, and, if appropriate, Scope 3 greenhouse gas (GHG) emissions, and the related risks.

SDG

Goal 12: Responsible consumption and production

Goal 13: Climate action

2018 RobecoSAM Corporate Sustainability Assessment (DJSI)

Scope 3

Response options

Please complete the following table:

| Source of Scope 3 emissions | Evaluation status | Scope 3 portfolio emissions (metric tons CO2e) | Portfolio coverage | Percentage calculated using data obtained from clients/investees | Emissions calculation methodology | Please explain |
|--|--|---|---|--|---------------------------------------|---------------------------------------|
| Category 15 <ul style="list-style-type: none">Investment | Select from: <ul style="list-style-type: none">Relevant, calculatedRelevant, not yet calculatedNot relevant, calculatedNot relevant, explanation providedNot evaluated | Numerical field [enter a number from 0-999,999,999,999 using a maximum of 2 decimal places and no commas] | Select from: <ul style="list-style-type: none">0%More than 0% but less than or equal to 10%More than 10% but less than or equal to 20%More than 20% but less than or equal to 30%More than 30% but less than or equal to 40%More than 40% but less than or equal to 50%More than 50% but less than or equal to 60%More than 60% but less than or equal to 70%More than 70% but less than or equal to 80%More than 80% but less than or equal to 90%More than 90% but less than or equal to 100%Unknown | Percentage field [enter a percentage from 0-100 using a maximum of 2 decimal places] | Text field [maximum 5,000 characters] | Text field [maximum 2,400 characters] |

(C-FS14.1b) What is your organization's Scope 3 portfolio impact? (Category 15 "Investments" alternative carbon footprinting and/or exposure metrics)

Question dependencies

This question only appears if you select "Yes" in column 2 and "Alternative carbon footprinting and/or exposure metrics" or "Other, please specify" in column 3 in question C-FS14.1.

Change from 2019

New question

Connection to other frameworks

TCFD

Metrics & Targets recommended disclosure b) Disclose Scope 1, Scope 2, and, if appropriate, Scope 3 greenhouse gas (GHG) emissions, and the related risks.

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Metric type | Metric unit | Scope 3 portfolio metric | Portfolio coverage | Percentage calculated using data obtained from clients/investees | Calculation methodology | Please explain |
|--|--|--|--|--|--|---------------------------------------|
| Select from: <ul style="list-style-type: none"> Weighted average carbon intensity (Portfolio) carbon footprint Carbon intensity Exposure to carbon-related assets Other, please specify | Select from: <ul style="list-style-type: none"> CO2e/\$M revenue CO2e/\$M invested \$M portfolio value Percentage portfolio value Other, please specify | Numeric field [enter a range of 0-999,999,999 using a maximum of 2 decimal places and no commas] | Select from: <ul style="list-style-type: none"> 0% More than 0% but less than or equal to 10% More than 10% but less than or equal to 20% More than 20% but less than or equal to 30% More than 30% but less than or equal to 40% More than 40% but less than or equal to 50% More than 50% but less than or equal to 60% More than 60% but less than or equal to 70% More than 70% but less than or equal to 80% More than 80% but less than or equal to 90% More than 90% but less than or equal to 100% Unknown | Percentage field [enter a percentage from 0-100 using a maximum of 2 decimal places] | Text field [maximum of 5,000 characters] | Text field [maximum 2,400 characters] |

[Add Row]

(C-FS14.1c) Why do you not conduct analysis to understand how your portfolio impacts the climate? (Scope 3 Category 15 "Investments" emissions or alternative carbon footprinting and/or exposure metrics)

Question dependencies

This question only appears if you select "No, but we plan to do so in the next two years" or "No" in column 2 in question C-FS14.1.

Change from 2019

New question

Connection to other frameworks

TCFD

Metrics & Targets recommended disclosure b) Disclose Scope 1, Scope 2, and, if appropriate, Scope 3 greenhouse gas (GHG) emissions, and the related risks.

Response options

This is an open text question with a limit of 5,000 characters.

Please note that when copying from another document into the ORS, formatting is not retained.

Portfolio Impact breakdown

(C-FS14.2) Are you able to provide a breakdown of your organization's Scope 3 portfolio impact?

Question dependencies

This question only appears if you select "Yes" in C-FS14.1.

Change from 2019

New question

Response options

Please complete the following table

| Scope 3 breakdown | Comment |
|---|---------------------------------------|
| Select all that apply: <ul style="list-style-type: none"> • Yes, by asset class • Yes, by industry • Yes, by country/region • None of the above, but we plan to do this in the next 2 years • None of the above and we don't plan to do this | Text field [maximum 2,400 characters] |

(C-FS14.2a) Break down your organization's Scope 3 portfolio impact by asset class.

Question dependencies

- This question only appears if you select "Yes, by asset class" in C-FS14.2.
- The drop-down list in column 2 is determined by your response in column 1 in question C-FS14.1b. The option "Total carbon absolute emissions (CO₂e)" always appears.

Change from 2019

New question

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Asset class | Metric type | Metric unit | Scope 3 portfolio emissions or alternative metric | Please explain |
|---|---|---|--|---------------------------------------|
| Select from: <ul style="list-style-type: none"> • Commercial real estate • Corporate debt • Corporate/SME loans • Fixed income • Listed equity • Mortgages • Public loans • Private equity • Project finance • Sovereign bonds • Other, please specify | Select from: <ul style="list-style-type: none"> • Total carbon absolute emissions (CO₂e) • [Drop-down options created from your response to C-FS14.1b] | Select from: <ul style="list-style-type: none"> • Metric tons CO₂e • CO₂e/\$M revenue • CO₂e/\$M invested • \$M portfolio value • Percentage portfolio value • Other, please specify | Numerical field [enter a range of 0-999,999,999,999 using a maximum of 2 decimal places and no commas] | Text field [maximum 2,400 characters] |

[Add Row]

(C-FS14.2b) Break down your organization's Scope 3 portfolio impact by industry.

Question dependencies

- This question only appears if you select "Yes, by industry" in C-FS14.2.
- The drop-down list in column 2 is determined by your response in column 1 in question C-FS14.1b. The option "Total carbon absolute emissions (CO₂e)" always appears.

Change from 2019

New question

Response options

Please complete the following table. You are able to add rows by using the "Add Row" button at the bottom of the table.

| Industry | Metric type | Metric unit | Scope 3 portfolio emissions or alternative metric | Please explain |
|---|---|---|--|---------------------------------------|
| Select from: <ul style="list-style-type: none">● Energy● Materials● Capital Goods● Commercial & Professional Services● Transportation● Automobiles & Components● Consumer Durables & Apparel● Consumer Services● Retailing● Food & Staples Retailing● Food, Beverage & Tobacco● Household & Personal Products● Health Care Equipment & Services● Pharmaceuticals, Biotechnology & Life Sciences● Banks● Diversified Financials● Insurance● Software & Services● Technology Hardware & Equipment● Semiconductors & Semiconductor Equipment● Telecommunication Services● Media & Entertainment● Utilities● Real Estate● Other, please specify | Select from: <ul style="list-style-type: none">● Total carbon absolute emissions (CO2e)● [Drop-down options created from your response to C-FS14.1b] | Select from: <ul style="list-style-type: none">● Metric tons CO2e● CO2e/\$M revenue● CO2e/\$M invested● \$M portfolio value● Percentage portfolio value● Other, please specify | Numerical field [enter a range of 0-999,999,999,999 using a maximum of 2 decimal places and no commas] | Text field [maximum 2,400 characters] |

[Add Row]

(C-FS14.2c) Break down your organization’s Scope 3 portfolio impact by country/region.

Question dependencies

- This question only appears if you select “Yes, by country/region” in C-FS14.2.
- The drop-down list in column 2 is determined by your response in column 1 in question C-FS14.1b. The option “Total carbon absolute emissions (CO2e)” always appears.

Change from 2019

New question

Response options

Please complete the following table. You are able to add rows by using the “Add Row” button at the bottom of the table.

| Country/Region | Metric type | Metric unit | Scope 3 portfolio emissions or alternative metric | Please explain |
|--|---|---|--|---------------------------------------|
| Select from: <ul style="list-style-type: none">● Select from a drop-down list of countries and regions. Please see the Technical Note “Country and Regions”, for details around the available regions and their constituent countries.● Other, please specify | Select from: <ul style="list-style-type: none">● Total carbon absolute emissions (CO2e)● [Drop-down options created from your response to C-FS14.1b] | Select from: <ul style="list-style-type: none">● Metric tons CO2e● CO2e/\$M revenue● CO2e/\$M invested● \$M portfolio value● Percentage portfolio value● Other, please specify | Numerical field [enter a range of 0-999,999,999,999 using a maximum of 2 decimal places and no commas] | Text field [maximum 2,400 characters] |

[Add Row]

Portfolio alignment

(C-FS14.3) Are you taking actions to align your portfolio to a well below 2-degree world?

Question dependencies

Rows in this question will be presented according to the organizational activities reported in C-FS0.7. The “Other products and services, please specify” row will always appear.

Change from 2019

New question

Response options

Please complete the following table:

| Portfolio | We are taking actions to align our portfolio to a well below 2-degree world | Please explain |
|---|---|---------------------------------------|
| Bank lending (Bank) | Select from: <ul style="list-style-type: none">• Yes• No, but we plan to do so in the next two years• No• Not applicable | Text field [maximum 2,400 characters] |
| Investing (Asset manager) | | |
| Investing (Asset owner) | | |
| Insurance underwriting (Insurance company) | | |
| Other products and services, please specify | | |

(C-FS14.3a) Do you assess if your clients/investees' business strategies are aligned to a well below 2-degree world?

Question dependencies

- This question only appears if you select “Yes” in C-FS14.3.
- Rows will appear for each portfolio that you selected ‘Yes’ for in C-S14.3.

Change from 2019

New question

Response options

Please complete the following table.

| Portfolio that clients/investees belong to | We assess alignment | Please explain |
|---|--|---------------------------------------|
| Bank lending (Bank) | Select from: <ul style="list-style-type: none">• Yes, for all• Yes, for some• No, but we plan to do so in the next two years• No• Not applicable | Text field [maximum 2,400 characters] |
| Investing (Asset manager) | | |
| Investing (Asset owner) | | |
| Insurance underwriting (Insurance company) | | |
| Other products and services, please specify | | |

(C-FS14.3b) Do you encourage your clients/investees to set a science-based target?

Question dependencies

- This question only appears if you select “Yes” in C-FS14.3.
- Rows will appear for each portfolio that you selected ‘Yes’ for in C-FS14.3.

Change from 2019

New question

Response options

Please complete the following table.

| Portfolio that clients/investees belong to | We encourage clients/investees to set a science-based target | Please explain |
|---|--|---------------------------------------|
| Bank lending (Bank) | Select from: <ul style="list-style-type: none">• Yes, for all• Yes, for some• No, but we plan to do so in the next two years• No• Not applicable | Text field [maximum 2,400 characters] |
| Investing (Asset manager) | | |
| Investing (Asset owner) | | |
| Insurance underwriting (Insurance company) | | |
| Other products and services, please specify | | |

C15 Signoff

Further information

(C-FI) 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.

Change from 2019

No change

Response options

This is an open text question with a limit of 9,999 characters.

Please note that when copying from another document into the ORS, formatting is not retained.

Signoff

(C15.1) Provide details for the person that has signed off (approved) your CDP climate change response.

Change from 2019

No change (2019 C14.1)

Response options

Please complete the following table:

| Job title | Corresponding job category |
|-------------------------------------|---|
| Text field [maximum 200 characters] | <div>Select from:</div> <ul style="list-style-type: none">● Board chair● Board/Executive board● Director on board● Chief Executive Officer (CEO)● Chief Financial Officer (CFO)● Chief Operating Officer (COO)● Chief Procurement Officer (CPO)● Chief Risk Officer (CRO)● Chief Sustainability Officer (CSO)● Other C-Suite Officer● President● Business unit manager● Energy manager● Environmental, health and safety manager● Environment/Sustainability manager● Facilities manager● Process operation manager● Procurement manager● Public affairs manager● Risk manager● Other, please specify |

Terms for responding to Investors (2020 Climate Change)

These terms apply if you are submitting a response to the CDP Climate Change Questionnaire 2020 to Investors. If you are also submitting a response to Supply Chain Members the Terms for responding to Supply Chain Members (2020 Climate Change), below, will also apply.

1.DEFINITIONS

Billing Company: means the organization determined in accordance with the table at the end of these terms.

CDP: means CDP Worldwide, a charitable company registered with the Charity Commission of England and Wales (registered charity no. 1122330 and a company number 05013650). References to **we**, **our** and **us** in these terms are references to CDP and the Billing Company.

Deadline: means 26 August 2020.

Fee: means the fee set out in the table at the end of these terms, which is exclusive of any applicable taxes.

Full Version: means the version of the Questionnaire which contains all questions that are applicable to you.

Minimum Version: means the version of the Questionnaire which contains a subset of the questions included in the Full Version.

Personal Data: means data which relates to an individual who can be identified from the data, such as a person's name and job title.

Questionnaire: means the Full Version and the Minimum Version of the CDP Climate Change Questionnaire 2020.

Responding Company: means the company responding to the Questionnaire. References to **you** and **your** in these terms are references to the Responding Company.

2.PARTIES

The parties to these terms shall be CDP, the Billing Company (where the Billing Company is not CDP) and the Responding Company.

3.THESE TERMS

These are the terms that apply when you submit a response to our Questionnaire to Investors. If you do not agree to these terms, please contact us at respond@cdp.net to discuss them with us.

4.RESPONDING TO OUR QUESTIONNAIRE

General. When responding to our Questionnaire, you will be given a choice as to whether your response can be made public or whether your response is non-public. We strongly encourage you to make your response public.

Deadline for responding. You must submit your response to us using our online response system by the Deadline for your response to be eligible for scoring. If you submit your response after the Deadline but on or before 30 September 2020 (the date our online response system will close in 2020) it will not be scored and may not be included in any report, data product or other analysis.

Public responses. If you agree that your response can be made public, we may use and make it available for all purposes that we decide (whether for a fee or otherwise), including, for example, making your response available on our website, to our investor signatories and other third parties and scoring your response.

Non-public responses. If your response is non-public, we may use it only as follows:

- (a) make it available as soon as it is received by CDP to our investor signatories from time to time (as listed on our website) either directly or through Bloomberg terminals, for any use within their organizations but not for publication unless any data from your response has been anonymized or aggregated in such manner that it has the effect of being anonymized;
- (b) make it available as soon as it is received by CDP to our group companies, companies we license to operate using the CDP name and brand (for example, CDP North America, Inc and CDP Europe AISBL), our country partners, research partners, report writers and scoring partners (each from time to time):
 - (i) to score your response; and
 - (ii) for any other use within their organizations but not for publication unless any data from your response has been anonymized or aggregated in such manner that it has the effect of being anonymized.

Amending your response. You may amend a response you have submitted before the Deadline (26 August 2020). To do so you must notify us that you wish to amend your response by **20 August 2020** and you must resubmit it by the Deadline for your response to be eligible for scoring. From 21 August 2020, amendments to submitted responses can only be made by our staff and at our discretion and we may charge a fee for making them. Most such amendments to your response will be made from 2 November 2020 at the earliest. Please note that the final date for requesting an amendment is 30 November 2020 and any changes you request to your submitted response from 21 August 2020 may not be reflected in any score, report, data product or other analysis or use of your response. Please email respond@cdp.net for more information about amending your response.

Scoring of responses to the Full Version (of the Questionnaire). If you submit your response to the Full Version in English using our online response system by the Deadline, your response will be scored.

Please contact your local CDP office for information about scoring if you intend to submit your response in a language other than English.

Scoring of responses to the Minimum Version (of the Questionnaire). Responses to the Minimum Version will only be scored in certain circumstances. Please contact your local CDP office for further information.

Publication and use of scores. If you are responding to a CDP Climate Change Questionnaire for the first time you may choose for your score to be "private" but in all other cases CDP may publish your score, and use and make it available for all purposes that we decide (whether for a fee or otherwise), regardless of whether your response is public or non-public. If you choose for your score to be "private", unless you achieve an A grade in which case we may make your score public, we may only make it available to our group companies, companies we license to operate using the CDP name and brand, our country partners, research partners, report writers and scoring partners (each from time to time), in each case for any use within their organizations but not for publication. Note that if you also submit your response to Supply Chain Members it will also be available to any Supply Chain Member that has asked you to respond to the Questionnaire. For further details please see the **Terms for responding to Supply Chain Members (2020 Climate Change)**.

5.FEE

Fee. We are a not-for-profit organization and charge certain companies an annual administrative fee to enable us to maintain the disclosure system. Unless you are exempt from paying the Fee, as set out below, if you are listed, incorporated or headquartered in a country/region that is listed in the next paragraph, you are required to pay the Fee plus any applicable taxes. The Fee is payable once regardless of how many responses (climate change, forests and water security) you submit in 2020. Please note that we may charge an additional fee if you want to amend your response after the Deadline or if you submit your response after the Deadline and you would like it to be scored.

Countries/regions where the Fee applies. A Responding Company will be required to pay the Fee if it is listed, incorporated or headquartered in any one of the following countries/regions:

Algeria, Argentina, Australia, Austria, Bahamas, Bahrain, Belarus, Belgium, Bermuda, Brazil, Canada, Cayman Islands, Channel Islands, Chile, Colombia, Denmark, Egypt, Finland, France, Gabon, Germany, Hong Kong, Iceland, India, Indonesia, Iran (Islamic Republic of), Ireland, Israel, Italy, Japan, Kazakhstan, Kenya, Kuwait, Luxembourg, Malaysia, Mexico, Mongolia, Netherlands, New Zealand, Nigeria, Norway, Oman, Pakistan, Peru, Philippines, Portugal, Qatar, Russian Federation, Saudi Arabia, Singapore, South Africa, South Korea, Spain, Sweden, Switzerland, Taiwan, Thailand, Turkey, United Arab Emirates, the UK or the USA.

Exemptions from the Fee. A Responding Company is exempt from paying the Fee if:

- (a) it falls within one of CDP's investor samples and it has not submitted a response to CDP in the last three years; or
- (b) it is responding only to CDP's supply chain request.

Please note we will decide in our absolute discretion as to whether the Fee is payable or not and we will notify you before you submit your response. A full list of companies in our investor samples is available on our website.

Payment of the Fee. You must pay the Fee by credit or debit card or request an invoice via CDP's online corporate dashboard, which must be paid within such time as set out in the invoice. Please note that you will not be able to submit your response unless you have paid the Fee, you have requested an invoice or you are exempt from paying the Fee.

6. RIGHTS IN THE RESPONSES

Ownership. All intellectual property rights in your response will be owned by you or your licensors.

License. You grant to us, or shall procure for us, a perpetual, irrevocable, non-exclusive, assignable, sub-licensable, royalty-free and global license to use your response and any copyright and data base rights in your response for the uses set out in these terms.

7. IMPORTANT REPRESENTATIONS

You confirm that:

- (a) the person submitting the response to us is authorized by you to submit the response;
- (b) you have obtained all necessary consents and permissions to submit the response to us; and
- (c) the response that you submit:
 - (i) does not infringe the rights of any third party (including privacy, publicity or intellectual property rights);
 - (ii) does not defame any third party; and
 - (iii) does not include any Personal Data.

8. LIABILITY

We do not exclude or limit in any way our liability to you where it would be unlawful to do so. This includes liability for death or personal injury caused by our negligence or the negligence of our employees, agents or subcontractors; for fraud or fraudulent misrepresentation.

We are not liable for business losses. Subject to these terms, CDP and the Billing Company have no liability to you in any circumstances for any loss of revenue, loss of profit, loss of business, business interruption, loss of business opportunity, loss of goodwill, loss of reputation, loss of, damage to or corruption of data or software or any indirect or consequential loss or damage.

Exclusion of liability. Subject to these terms, CDP and the Billing Company have no liability to you in any circumstances arising from the content or submission of your response to us, our use of your response or your score and/or the use of your response or your score by any third parties.

Limitation of liability. Subject to these terms, CDP and the Billing Company's total liability to you in all circumstances shall be limited to an amount equivalent to the Fee or to £785 if you are not required to pay the Fee.

9. GENERAL

We may transfer our rights to someone else. We may transfer our rights and obligations under these terms to another organization.

Nobody else has any rights under these terms. These terms are between you and us. No other person shall have any rights to enforce any of its terms.

Entire agreement. These terms constitute the entire agreement between you and us unless you also choose to share your response with supply chain members, in which case you will also be subject to our Terms for responding to Supply Chain Members (2020 Climate Change).

Variation. CDP (acting on its own behalf and the Billing Company's behalf, if applicable) reserves the right to change these terms at any time. Such changes shall be effective immediately or such other time as CDP elects. In the event of any materially adverse changes, you may request to withdraw your response within 30 days of us notifying you of the change.

If a court finds part of these terms illegal, the rest will continue in force.Each of the paragraphs of these terms operates separately. If any court or relevant authority decides that any of them are unlawful, the remaining paragraphs will remain in full force and effect.

Governing law and jurisdiction. These terms are governed by English law and you and us both agree to the exclusive jurisdiction of the English courts to resolve any dispute or claim arising out of or in connection with these terms or their subject matter or formation.

Language. If these terms are translated into any language other than English, the English language version will prevail.

10.AMOUNT OF FEE

| Location of Responding Company | Fee (exclusive of any applicable taxes) |
|--------------------------------|---|
| Brazil | BRL 4,000 |
| India | INR 67,000 |
| Japan | JPY 97,500 |
| UK | GBP 785 |
| Europe (excluding UK) | EUR 925 |
| Rest of the world | USD 975 |

11.BILLING COMPANY

| Billing Company | Location of Responding Company |
|---|---|
| CDP Worldwide | Algeria, Australia, Bahamas, Bahrain, Belarus, Bermuda, Cayman Islands, Channel Islands, Egypt, Gabon, Hong Kong, Indonesia, Iran (Islamic Republic of), Ireland, Israel, Kazakhstan, Kenya, Kuwait, Malaysia, Mongolia, New Zealand, Nigeria, Oman, Pakistan, Philippines, Qatar, Russian Federation, Saudi Arabia, Singapore, South Africa, South Korea, Taiwan, Thailand, Turkey, United Arab Emirates, United Kingdom |
| CDP Worldwide (Europe) gGmbH | Austria, Belgium, Denmark, Finland, France, Germany, Iceland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland |
| CDP North America, Inc | Canada, USA |
| Carbon Disclosure Project (Latin America) | Argentina, Brazil, Chile, Colombia, Mexico, Peru |
| CDP Operations India Private Limited | India |
| 一般社団法人 CDP Worldwide-Japan | Japan |

If the Responding Company is located in a territory that is not listed in the table above, the Billing Company shall be **CDP Worldwide**.

Terms for responding to Supply Chain Members (2020 Climate Change)

These terms apply if you are submitting a response to the CDP Climate Change Questionnaire 2020 to Supply Chain Members. If you are also submitting a response to Investors the Terms for responding to Investors (2020 Climate Change), above, will also apply.

1.DEFINITIONS

CDP: means CDP Worldwide, a charitable company registered with the Charity Commission of England and Wales (registered charity no. 1122330 and a company number 05013650). References to **we**", **"our"** and **"us"** in these terms are references to CDP.

Deadline: means 26 August 2020.

Full Version: means the version of the Questionnaire which contains all questions that are applicable to you.

Minimum Version: means the version of the Questionnaire which contains a subset of the questions included in the Full Version.

Personal Data: means data which relates to an individual who can be identified from the data, such as a person's name and job title.

Questionnaire: means the Full Version and the Minimum Version of the CDP Climate Change Questionnaire 2020.

Responding Company: means the company responding to the Questionnaire. References to **you**" and **"your"** in these terms are references to the Responding Company.

Supply Chain Member: means an organization that is requesting data from its suppliers.

2.PARTIES

The parties to these terms shall be CDP and the Responding Company.

3.THESE TERMS

These are the terms that apply when you submit a response to our Questionnaire to Supply Chain Members. If you do not agree to these terms, please contact us at respond@cdp.net to discuss them with us.

4.RESPONDING TO OUR QUESTIONNAIRE

General. When responding to our Questionnaire, you will be given a choice as to whether your response can be made public or whether your response is non-public. We strongly encourage you to make your response public, but in either case, we will not divulge the relationship between you and any Supply Chain Member that has asked you to respond other than to our group companies, companies we license to operate using the CDP name and brand (for example, CDP North America, Inc and CDP Europe AISBL), our country partners, research partners, report writers and scoring partners (each from time to time), all of which are obliged to keep such relationship confidential.

Deadline for responding. You must submit your response to us using our online response system by the Deadline for your response to be eligible for scoring. If you submit your response after the Deadline but on or before 30 September 2020 (the date our online response system will close in 2020) it will not be scored and may not be included in any report, data product or other analysis.

Public responses. If you agree that your response can be made public, we may use and make it available for all purposes that we decide (whether for a fee or otherwise), including, for example, making your response available on our website, to our investor signatories and other third parties and scoring your response. Note that information you submit within the Supply Chain module (2020 Climate Change) will be treated as non-public (see below for details).

Non-public responses. If your response is non-public, we may use it only as follows:

(a) make it available as soon as it is received by CDP to any Supply Chain Member that has asked you to respond to the Questionnaire for any use within their organization but not for publication unless any data from your response has been anonymized or aggregated in such manner that it has the effect of being anonymized;

(b) make it available as soon as it is received by CDP to our group companies, companies we license to use the CDP name and brand, our country partners, research partners, report writers and scoring partners (each from time to time):

(i) to score your response; and

(ii) for any other use within their organizations but not for publication unless any data from your response has been anonymized or aggregated in such manner that it has the effect of being anonymized.

Supply Chain module (2020 Climate Change).Information you submit in response to the Supply Chain module (2020 Climate Change) (questions SC0, SC1, SC2, SC3 and SC4 of the Questionnaire) will be treated as non-public even if you choose to make your response public. Questions SC1.1, SC2.1, SC2.2a, SC3.1a and SC4.2e ask you to select a Supply Chain Member using a drop-down menu in our online response system, and only the Supply Chain Member you select for each row will have access to the information in it. For all other questions in the Supply Chain module (2020 Climate Change) the information you submit will be accessible to any Supply Chain Member that has asked you to respond to the Questionnaire. All information you submit in the Supply Chain module (2020 Climate Change) will be accessible to CDP and to our group companies, companies we license to operate using the CDP name and brand, our country partners, research partners, report writers and scoring partners (each from time to time), all of which are obliged to keep such information confidential.

Amending your response. You may amend a response you have submitted before the Deadline (26 August 2020). To do so you must notify us that you wish to amend your response **by 20 August 2020** and you must resubmit it by the Deadline for your response to be eligible for scoring. From 21 August 2020, amendments to submitted responses can only be made by our staff and at our discretion and we may charge a fee for making them. Most such amendments to your response will be made from 2 November 2020 at the earliest. Please note that the final date for requesting an amendment is 30 November 2020 and any changes you request to your submitted response from 21 August 2020 may not be reflected in any score, report, data product or other analysis or use of your response. Please email respond@cdp.net for more information about amending your response.

Scoring of responses to the Full Version (of the Questionnaire).If you submit your response to the Full Version in English using our online response system by the Deadline your response will be scored.

Please contact your local CDP office for information about scoring if you intend to submit your response in a language other than English.

Scoring of responses to the Minimum Version (of the Questionnaire).Responses to the Minimum Version will only be scored in certain circumstances. Please contact your local CDP office for further information.

Publication of scores. Unless you achieve an A grade, in which case we may make your score public, we may only make your score available to any Supply Chain Member that has asked you to respond to the Questionnaire, our group companies, companies we license to operate using the CDP name and brand, our country partners, research partners, report writers and scoring partners (each from time to time), in each case for any use within their organizations but not for publication.

5. RIGHTS IN THE RESPONSES

Ownership. All intellectual property rights in your response will be owned by you or your licensors.

License. You grant to us, or shall procure for us, a perpetual, irrevocable, non-exclusive, assignable, sub-licensable, royalty-free and global license to use your response and any copyright and data base rights in your response for the uses set out in these terms.

6. IMPORTANT REPRESENTATIONS

You confirm that:

(a) the person submitting the response to us is authorized by you to submit the response;

(b) you have obtained all necessary consents and permissions to submit the response to us; and

(c) the response that you submit:

(i) does not infringe the rights of any third party (including privacy, publicity or intellectual property rights);

(ii) does not defame any third party; and

(iii) does not include any Personal Data.

7.LIABILITY

We do not exclude or limit in any way our liability to you where it would be unlawful to do so.This includes liability for death or personal injury caused by our negligence or the negligence of our employees, agents or subcontractors; for fraud or fraudulent misrepresentation.

We are not liable for business losses. Subject to these terms, CDP has no liability to you in any circumstances for any loss of revenue, loss of profit, loss of business, business interruption, loss of business opportunity, loss of goodwill, loss of reputation, loss of, damage to or corruption of data or software or any indirect or consequential loss or damage.

Exclusion of liability. Subject to these terms, CDP has no liability to you in any circumstances arising from the content or submission of your response to us, our use of your response or your score and/or the use of your response or your score by any third parties.

Limitation of liability. Subject to these terms, CDP's total liability to you in all circumstances shall be limited to £785.

8.GENERAL

We may transfer our rights to someone else. We may transfer our rights and obligations under these terms to another organization.

Nobody else has any rights under these terms. These terms are between you and us. No other person shall have any rights to enforce any of its terms.

Entire agreement. These terms constitute the entire agreement between you and us, unless you also choose to share your response with investors in which case you will also be subject to our Terms for responding to Investors (2020 Climate Change).

Variation. CDP reserves the right to change these terms at any time. Such changes shall be effective immediately or such other time as CDP elects. In the event of any materially adverse changes, you may request to withdraw your response within 30 days of us notifying you of the change.

If a court finds part of these terms illegal, the rest will continue in force. Each of the paragraphs of these terms operates separately. If any court or relevant authority decides that any of them are unlawful, the remaining paragraphs will remain in full force and effect.

Governing law and jurisdiction. These terms are governed by English law and you and us both agree to the exclusive jurisdiction of the English courts to resolve any dispute or claim arising out of or in connection with these terms or their subject matter or formation.

Language. If these terms are translated into any language other than English, the English language version will prevail.

About CDP

CDP is an international non-profit that drives companies and governments to reduce their greenhouse gas emissions, safeguard water resources and protect forests.

Voted number one climate research provider by investors and working with institutional investors with assets of US\$96 trillion, we leverage investor and buyer power to motivate companies to disclose and manage their environmental impacts.

Please visit www.cdp.net or follow us @CDP to find out more.

What is the legal status of CDP?

CDP Worldwide (CDP) is a UK Registered Charity no. 1122330 and a company limited by guarantee registered in England no. 05013650. The charity has wholly owned subsidiaries in Germany and China and companies in Australia, Brazil and India over which it exercises control through majority Board representation. In the US, CDP North America, Inc. is an independently incorporated affiliate which has United States IRS 501(c)(3) charitable status.

Supported by

