

CDP Question Changes and Map: 2018 to 2019

CDP Climate Change Questionnaire



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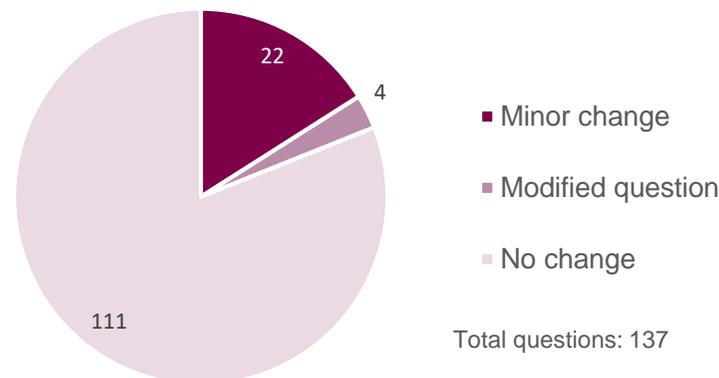
1. Introduction

Developments to our questionnaires reflect and drive best practice, and improve both data quality and the disclosure experience. Following the extensive changes in 2018, CDP has stabilized existing questionnaires for 2019 as much as possible.

This document includes two tables:

- ▼ The first indicates where 2019 questions differ from the 2018 questionnaire, due to a minor change, modification, or a development.
- ▼ The second sets out the structure of the 2019 questionnaire, shows which questions form the minimum version of the questionnaire, and indicates the linkages between questions. It presents a list of the modules and questions.

The 2019 climate change questionnaire, including sector questions and the reporting guidance, can be viewed at www.cdp.net/en/guidance.



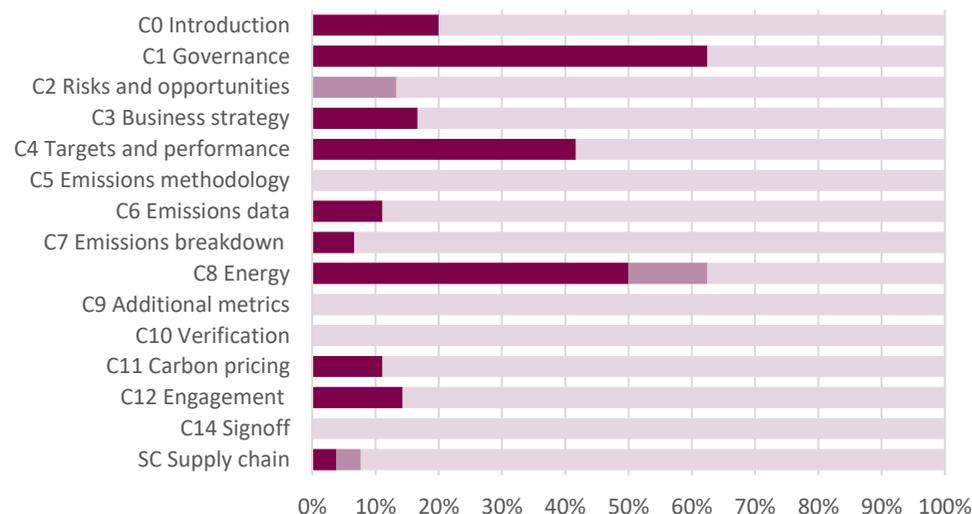
Summary of 2019 changes to the general questionnaire

97% of the questions in the 2019 climate change questionnaire have either no change or minor changes. Four of the questions are modified from their 2018 counterparts. Note that one question from the 2018 full version questionnaire will now also appear in the minimum version.

The figures opposite show the magnitude of changes within each module.

Summary of 2019 changes to sector specific questions

Three questions have been removed from the cement (CE) sector questionnaire, as well as other changes detailed below.



2019 Changes: climate change

2. 2018 to 2019 changes

This table indicates where the questionnaire has been revised based on the 2018 questionnaire. (Note: revisions to character limits are not listed here).

Question no.	Question text	Revisions from 2018	Details and Rationale for revisions
C0 Introduction			
C0.3	Select the countries/regions for which you will be supplying data.	Minor change • Column 1	<ul style="list-style-type: none"> Removed drop-down option: "<i>Other, please specify</i>".
C-OG0.7	Which part of the oil and gas value chain and other areas does your organization operate in?	Minor change	<ul style="list-style-type: none"> New drop-down option: "Midstream". This has been added as an oil and gas value chain option. This will result in more targeted questions appearing for companies with only midstream oil and gas activities. (Questions C-OG9.3a, C-OG9.3b, C-OG9.3c and C-OG9.3d will not appear for companies that select "<i>Midstream</i>").
C1 Governance			
C1.1a	Identify the position(s) (do not include any names) of the individual(s) on the board with responsibility for climate-related issues.	Minor change • Column 1 Modified guidance	<ul style="list-style-type: none"> Removed drop-down option: "<i>Board/Executive board</i>". New drop-down option: "<i>Board-level committee</i>". Rewording: Question text changed to include "<i>(do not include any names)</i>". The requested content for "<i>Please explain</i>" column has been modified.
C1.2	Provide the highest management-level position(s) or committee(s) with responsibility for climate-related issues.	Minor change Added to minimum version	<ul style="list-style-type: none"> Rewording: Question text changed to remove "<i>Below board-level</i>". This question will now also be presented to organizations responding to the minimum version of the questionnaire.
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).	Minor change	<ul style="list-style-type: none"> Rewording: Question text has been reworded to highlight that no names should be included in this response.
C1.3	Do you provide incentives for the management of climate-related issues, including the attainment of targets?	Minor change	<ul style="list-style-type: none"> Added functionality: Companies can now comment on their selection using the 'speech bubble' functionality.

Question no.	Question text	Revisions from 2018	Details and Rationale for revisions
C1.3a	Provide further details on the incentives provided for the management of climate-related issues (do not include the names of individuals).	Minor change <ul style="list-style-type: none"> Column 1 	<ul style="list-style-type: none"> Rewording: Question text changed to include “(do not include names of individuals)”. Removed drop-down option: “There are no incentives provided for the management of climate-related issues”.
C2 Risks and opportunities			
C2.2c	Which of the following risk types are considered in your organization's climate-related risk assessments?	Modified guidance	<ul style="list-style-type: none"> The requested content for “Please explain” column has been clarified.
C2.2d	Describe your process(es) for managing climate-related risks and opportunities.	Modified guidance	<ul style="list-style-type: none"> The requested content for this question has been clarified.
C2.3a	Provide details of risks identified with the potential to have a substantive financial or strategic impact on your business.	Modified question <ul style="list-style-type: none"> Columns 2, 5, 10, 12, 13 Modified guidance	<ul style="list-style-type: none"> New drop-down option: “Investment chain”. New drop-down options: “Increased credit risk (e.g., increased probability of default and/or loss given default)” and “Increased insurance claims liability arising from climate-related impacts”. Rewording: The column header “Type of financial impact driver” has been renamed to “Type of financial impact”. New columns: “Are you able to provide a potential financial impact figure?”, “Potential financial impact figure – minimum (currency)”, “Potential financial impact figure – maximum (currency)” to enable companies to report a single estimate, a range or no financial impact figure. The requested content for “Management method” column has been modified.
C2.4a	Provide details of opportunities identified with the potential to have a substantive financial or strategic impact on your business.	Modified question <ul style="list-style-type: none"> Columns 2, 5, 10, 12, 13 Modified guidance	<ul style="list-style-type: none"> New drop-down option: “Investment chain”. Rewording: The column header “Type of financial impact driver” has been renamed to “Type of financial impact”. New columns: “Are you able to provide a potential financial impact figure?”, “Potential financial impact figure – minimum (currency)”, “Potential financial impact figure – maximum (currency)” to enable companies to report a single estimate, a range or no financial impact figure. The requested content for “Strategy to realize opportunity” column has been modified.
C2.5	Describe where and how the identified risks and opportunities have impacted your business.	Modified guidance	<ul style="list-style-type: none"> The requested content for this question has been clarified.
C2.6	Describe where and how the identified risks and opportunities have been factored into your financial planning process.	Modified guidance	<ul style="list-style-type: none"> The requested content for this question has been clarified.
C3 Business strategy			
C3.1d	Provide details of your organization's use of climate-related scenario analysis.	Minor change <ul style="list-style-type: none"> Column 1 	<ul style="list-style-type: none"> Added functionality: The column ‘Climate-related scenarios’ now allows companies that have conducted scenario analysis using different scenarios simultaneously or collectively to select all the applicable scenarios that were used in that scenario analysis. New drop-down options: “RCP 4.5”, “RCP 6”, “RCP 8.5”, “IEA NPS”, “IEA CPS”, “BNEF NEO”, “REMIND”, “MESSAGE-GLOBIOM”.
C4 Targets and performance			

Question no.	Question text	Revisions from 2018	Details and Rationale for revisions
C4.1a	Provide details of your absolute emissions target(s) and progress made against those targets.	Minor change <ul style="list-style-type: none"> Column 4, 10, 11 	<ul style="list-style-type: none"> Rewording: The column header "<i>% reduction from base year</i>" has been renamed to "<i>Targeted % reduction from base year</i>". Rewording: The column header "<i>% achieved (emissions)</i>" has been renamed to "<i>% of target achieved</i>". New drop-down options: "<i>Achieved</i>", "<i>Revised</i>". These additional options allow companies to select the target status most applicable to their target and provide data-users with more accurate information.
C4.1b	Provide details of your emissions intensity target(s) and progress made against those target(s).	Minor change <ul style="list-style-type: none"> Column 4, 11, 12 	<ul style="list-style-type: none"> Rewording: The column header "<i>% reduction from baseline year</i>" has been renamed to "<i>Targeted % reduction from base year</i>". Rewording: The column header "<i>% achieved (emissions)</i>" has been renamed to "<i>% of target achieved</i>". New drop-down options: "<i>Achieved</i>", "<i>Revised</i>". These additional options allow companies to select the target status most applicable to their target and provide data-users with more accurate information.
C4.1c	Explain why you do not have emissions target and forecast how your emissions will change over the next five years.	Modified guidance	<ul style="list-style-type: none"> The requested content for "<i>Five-year forecast</i>" column has been clarified.
C4.2	Provide details of other key climate-related targets not already reported in question C4.1/a/b.	Minor change <ul style="list-style-type: none"> Columns 1, 10 	<ul style="list-style-type: none"> New drop-down options: "<i>Renewable electricity consumption</i>", "<i>Renewable electricity production</i>", "<i>Renewable energy target including electricity, heat, steam and cooling</i>". This differentiates between renewable energy targets that apply to electricity only and those that apply to electricity/heat/steam and cooling. New drop-down options: "<i>Achieved</i>", "<i>Revised</i>". These additional options allow companies to select the target status most applicable to their target and provide data-users with more accurate information.
C-CO4.2a	If you do not have a methane-specific emissions reduction target for your coal mining activities or do not incorporate methane into your target(s) reported in C4.2 please explain why not and forecast how your methane emissions will change over the next five years.	Minor change	<ul style="list-style-type: none"> Rewording: Minor revision made to the question text to state that if a company has not reported a methane target for their coal mining activities to explain why not.
C-OG4.2a	If you do not have a methane-specific emissions reduction target for your oil and gas activities or do not incorporate methane into your target(s) reported in C4.2 please explain why not and forecast how your methane emissions will change over the next five years.	Minor change	<ul style="list-style-type: none"> Rewording: Minor revision made to the question text to state that if a company has not reported a methane target for their oil and gas activities to explain why not.
C4.3a	Identify the total number of initiatives at each stage of development, and for those in the implementation stages, the estimated CO ₂ e savings.	Minor change	<ul style="list-style-type: none"> Rewording: Minor revision made to the question text to replace "<i>projects</i>" with "<i>initiatives</i>" for consistency.
C4.3b	Provide details on the initiatives implemented in the reporting year in the table below.	Minor change <ul style="list-style-type: none"> Columns 2, 8 	<ul style="list-style-type: none"> New drop-down options: "<i>Waste recovery</i>", "<i>Wind</i>", "<i>Product design</i>", "<i>Behavioral change</i>". New drop-down option: "<i>No payback</i>". This has been added for reporting initiatives that have no associated payback period.
C-CO4.6	Describe your organization's efforts to reduce methane emissions from your activities.	Minor change	<ul style="list-style-type: none"> Rewording: Question text revised with the removal of "<i>coal mining</i>". This clarifies that companies can report efforts to reduce methane emissions across the coal value chain.
C-EU4.6	Describe your organization's efforts to reduce methane emissions from your activities.	Minor change	<ul style="list-style-type: none"> Rewording: Question text revised with the removal of "<i>electricity generation</i>". This clarifies that companies can report efforts to reduce methane emissions across the electric utility value chain.

Question no.	Question text	Revisions from 2018	Details and Rationale for revisions
C-OG4.6	Describe your organization's efforts to reduce methane emissions from your activities.	Minor change	<ul style="list-style-type: none"> Rewording: Question text revised with the removal of "oil and gas production" to clarify that companies can report efforts to reduce methane emissions across the oil and gas value chain.
C5 Emissions methodology			
No change			
C6 Emissions data			
C6.7a	Provide the emissions from biologically sequestered carbon relevant to your organization in metric tons CO ₂ .	Minor change <ul style="list-style-type: none"> Column 2 	<ul style="list-style-type: none"> New column: "Comment". This has been added to provide companies with the option to report indirect emissions from biologically sequestered carbon, if applicable.
C6.10	Describe your gross global combined Scope 1 and 2 emissions for the reporting year in metric tons CO ₂ e per unit currency total revenue and provide any additional intensity metrics that are appropriate to your business operations.	Modified guidance	<ul style="list-style-type: none"> It is now requested that you first report your emissions intensity figure per unit of currency total revenue.
C-OG6.13	Report your methane emissions as percentages of natural gas and hydrocarbon production or throughput.	Minor change <ul style="list-style-type: none"> Column 1 	<ul style="list-style-type: none"> New drop-down option: "Midstream".
C7 Emissions breakdown			
C7.1	Does your organization break down its Scope 1 emissions by greenhouse gas type?	Minor change	<ul style="list-style-type: none"> Rewording: Question text revised to improve clarity regarding the requested information, however there is no change to the information being requested.
C-OG7.1b	Break down your total gross global Scope 1 emissions from oil and gas value chain production activities by greenhouse gas type.	Modified question <ul style="list-style-type: none"> Columns 1, 2, 3 	<ul style="list-style-type: none"> The list of emissions categories in Column 1 has been shortened down to: "Combustion (excluding flaring)", "Flaring", "Venting", "Fugitives", "Process (feedstock) emissions". New columns: "Value Chain", "Product". These columns reduce the reporting effort and allows more flexibility in reporting emissions breakdowns in the oil and gas sector.
C7.3b	Break down your total gross global Scope 1 emissions by business facility.	Modified guidance	<ul style="list-style-type: none"> Additional guidance has been provided on how to report emissions breakdowns for non-stationary sources.
C7.6b	Break down your total gross global Scope 2 emissions by business division.	Modified guidance	<ul style="list-style-type: none"> Additional guidance has been provided on how to report emissions breakdowns for non-stationary sources.
C8 Energy			
8.2a	Report your organization's energy consumption totals (excluding feedstocks) in MWh.	Minor change <ul style="list-style-type: none"> Column 2 	<ul style="list-style-type: none"> New drop-down option: "Unable to confirm heating value".
C-CE8.2a	Report your organization's energy consumption totals (excluding feedstocks) for cement production activities in MWh.	Minor change <ul style="list-style-type: none"> Column 2 	<ul style="list-style-type: none"> New drop-down option: "Unable to confirm heating value".
C-CH8.2a	Report your organization's energy consumption totals (excluding feedstocks) for chemical production activities in MWh.	Minor change <ul style="list-style-type: none"> Column 2 	<ul style="list-style-type: none"> New drop-down option: "Unable to confirm heating value".
C-MM8.2a	Report your organization's energy consumption totals (excluding feedstocks) for metals and mining production activities in MWh.	Minor change <ul style="list-style-type: none"> Column 2 	<ul style="list-style-type: none"> New drop-down option: "Unable to confirm heating value".
C-ST8.2a	Report your organization's energy consumption totals (excluding feedstocks) for steel production activities in MWh.	Minor change <ul style="list-style-type: none"> Column 2 	<ul style="list-style-type: none"> New drop-down option: "Unable to confirm heating value".
C8.2b	Select the applications of your organization's consumption of fuel.	Minor change <ul style="list-style-type: none"> Row 2 	<ul style="list-style-type: none"> The option "Consumption of fuel for the generation of heat" has been added to the column "Fuel application".
C8.2c	State how much fuel in MWh your organization has consumed (excluding feedstocks) by fuel type.	Minor change <ul style="list-style-type: none"> Columns 2, 9 	<ul style="list-style-type: none"> New drop-down option: "Unable to confirm heating value".

Question no.	Question text	Revisions from 2018	Details and Rationale for revisions
			<ul style="list-style-type: none"> New column: '<i>Comment</i>'. This column has been added to allow companies to provide additional relevant information on the methods or assumptions used to determine the breakdown of fuel consumed for self-generation.
C-CE8.2c	State how much fuel in MWh your organization has consumed (excluding feedstocks) by fuel for cement production activities.	Minor change <ul style="list-style-type: none"> Column 2 	<ul style="list-style-type: none"> New drop-down option: "<i>Unable to confirm heating value</i>".
C8.2d	List the average emission factors of the fuels reported in C8.2c.	Minor change <ul style="list-style-type: none"> Column 3 Modified guidance	<ul style="list-style-type: none"> New drop-down options: "<i>kg CO₂e per kWh</i>", "<i>kg CO₂ per kWh</i>". Additional guidance has been provided for companies that have reported more than one fuel as "<i>Other, please specify</i>" in question C8.2c.
C-MM8.2e	Provide details on the electricity, heat, steam, and cooling your organization has generated and consumed for metals and mining production activities.	Minor change	<ul style="list-style-type: none"> Rewording: Question text revised to clarify that this question requests information on the energy that the company has generated and consumed in the reporting year.
C8.2f	Provide details on the electricity, heat, steam, and/or cooling amounts that were accounted for at a low-carbon emission factor in the market-based Scope 2 figure reported in C6.3.	Modified question <ul style="list-style-type: none"> Column 3 	<ul style="list-style-type: none"> New column: "<i>Region of consumption of low-carbon electricity, heat, steam or cooling</i>".
C-CH8.3	Disclose details on your organization's consumption of feedstocks for chemical production activities.	Minor change <ul style="list-style-type: none"> Column 1 	<ul style="list-style-type: none"> New drop-down option: "<i>No consumption of fossil fuel feedstocks for chemical production activities</i>".
C-ST8.3	Disclose details on your organization's consumption of feedstocks for steel production activities.	Minor change <ul style="list-style-type: none"> Column 7 	<ul style="list-style-type: none"> New drop-down option: "<i>Unable to confirm heating value</i>".
C-EU8.4	Does your electric utility organization have a transmission and distribution business?	Minor change	<ul style="list-style-type: none"> Rewording: Question text revised with the removal of "<i>global</i>" to clarify that it applies to all electric utility companies that have a transmission and distribution business.
C-EU8.4a	Disclose the following information about your transmission and distribution business.	Minor change	<ul style="list-style-type: none"> Rewording: Question text revised with the removal of "<i>global</i>" to clarify that it applies to all electric utility companies that have a transmission and distribution business.
C9 Additional metrics			
C-CO9.2a	Disclose coal reserves and production by coal type attributable to your organization in the reporting year.	Minor change <ul style="list-style-type: none"> Column 6 	<ul style="list-style-type: none"> New drop-down option: "<i>Unable to confirm heating value</i>".
C-OG9.2c	Disclose your estimated total net reserves and resource base (million BOE), including the total associated with subsidiaries and equity-accounted entities.	Minor change <ul style="list-style-type: none"> Column 4 	<ul style="list-style-type: none"> New column: "<i>Comment</i>" added to allow companies to provide additional relevant information on the estimated total net reserves and resource base disclosed.
C-OG9.2d	Provide an indicative percentage split for 2P, 3P reserves, and total resource base by hydrocarbon categories.	Minor change <ul style="list-style-type: none"> Column 5 	<ul style="list-style-type: none"> New column: "<i>Comment</i>" added to allow companies to provide additional relevant information on the estimated total net reserves and resource base disclosed.
C-OG9.2e	Provide an indicative percentage split for production, 1P, 2P, 3P reserves, and total resource base by development types.	Minor change <ul style="list-style-type: none"> Column 7 	<ul style="list-style-type: none"> New column: "<i>Comment</i>" added to allow companies to provide additional relevant information on the estimated total net reserves and resource base disclosed.
C-CE9.3a	Report your organization's split between white and grey cement production.	Removed	<ul style="list-style-type: none"> Question removed: Questions C-CE9.3a, C-CE9.3b and C-CE9.3c have been removed from the 2019 cement questionnaire.
C-CE9.3b	Report your organization's clinker production and capacity percentage figures by kiln type.	Removed	<ul style="list-style-type: none"> Question removed: Questions C-CE9.3a, C-CE9.3b and C-CE9.3c have been removed from the 2019 cement questionnaire.
C-CE9.3c	Report your organization's cement-related production outputs and capacities by product.	Removed	<ul style="list-style-type: none"> Question removed: Questions C-CE9.3a, C-CE9.3b and C-CE9.3c have been removed from the 2019 cement questionnaire.

Question no.	Question text	Revisions from 2018	Details and Rationale for revisions
C-MM9.3a	Provide details on the commodities relevant to the mining production activities of your organization.	Modified question <ul style="list-style-type: none"> Column 7 	<ul style="list-style-type: none"> New column: "Scope 2 emissions approach". This has been added in alignment with the GHG Protocol which requires that companies label Scope 2 emissions according to the approach used.
C-MM9.3b	Provide details on the commodities relevant to the metals production activities of your organization.	Modified question <ul style="list-style-type: none"> Column 7 	<ul style="list-style-type: none"> New column: "Scope 2 emissions approach". This has been added in alignment with the GHG Protocol which requires that companies label Scope 2 emissions according to the approach used.
C-CO9.6/C-U9.6/C-OG9.6	Disclose your investments in low-carbon research and development (R&D), equipment, products, and services.	Minor change <ul style="list-style-type: none"> Column 7 	<ul style="list-style-type: none"> New drop-down options: "0-20%", "21-40%", "41-60%", "61-80%", "81-100%".
C10 Verification			
No change			
C11 Carbon pricing			
C11.2a	Provide details of the project-based carbon credits originated or purchased by your organization in the reporting period.	Minor change <ul style="list-style-type: none"> Column 4 	<ul style="list-style-type: none"> New drop-down options: "ACR (American Carbon Registry)", "Emissions Reduction Fund of the Australian Government".
C12 Engagement			
C12.1b	Give details of your climate-related engagement strategy with your customers.	Minor change <ul style="list-style-type: none"> Column 3 	<ul style="list-style-type: none"> Rewording: Column "Size of engagement" has been changed to "% of customers by number".
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).	Modified question <ul style="list-style-type: none"> Columns 1, 4, 6 	<ul style="list-style-type: none"> New drop-down options: "In mainstream reports, in line with the CDSB framework (as amended to incorporate the TCFD recommendations)", "In mainstream reports, incorporating the TCFD recommendations". Removed drop-down options: "In mainstream reports in accordance with TCFD recommendations", "In mainstream reports, in line with CDSB framework", "In mainstream reports, in accordance with TCFD recommendation AND in line with CDSB framework". New column: "Page/Section reference". This column has been reintroduced for companies to identify the page(s) and section(s) of their attached report that refers to climate change and GHG emissions performance. New column "Comment".
C13 Other land management impacts			
No change			
C14 Signoff			
No change			
Supply Chain: Introduction			
SC1.1	Allocate your emissions to your customers listed below according to the goods or services you have sold them in this reporting period.	Modified question <ul style="list-style-type: none"> Columns 2, 3 	<ul style="list-style-type: none"> New columns: "Allocation level" and "Allocation level detail".
Supply chain: Product (Goods and Services) Level Data			
SC4.1	Are you providing product level data for your organization's goods or services?	Minor change	<ul style="list-style-type: none"> Reworded: The question text has been revised as reporting to this question is now done solely through the ORS.

3. 2019 map

Indicates the structure of the questionnaire and the linkages between questions.

Module no.	Module	Section	Question no.	2019 question text	Linked questions	Minimum version	TCFD
C0	Introduction	Introduction	C0.1	Give a general description and introduction to your organization.		Yes	No
C0	Introduction	Reporting Year	C0.2	State the start and end date of the year for which you are reporting data.		Yes	No
C0	Introduction	Country list	C0.3	Select the countries/regions for which you will be supplying data.		Yes	No
C0	Introduction	Currency	C0.4	Select the currency used for all financial information disclosed throughout your response.		Yes	No
C0	Introduction	Reporting boundary	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 consolidation approach to your Scope 1 and Scope 2 greenhouse gas inventory.		No	No
C0	Introduction	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?	C-AC0.6a/C-FB0.6a/C-PF0.6a; C-AC0.6b/C-FB0.6b/C-PF0.6b; C-AC0.6c/C-FB0.6c/C-PF0.6c; C-AC0.6d/C-FB0.6d/C-PF0.6d; C-AC0.6e/C-FB0.6e/C-PF0.6e; C-AC0.6f/C-FB0.6f/C-PF0.6f; C-AC0.6g/C-FB0.6g/C-PF0.6g; C-AC7.4/C-FB7.4/C-PF7.4	No	No
C0	Introduction	Business activities emissions relevancy	C-AC0.6a/C-FB0.6a/C-PF0.6a	Why are agricultural/forestry activities not relevant to your current CDP climate change disclosure?	C-AC0.6/C-FB0.6/C-PF0.6	No	No
C0	Introduction	Business activities emissions relevancy	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?	C-AC0.6/C-FB0.6/C-PF0.6	No	No
C0	Introduction	Business activities emissions relevancy	C-AC0.6c/C-FB0.6c/C-PF0.6c	Why are processing/manufacturing activities not relevant to your current CDP climate change disclosure?	C-AC0.6/C-FB0.6/C-PF0.6	No	No
C0	Introduction	Business activities emissions relevancy	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?	C-AC0.6/C-FB0.6/C-PF0.6	No	No
C0	Introduction	Business activities emissions relevancy	C-AC0.6e/C-FB0.6e/C-PF0.6e	Why are distribution activities not relevant to your current CDP climate change disclosure?	C-AC0.6/C-FB0.6/C-PF0.6	No	No
C0	Introduction	Business activities	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?	C-AC0.6/C-FB0.6/C-PF0.6	No	No

Module no.	Module	Section	Question no.	2019 question text	Linked questions	Minimum version	TCFD
		emissions relevancy					
C0	Introduction	Business activities emissions relevancy	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?	C-AC0.6/C-FB0.6/C-PF0.6	No	No
C0	Introduction	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.		No	No
C0	Introduction	Organizational activities: Cement	C-CE0.7	Which part of the concrete value chain does your organization operate in?	C-CE4.9	No	No
C0	Introduction	Organizational activities: Chemicals	C-CH0.7	Which part of the chemicals value chain does your organization operate in?		No	No
C0	Introduction	Organizational activities: Coal	C-CO0.7	Which part of the coal value chain and other areas does your organization operate in?		No	No
C0	Introduction	Organizational activities: Electric utilities	C-EU0.7	Which part of the electric utilities value chain does your organization operate in? Select all that apply.	C-EU4.6	No	No
C0	Introduction	Organizational activities: Metals & Mining	C-MM0.7	Which part of the metals and mining value chain does your organization operate in?	C-MM9.3a; C-MM9.3b	No	No
C0	Introduction	Organizational activities: Oil and Gas	C-OG0.7	Which part of the oil and gas value chain and other areas does your organization operate in?	C-OG9.2a; C-OG9.2b; C-OG9.2c; C-OG9.2d; C-OG9.2e; C-OG9.3a; C-OG9.3b; C-OG9.3c; C-OG9.3e; C-OG9.7; C-OG9.8	No	No
C0	Introduction	Organizational activities: Steel	C-ST0.7	Which parts of the steel value chain does your organization operate in?	C-ST4.9; C-ST9.3a	No	No
C0	Introduction	Organizational activities: Transport modes	C-TO0.7/C-TS0.7	For which transport modes will you be providing data?	C-TS8.2h	No	No
C1	Governance	Board oversight	C1.1	Is there board-level oversight of climate-related issues within your organization?	C1.1a; C1.1b; C1.1c	Yes	No
C1	Governance	Board oversight	C1.1a	Identify the position(s) (do not include any names) of the individual(s) on the board with responsibility for climate-related issues.	C1.1	No	No
C1	Governance	Board oversight	C1.1b	Provide further details on the board's oversight of climate-related issues.	C1.1	No	Yes
C1	Governance	Board oversight	C1.1c	Why is there no board-level oversight of climate-related issues and what are your plans to change this in the future?	C1.1	Yes	No
C1	Governance	Below board-level responsibility	C1.2	Provide the highest management-level position(s) or committee(s) with responsibility for climate-related issues.	C1.2a	Yes	Yes
C1	Governance	Below board-level responsibility	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).	C1.2	No	Yes
C1	Governance	Employee incentives	C1.3	Do you provide incentives for the management of climate-related issues, including the attainment of targets?	C1.3a	Yes	No
C1	Governance	Employee incentives	C1.3a	Provide further details on the incentives provided for the management of climate-related issues (do not include the names of individuals).	C1.3	No	No

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C2	Risks and opportunities	Time horizons	C2.1	Describe what your organization considers to be short-, medium- and long-term horizons.		No	Yes
C2	Risks and opportunities	Management processes	C2.2	Select the option that best describes how your organization's processes for identifying, assessing, and managing climate-related issues are integrated into your overall risk management.	C2.2a; C2.2b; C2.2c; C2.2d; C2.2e	Yes	Yes
C2	Risks and opportunities	Management processes	C2.2a	Select the options that best describe your organization's frequency and time horizon for identifying, and assessing climate-related risks.	C2.2	No	No
C2	Risks and opportunities	Management processes	C2.2b	Provide further details on your organization's process(es) for identifying and assessing climate-related risks.	C2.2	No	Yes
C2	Risks and opportunities	Management processes	C2.2c	Which of the following risk types are considered in your organization's climate-related risk assessments?	C2.2	No	Yes
C2	Risks and opportunities	Management processes	C2.2d	Describe your process(es) for managing climate-related risks and opportunities.	C2.2	No	Yes
C2	Risks and opportunities	Management processes	C2.2e	Why does your organization not have a process in place for identifying, assessing, and managing climate-related risks and opportunities, and do you plan to introduce such a process in the future?	C2.2	Yes	No
C2	Risks and opportunities	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?	C2.3a; C2.3b	Yes	Yes
C2	Risks and opportunities	Risk disclosure	C2.3a	Provide details of risks identified with the potential to have a substantive financial or strategic impact on your business.	C2.3	Yes	Yes
C2	Risks and opportunities	Risk disclosure	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?	C2.3	Yes	No
C2	Risks and opportunities	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?	C2.4a; C2.4b	Yes	Yes
C2	Risks and opportunities	Opportunity disclosure	C2.4a	Provide details of opportunities identified with the potential to have a substantive financial or strategic impact on your business.	C2.4	Yes	Yes
C2	Risks and opportunities	Opportunity disclosure	C2.4b	Why do you not consider your organization to have climate-related opportunities?	C2.4	Yes	No
C2	Risks and opportunities	Business impact assessment	C2.5	Describe where and how the identified risks and opportunities have impacted your business.		No	Yes
C2	Risks and opportunities	Financial planning assessment	C2.6	Describe where and how the identified risks and opportunities have been factored into your financial planning process.		No	Yes
C3	Business strategy	Business strategy	C3.1	Are climate-related issues integrated into your business strategy?	C3.1a; C-AC3.1b/C-CE3.1b/C-CH3.1b/C-CO3.1b/C-EU3.1b/C-FB3.1b/C-MM3.1b/C-OG3.1b/C-PF3.1b/C-ST3.1b/C-TO3.1b/C-TS3.1b; C3.1c	Yes	Yes
C3	Business strategy	Business strategy	C3.1a	Does your organization use climate-related scenario analysis to inform your business strategy?	C3.1, C3.1d, C3.1g	No	Yes
C3	Business strategy	Business strategy	C-AC3.1b/C-CE3.1b/C-CH3.1b/C-CO3.1b/C-EU3.1b/C-FB3.1b/C-MM3.1b/C-OG3.1b/C-PF3.1b/C-ST3.1b/C-TO3.1b/C-TS3.1b	Indicate whether your organization has developed a low-carbon transition plan to support the long-term business strategy.	C3.1	No	No
C3	Business strategy	Business strategy	C3.1c	Explain how climate-related issues are integrated into your business objectives and strategy.	C3.1	No	Yes

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C3	Business strategy	Business strategy	C3.1d	Provide details of your organization's use of climate-related scenario analysis.	C3.1a	No	Yes
C3	Business strategy	Business strategy	C-AC3.1e/C-CE3.1e/C-CH3.1e/C-CO3.1e/C-EU3.1e/C-FB3.1e/C-MM3.1e/C-OG3.1e/C-PF3.1e/C-ST3.1e/C-TO3.1e/C-TS3.1e	Disclose details of your organization's low-carbon transition plan.	C-AC3.1b/C-CE3.1b/C-CH3.1b/C-CO3.1b/C-EU3.1b/C-FB3.1b/C-MM3.1b/C-OG3.1b/C-PF3.1b/C-ST3.1b/C-TO3.1b/C-TS3.1b	No	No
C3	Business strategy	Business strategy	C3.1f	Why are climate-related issues not integrated into your business objectives and strategy?	C3.1	Yes	No
C3	Business strategy	Business strategy	C3.1g	Why does your organization not use climate-related scenario analysis to inform your business strategy?	C3.1a	No	No
C4	Targets and performance	Targets	C4.1	Did you have an emissions target that was active in the reporting year?	C4.1a; C4.1b; C4.1c	Yes	Yes
C4	Targets and performance	Targets	C4.1a	Provide details of your absolute emissions target(s) and progress made against those targets.	C4.1	Yes	Yes
C4	Targets and performance	Targets	C4.1b	Provide details of your emissions intensity target(s) and progress made against those target(s).	C4.1	Yes	Yes
C4	Targets and performance	Targets	C4.1c	Explain why you do not have an emissions target, and forecast how your emissions will change over the next five years.	C4.1	Yes	No
C4	Targets and performance	Other climate-related targets	C4.2	Provide details of other key climate-related targets not already reported in question C4.1/a/b.		Yes	Yes
C4	Targets and performance	Other climate-related targets	C-CO4.2a	If you do not have a methane-specific emissions reduction target for your coal mining activities or do not incorporate methane into your target(s) reported in C4.2 please explain why not and forecast how your methane emissions will change over the next five years.	C4.2	No	No
C4	Targets and performance	Other climate-related targets	C-OG4.2a	If you do not have a methane-specific emissions reduction target for your oil and gas activities or do not incorporate methane into your target(s) reported in C4.2 please explain why not and forecast how your methane emissions will change over the next five years.	C4.2	No	No
C4	Targets and performance	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.	C4.3a; C4.3b; C4.3c; C4.3d	Yes	No
C4	Targets and performance	Emissions reduction initiatives	C4.3a	Identify the total number of initiatives at each stage of development, and for those in the implementation stages, the estimated CO ₂ e savings.	C4.3	No	No
C4	Targets and performance	Emissions reduction initiatives	C4.3b	Provide details on the initiatives implemented in the reporting year in the table below.	C4.3	Yes	No
C4	Targets and performance	Emissions reduction initiatives	C4.3c	What methods do you use to drive investment in emissions reduction activities?	C4.3	No	No
C4	Targets and performance	Emissions reduction initiatives	C4.3d	Why did you not have any emissions reduction initiatives active during the reporting year?	C4.3	Yes	No
C4	Targets and performance	Land management practices	C-AC4.4/C-FB4.4/C-PF4.4	Do you implement any agricultural or forest management practices on your own land with climate change mitigation and/or adaptation benefits?	C-AC4.4a/C-FB4.4a/C-PF4.4a; C-AC13.1/ C-FB13.1/C-PF13.1	No	No

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C4	Targets and performance	Land management practices	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.	C-AC4.4/C-FB4.4/C-PF4.4	No	No
C4	Targets and performance	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?	C4.5a	No	No
C4	Targets and performance	Low-carbon products	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.	C4.5	No	No
C4	Targets and performance	Methane reduction efforts	C-CO4.6	Describe your organization's efforts to reduce methane emissions from your activities.		No	No
C4	Targets and performance	Methane reduction efforts	C-EU4.6	Describe your organization's efforts to reduce methane emissions from your activities.	C-EU0.7	No	No
C4	Targets and performance	Methane reduction efforts	C-OG4.6	Describe your organization's efforts to reduce methane emissions from your activities.		No	No
C4	Targets and performance	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?	C-CO4.7a; C-CO4.7b	No	No
C4	Targets and performance	Leak detection and repair	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?	C-OG4.7a; C-OG4.7b	No	No
C4	Targets and performance	Leak detection and repair	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.	C-CO4.7	No	No
C4	Targets and performance	Leak detection and repair	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.	C-OG4.7	No	No
C4	Targets and performance	Leak detection and repair	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.	C-CO4.7	No	No
C4	Targets and performance	Leak detection and repair	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.	C-OG4.7	No	No
C4	Targets and performance	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.		No	No
C4	Targets and performance	Flaring reduction efforts	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.		No	No
C4	Targets and performance	Best available techniques: Cement	C-CE4.9	Disclose your organization's best available techniques as a percentage of Portland cement clinker production capacity.	C-CE0.7	No	No
C4	Targets and performance	Best available techniques: Steel	C-ST4.9	Disclose your organization's best available techniques as a percentage of total plant capacity.	C-ST0.7	No	No
C5	Emissions methodology	Base year emissions	C5.1	Provide your base year and base year emissions (Scopes 1 and 2).		No	No
C5	Emissions methodology	Emissions methodology	C5.2	Select the name of the standard, protocol, or methodology you have used to collect activity data and calculate Scope 1 and Scope 2 emissions.	C5.2a	Yes	No
C5	Emissions methodology	Emissions methodology	C5.2a	Provide details of the standard, protocol, or methodology you have used to collect activity data and calculate Scope 1 and Scope 2 emissions.	C5.2	Yes	No

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C6	Emissions data	Scope 1 emissions data	C6.1	What were your organization's gross global Scope 1 emissions in metric tons CO ₂ e?		Yes	Yes
C6	Emissions data	Scope 2 emissions reporting	C6.2	Describe your organization's approach to reporting Scope 2 emissions.		Yes	No
C6	Emissions data	Scope 2 emissions data	C6.3	What were your organization's gross global Scope 2 emissions in metric tons CO ₂ e?		Yes	Yes
C6	Emissions data	Scope 2 emissions data	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?	C6.4a	No	No
C6	Emissions data	Scope 2 emissions data	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.	C6.4	No	No
C6	Emissions data	Scope 3 emissions data	C6.5	Account for your organization's Scope 3 emissions, disclosing and explaining any exclusions.		Yes	Yes
C6	Emissions data	Scope 3 emissions data: agricultural value chain	C-AC6.6/C-FB6.6/C-PF6.6	Can you break down your Scope 3 emissions by relevant business activity area?	C-AC6.6a/C-FB6.6a/C-PF6.6a; C-AC6.6b/C-FB6.6b/C-PF6.6b	No	No
C6	Emissions data	Scope 3 emissions data: agricultural value chain	C-AC6.6a/C-FB6.6a/C-PF6.6a	Disclose your Scope 3 emissions for each of your relevant business activity areas.	C-AC6.6/C-FB6.6/C-PF6.6	No	No
C6	Emissions data	Scope 3 emissions data: agricultural value chain	C-AC6.6b/C-FB6.6b/C-PF6.6b	Why can you not report your Scope 3 emissions by business activity area?	C-AC6.6/C-FB6.6/C-PF6.6	No	No
C6	Emissions data	Biologically sequestered carbon	C6.7	Are carbon dioxide emissions from biologically sequestered carbon relevant to your organization?	C6.7a	No	No
C6	Emissions data	Biologically sequestered carbon	C6.7a	Provide the emissions from biologically sequestered carbon relevant to your organization in metric tons CO ₂ .	C6.7	No	No
C6	Emissions data	Biogenic carbon data: agriculture	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?	C-AC6.8a/C-FB6.8a/C-PF6.8a	No	No
C6	Emissions data	Biogenic carbon data: agriculture	C-AC6.8a/C-FB6.8a/C-PF6.8a	Account for biogenic carbon data pertaining to your direct operations and identify any exclusions.	C-AC6.8/C-FB6.8/C-PF6.8	No	No
C6	Emissions data	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?	C-AC6.9a/C-FB6.9a/C-PF6.9a	No	No
C6	Emissions data	Other emissions data: agricultural commodities	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.	C-AC6.9/C-FB6.9/C-PF6.9	No	No
C6	Emissions data	Emissions intensities	C6.10	Describe your gross global combined Scope 1 and 2 emissions for the reporting year in metric tons CO ₂ e per unit currency total revenue and provide any additional intensity metrics that are appropriate to your business operations.		Yes	No
C6	Emissions data	Emissions intensities: Cement	C-CE6.11	State your organization's Scope 1 and Scope 2 emissions intensities related to cement production activities.		No	No
C6	Emissions data	Emissions intensities: Oil and gas	C-OG6.12	Provide the intensity figures for Scope 1 emissions (metric tons CO ₂ e) per unit of hydrocarbon category.		No	No

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C6	Emissions data	Emissions intensities: Oil and gas	C-OG6.13	Report your methane emissions as percentages of natural gas and hydrocarbon production or throughput.		No	No
C6	Emissions data	Emissions intensities: Steel	C-ST6.14	State your organization's emissions and energy intensities by steel production process route.		No	No
C6	Emissions data	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?		No	No
C7	Emissions breakdown	Scope 1 breakdown: GHGs	C7.1	Does your organization break down its Scope 1 emissions by greenhouse gas type?	C7.1a; C-CO7.1b; C-EU7.1b; C-OG7.1b	No	No
C7	Emissions breakdown	Scope 1 breakdown: GHGs	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).	C7.1	No	No
C7	Emissions breakdown	Scope 1 breakdown: GHGs	C-CO7.1b	Break down your total gross global Scope 1 emissions from coal mining activities in the reporting year by greenhouse gas type.	C7.1	No	No
C7	Emissions breakdown	Scope 1 breakdown: GHGs	C-EU7.1b	Break down your total gross global Scope 1 emissions from electric utilities value chain activities by greenhouse gas type.	C7.1	No	No
C7	Emissions breakdown	Scope 1 breakdown: GHGs	C-OG7.1b	Break down your total gross global Scope 1 emissions from oil and gas value chain production activities by greenhouse gas type.	C7.1	No	No
C7	Emissions breakdown	Scope 1 breakdown: country	C7.2	Break down your total gross global Scope 1 emissions by country/region.		No	No
C7	Emissions breakdown	Scope 1: business breakdowns	C7.3	Indicate which gross global Scope 1 emissions breakdowns you are able to provide.	C7.3a; C7.3b; C7.3c	No	No
C7	Emissions breakdown	Scope 1: business breakdowns	C7.3a	Break down your total gross global Scope 1 emissions by business division.	C7.3	No	No
C7	Emissions breakdown	Scope 1: business breakdowns	C7.3b	Break down your total gross global Scope 1 emissions by business facility.	C7.3	No	No
C7	Emissions breakdown	Scope 1: business breakdowns	C7.3c	Break down your total gross global Scope 1 emissions by business activity.	C7.3	No	No
C7	Emissions breakdown	Scope 1 breakdown: agriculture	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?	C-AC0.6/C-FB0.6/C-PF0.6; C-AC7.4a/C-FB7.4a/C-PF7.4a; C-AC7.4b/C-FB7.4b/C-PF7.4b; C-AC7.4c/C-FB7.4c/C-PF7.4c	No	No
C7	Emissions breakdown	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 CO ₂ e.		No	No

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C7	Emissions breakdown	Scope 1 breakdown: agriculture	C-AC7.4a/C-FB7.4a/C-PF7.4a	Select the form(s) in which you are reporting your agricultural/forestry emissions.	C-AC7.4/C-FB7.4/C-PF7.4	No	No
C7	Emissions breakdown	Scope 1 breakdown: agriculture	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.	C-AC7.4/C-FB7.4/C-PF7.4	No	No
C7	Emissions breakdown	Scope 1 breakdown: agriculture	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.	C-AC7.4/C-FB7.4/C-PF7.4	No	No
C7	Emissions breakdown	Scope 2 breakdown: country	C7.5	Break down your total gross global Scope 2 emissions by country/region.		No	No
C7	Emissions breakdown	Scope 2: business breakdowns	C7.6	Indicate which gross global Scope 2 emissions breakdowns you are able to provide.	C7.6a; C7.6b; C7.6c	No	No
C7	Emissions breakdown	Scope 2: business breakdowns	C7.6a	Break down your total gross global Scope 2 emissions by business division.	C7.6	No	No
C7	Emissions breakdown	Scope 2: business breakdowns	C7.6b	Break down your total gross global Scope 2 emissions by business facility.	C7.6	No	No
C7	Emissions breakdown	Scope 2: business breakdowns	C7.6c	Break down your total gross global Scope 2 emissions by business activity.	C7.6	No	No
C7	Emissions breakdown	Scope 2 breakdown: sector production activities	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 CO ₂ e.		No	No
C7	Emissions breakdown	Scope 3 breakdown	C-CH7.8	Disclose the percentage of your organization's Scope 3, Category 1 emissions by purchased chemical feedstock.		No	No
C7	Emissions breakdown	Scope 3 breakdown	C-TO7.8	Provide primary intensity metrics that are appropriate to your indirect emissions in Scope 3 Category 11: Use of sold products from transport.		No	No
C7	Emissions breakdown	Scope 3 breakdown	C-CH7.8a	Disclose sales of products that are greenhouse gases.		No	No
C7	Emissions breakdown	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?	C7.9a; C7.9b	Yes	No
C7	Emissions breakdown	Emissions performance	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.	C7.9	No	No
C7	Emissions breakdown	Emissions performance	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?	C7.9	No	No
C8	Energy	Energy spend	C8.1	What percentage of your total operational spend in the reporting year was on energy?		No	No
C8	Energy	Energy-related activities	C8.2	Select which energy-related activities your organization has undertaken.	C8.2a; C-CE8.2a; C-CH8.2a; C-MM8.2a; C-ST8.2a; C8.2b; C8.2c; C-CE8.2c; C8.2d; C8.2e; C-CE8.2e; C-CH8.2e; C-EU8.2e; C-MM8.2e; C-ST8.2e; C8.2f	Yes	No

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C8	Energy	Energy-related activities	C8.2a	Report your organization's energy consumption totals (excluding feedstocks) in MWh.	C8.2	Yes	No
C8	Energy	Energy-related activities	C-CE8.2a	Report your organization's energy consumption totals (excluding feedstocks) for cement production activities in MWh.	C8.2	No	No
C8	Energy	Energy-related activities	C-CH8.2a	Report your organization's energy consumption totals (excluding feedstocks) for chemical production activities in MWh.	C8.2	No	No
C8	Energy	Energy-related activities	C-MM8.2a	Report your organization's energy consumption totals (excluding feedstocks) for metals and mining production activities in MWh.	C8.2	No	No
C8	Energy	Energy-related activities	C-ST8.2a	Report your organization's energy consumption totals (excluding feedstocks) for steel production activities in MWh.	C8.2	No	No
C8	Energy	Energy-related activities	C8.2b	Select the applications of your organization's consumption of fuel.	C8.2; C-CE8.2c	No	No
C8	Energy	Energy-related activities	C8.2c	State how much fuel in MWh your organization has consumed (excluding feedstocks) by fuel type.	C8.2, C8.2b	No	No
C8	Energy	Energy-related activities	C-CE8.2c	State how much fuel in MWh your organization has consumed (excluding feedstocks) by fuel for cement production activities.	C8.2; C8.2b	No	No
C8	Energy	Energy-related activities	C8.2d	List the average emission factors of the fuels reported in C8.2c.	C8.2, C8.2b, C8.2c	No	No
C8	Energy	Energy-related activities	C8.2e	Provide details on the electricity, heat, steam, and cooling your organization has generated and consumed in the reporting year.	C8.2	No	No
C8	Energy	Energy-related activities	C-CE8.2e	Provide details on the electricity and heat your organization has generated and consumed for cement production activities.	C8.2	No	No
C8	Energy	Energy-related activities	C-CH8.2e	Provide details on electricity, heat, steam, and cooling your organization has generated and consumed for chemical production activities.	C8.2	No	No
C8	Energy	Energy-related activities	C-EU8.2e	For your electric utility activities, provide a breakdown of your total power plant capacity, generation, and related emissions during the reporting year by source.	C8.2	No	No
C8	Energy	Energy-related activities	C-MM8.2e	Provide details on the electricity, heat, steam, and cooling your organization has generated and consumed for metals and mining production activities.	C8.2	No	No
C8	Energy	Energy-related activities	C-ST8.2e	Provide details on the electricity, heat, steam, and cooling your organization has generated and consumed for steel production activities.	C8.2	No	No
C8	Energy	Energy-related activities	C8.2f	Provide details on the electricity, heat, steam and/or cooling amounts that were accounted for at a low-carbon emission factor in the market-based Scope 2 figure reported in C6.3.	C6.3, C8.2	No	No
C8	Energy	Energy-related activities	C-TS8.2h	Provide details on the average emission factor used for all transport movements per mode that directly source energy from the grid.	C-TS0.7	No	No
C8	Energy	Feedstock consumption: Chemicals	C-CH8.3	Disclose details on your organization's consumption of feedstocks for chemical production activities.		No	No
C8	Energy	Feedstock consumption: Steel	C-ST8.3	Disclose details on your organization's consumption of feedstocks for steel production activities.		No	No
C8	Energy	Feedstock consumption: Chemicals	C-CH8.3a	State the percentage, by mass, of primary resource from which your chemical feedstocks derive.		No	No
C8	Energy	Transmission and distribution	C-EU8.4	Does your electric utility organization have a transmission and distribution business?	C-EU8.4a	No	No
C8	Energy	Transport-related energy efficiency metrics	C-TO8.4	Provide any efficiency metrics that are appropriate for your organization's transport products and/or services.		No	No

Module no.	Module	Section	Question no.	2019 question text	Linked questions	Minimum version	TCFD
C8	Energy	Transport-related energy efficiency metrics	C-TS8.4	Provide any efficiency metrics that are appropriate for your organization's transport products and/or services.		No	No
C8	Energy	Transmission and distribution	C-EU8.4a	Disclose the following information about your transmission and distribution business.	C-EU8.4	No	No
C9	Additional metrics	Other climate-related metrics	C9.1	Provide any additional climate-related metrics relevant to your business.		No	Yes
C9	Additional metrics	Coal reserves and production	C-CO9.2a	Disclose coal reserves and production by coal type attributable to your organization in the reporting year.		No	No
C9	Additional metrics	Oil and gas production	C-OG9.2a	Disclose your net liquid and gas hydrocarbon production (total of subsidiaries and equity-accounted entities).	C-OG0.7	No	No
C9	Additional metrics	Coal resources	C-CO9.2b	Disclose coal resources by coal type attributable to your organization in the reporting year.		No	No
C9	Additional metrics	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.	C-OG0.7	No	No
C9	Additional metrics	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.	C-OG0.7	No	No
C9	Additional metrics	Oil and gas reserves split	C-OG9.2d	Provide an indicative percentage split for 2P, 3P reserves, and total resource base by hydrocarbon categories.	C-OG0.7	No	No
C9	Additional metrics	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.	C-OG0.7	No	No
C9	Additional metrics	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.		No	No
C9	Additional metrics	Chemicals production metrics	C-CH9.3a	Provide details on your organization's chemical products.		No	No
C9	Additional metrics	Coal production breakdown	C-CO9.3a	Break down the coal production attributed to your organization in the reporting year by grade.		No	No
C9	Additional metrics	Mining production metrics	C-MM9.3a	Provide details on the commodities relevant to the mining production activities of your organization.	C-MM0.7	No	No
C9	Additional metrics	Total refinery throughput	C-OG9.3a	Disclose your total refinery throughput capacity in the reporting year in thousand barrels per day.	C-OG0.7	No	No
C9	Additional metrics	Steel production and capacity	C-ST9.3a	Report your organization's steel-related consumption, production and capacity figures by steel plant.	C-ST0.7	No	No
C9	Additional metrics	Coal production by mine type	C-CO9.3b	Break down the coal production attributed to your organization in the reporting year by mine type.		No	No
C9	Additional metrics	Metals production metrics	C-MM9.3b	Provide details on the commodities relevant to the metals production activities of your organization.	C-MM0.7	No	No
C9	Additional metrics	Feedstocks used in refinery	C-OG9.3b	Disclose feedstocks processed in the reporting year in million barrels per year.	C-OG0.7	No	No
C9	Additional metrics	Steel production breakdown	C-ST9.3b	Report your organization's steel-related production outputs and capacities by product.		No	No

Module no.	Module	Section	Question no.	2019 question text	Linked questions	Minimum version	TCFD
C9	Additional metrics	Refinery products and net production	C-OG9.3c	Are you able to break down your refinery products and net production?	C-OG0.7; C-OG9.3d	No	No
C9	Additional metrics	Refinery products and net production	C-OG9.3d	Disclose your refinery products and net production in the reporting year in million barrels per year.	C-OG9.3c	No	No
C9	Additional metrics	Chemicals production	C-OG9.3e	Please disclose your chemicals production in the reporting year in thousand metric tons.	C-OG0.7	No	No
C9	Additional metrics	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.		No	No
C9	Additional metrics	CAPEX: power generation	C-EU9.5a	Break down, by source, your total planned CAPEX in your current CAPEX plan for power generation.		No	No
C9	Additional metrics	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.).		No	No
C9	Additional metrics	Low-carbon investments: Cement	C-CE9.6	Disclose your organization's low-carbon investments for cement production activities.		No	No
C9	Additional metrics	Low-carbon investments: Chemicals	C-CH9.6	Disclose your organization's low-carbon investments for chemical production activities.		No	No
C9	Additional metrics	Low-carbon investments: Coal / Electric utilities / Oil & gas	C-CO9.6/C-EU9.6/C-OG9.6	Disclose your investments in low-carbon research and development (R&D), equipment, products, and services.		No	No
C9	Additional metrics	Low-carbon investments: Metals & Mining	C-MM9.6	Disclose your organization's low-carbon investments for metals and mining production activities.		No	No
C9	Additional metrics	Low-carbon investments: Steel	C-ST9.6	Disclose your organization's low-carbon investments for steel production activities.		No	No
C9	Additional metrics	Low-carbon investments: Transport OEM / Transport services	C-TO9.6/C-TS9.6	What is your investment in research and development (R&D), equipment, products and services and which part of it would you consider a direct investment in the low-carbon transition?		No	No
C9	Additional metrics	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.	C-OG0.7	No	No
C9	Additional metrics	Transfers & sequestration of CO ₂ emissions	C-OG9.8	Is your organization involved in the sequestration of CO ₂ ?	C-OG0.7; C-OG9.8a; C-OG9.8b; C-OG9.8c	No	No
C9	Additional metrics	Transfers & sequestration of CO ₂ emissions	C-OG9.8a	Provide, in metric tons CO ₂ , gross masses of CO ₂ transferred in and out of the reporting organization (as defined by the consolidation basis).	C-OG9.8	No	No
C9	Additional metrics	Transfers & sequestration of CO ₂ emissions	C-OG9.8b	Provide gross masses of CO ₂ injected and stored for the purposes of CCS during the reporting year according to the injection and storage pathway.	C-OG9.8	No	No

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C9	Additional metrics	Transfers & sequestration of CO ₂ emissions	C-OG9.8c	Provide clarification on any other relevant information pertaining to your activities related to transfer and sequestration of CO ₂ .	C-OG9.8	No	No
C10	Verification	Verification	C10.1	Indicate the verification/assurance status that applies to your reported emissions.	C10.1a; C10.1b	No	No
C10	Verification	Verification	C10.1a	Provide further details of the verification/assurance undertaken for your Scope 1 and/or Scope 2 emissions and attach the relevant statements.	C10.1	No	No
C10	Verification	Verification	C10.1b	Provide further details of the verification/assurance undertaken for your Scope 3 emissions and attach the relevant statements.	C10.1	No	No
C10	Verification	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?	C10.2a	No	No
C10	Verification	Other verified data	C10.2a	Which data points within your CDP disclosure have been verified, and which verification standards were used?	C10.2	No	No
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)?	C11.1a; C11.1b; C11.1c; C11.1d	No	No
C11	Carbon pricing	Carbon pricing systems	C11.1a	Select the carbon pricing regulation(s) which impacts your operations.	C11.1	No	No
C11	Carbon pricing	Carbon pricing systems	C11.1b	Complete the following table for each of the emissions trading systems in which you participate.	C11.1; C11.1a	No	No
C11	Carbon pricing	Carbon pricing systems	C11.1c	Complete the following table for each of the tax systems in which you participate.	C11.1; C11.1a	No	No
C11	Carbon pricing	Carbon pricing systems	C11.1d	What is your strategy for complying with the systems in which you participate or anticipate participating?	C11.1	No	No
C11	Carbon pricing	Project-based carbon credits	C11.2	Has your organization originated or purchased any project-based carbon credits within the reporting period?	C11.2a	No	No
C11	Carbon pricing	Project-based carbon credits	C11.2a	Provide details of the project-based carbon credits originated or purchased by your organization in the reporting period.	C11.2	No	No
C11	Carbon pricing	Internal price on carbon	C11.3	Does your organization use an internal price on carbon?	C11.3a	No	No
C11	Carbon pricing	Internal price on carbon	C11.3a	Provide details of how your organization uses an internal price on carbon.	C11.3	No	No
C12	Engagement	Value chain engagement	C12.1	Do you engage with your value chain on climate-related issues?	C12.1a; C12.1b; C12.1c; C12.1d	Yes	No
C12	Engagement	Value chain engagement	C12.1a	Provide details of your climate-related supplier engagement strategy.	C12.1	No	No
C12	Engagement	Value chain engagement	C12.1b	Give details of your climate-related engagement strategy with your customers.	C12.1	No	No
C12	Engagement	Value chain engagement	C12.1c	Give details of your climate-related engagement strategy with other partners in the value chain.	C12.1	No	No
C12	Engagement	Value chain engagement	C12.1d	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?	C12.1	No	No
C12	Engagement	Agricultural supplier engagement	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?	C-AC0.6/C-FB0.6/C-PF0.6; C12.1; C-AC12.2a/C-FB12.2a/C-PF12.2a; C-AC12.2b/C-FB12.2b/C-PF12.2b; C-AC12.2c/C-FB12.2c/C-PF12.2c; C-AC13.2/ C-FB13.2 / C-PF13.2	No	No

Module no.	Module	Section	Question no.	2019 question text	Linked questions	Minimum version	TCFD
C12	Engagement	Agricultural supplier engagement	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.	C-AC12.2/C-FB12.2/C-PF12.2	No	No
C12	Engagement	Agricultural supplier engagement	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?	C-AC12.2/C-FB12.2/C-PF12.2	No	No
C12	Engagement	Agricultural supplier engagement	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?	C-AC12.2/C-FB12.2/C-PF12.2	No	No
C12	Engagement	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?	C12.3a; C12.3b; C12.3c; C12.3d; C12.3e; C12.3f; C12.3g	No	No
C12	Engagement	Public policy engagement	C12.3a	On what issues have you been engaging directly with policy makers?	C12.3	No	No
C12	Engagement	Public policy engagement	C12.3b	Are you on the board of any trade associations or do you provide funding beyond membership?	C12.3	No	No
C12	Engagement	Public policy engagement	C12.3c	Enter the details of those trade associations that are likely to take a position on climate change legislation.	C12.3; C12.3b	No	No
C12	Engagement	Public policy engagement	C12.3d	Do you publicly disclose a list of all research organizations that you fund?	C12.3	No	No
C12	Engagement	Public policy engagement	C12.3e	Provide details of the other engagement activities that you undertake.	C12.3	No	No
C12	Engagement	Public policy engagement	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?	C12.3	No	No
C12	Engagement	Public policy engagement	C12.3g	Why do you not engage with policy makers on climate-related issues?	C12.3	No	No
C12	Engagement	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).		No	No
C13	Other land management impacts	Impacts of land management – own land	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?	C-AC4.4/C-FB4.4/C-PF4.4; C-AC13.1a/ C-FB13.1a / C-PF13.1a	No	No
C13	Other land management impacts	Impacts of land management – own land	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.	C-AC13.1/ C-FB13.1/C-PF13.1	No	No
C13	Other land management impacts	Impacts of land management – own land	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?	C-AC12.2/C-FB12.2/C-PF12.2; C-AC13.2a/ C-FB13.2a / C-PF13.2a	No	No
C13	Other land management impacts	Impacts of land management – own land	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.	C-AC13.2/ C-FB13.2 / C-PF13.2	No	No
C14	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.		Yes	No
C14	Signoff	Signoff	C14.1	Provide details for the person that has signed off (approved) your CDP climate change response.		Yes	No
SC0	Supply chain	Introduction	SC0.0	If you would like to do so, please provide a separate introduction to this module.		Yes	No
SC0	Supply chain	Introduction	SC0.1	What is your company's annual revenue for the stated reporting period?		Yes	No

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SC0	Supply chain	Introduction	SC0.2	Do you have an ISIN for your company that you would be willing to share with CDP?	SC0.2a	Yes	No
SC0	Supply chain	Introduction	SC0.2a	Please use the table below to share your ISIN.	SC0.2	Yes	No
SC1	Supply chain	Allocating your emissions to your customers	SC1.1	Allocate your emissions to your customers listed below according to the goods or services you have sold them in this reporting period.		Yes	No
SC1	Supply chain	Allocating your emissions to your customers	SC1.2	Where published information has been used in completing SC1.1, please provide a reference(s).	SC1.1	Yes	No
SC1	Supply chain	Allocating your emissions to your customers	SC1.3	What are the challenges in allocating emissions to different customers, and what would help you to overcome these challenges?		Yes	No
SC1	Supply chain	Allocating your emissions to your customers	SC1.4	Do you plan to develop your capabilities to allocate emissions to your customers in the future?	SC1.4a; SC1.4b	Yes	No
SC1	Supply chain	Allocating your emissions to your customers	SC1.4a	Describe how you plan to develop your capabilities.	SC1.4	Yes	No
SC1	Supply chain	Allocating your emissions to your customers	SC1.4b	Explain why you do not plan to develop capabilities to allocate emissions to your customers.	SC1.4	Yes	No
SC2	Supply chain	Collaborative opportunities	SC2.1	Please propose any mutually beneficial climate-related projects you could collaborate on with specific CDP supply chain members.		Yes	No
SC2	Supply chain	Collaborative opportunities	SC2.2	Have requests or initiatives by CDP supply chain members prompted your organization to undertake organizational-level emissions reduction initiatives?	SC2.2a	Yes	No
SC2	Supply chain	Collaborative opportunities	SC2.2a	Specify the requesting member(s) that have driven organizational-level emissions reduction initiatives, and provide information on the initiatives.	SC2.2	Yes	No
SC3	Supply chain	Action Exchange	SC3.1	Do you want to enroll in the 2019-2020 CDP Action Exchange initiative?	SC3.1a; SC3.1b; SC3.1c	Yes	No
SC3	Supply chain	Action Exchange	SC3.1a	Identify which member(s), if any, have motivated you to take part in Action Exchange this year.	SC3.1	Yes	No
SC3	Supply chain	Action Exchange	SC3.1b	Select the types of emissions reduction activities that your company would like support in analyzing or implementing in the next reporting year.	SC3.1	Yes	No
SC3	Supply chain	Action Exchange	SC3.1c	As part of Action Exchange, would you like facility level analysis?	SC3.1	Yes	No
SC3	Supply chain	Action Exchange	SC3.2	Is your company a participating supplier in CDP's 2018-2019 Action Exchange initiative?	SC3.2a	Yes	No
SC3	Supply chain	Action Exchange	SC3.2a	Describe how your organization actively considered emissions reduction projects as a result of Action Exchange. If you do not have any emissions reduction activities resulting from Action Exchange at any stage of implementation, please explain why not in the second column.	SC3.2	Yes	No
SC4	Supply chain	Product (goods and services) level data	SC4.1	Are you providing product level data for your organization's goods or services?	SC4.1a; SC4.2a; SC4.2b; SC4.2c; SC4.2d; SC4.2e	No	No
SC4	Supply chain	Product (goods and services) level data	SC4.1a	Give the overall percentage of total emissions, for all Scopes, that are covered by these products.	SC4.1	No	No
SC4	Supply chain	Product (goods and services) level data	SC4.2a	Complete the following table for the goods/services for which you want to provide data.	SC4.1	No	No

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SC4	Supply chain	Product (goods and services) level data	SC4.2b	Complete the following table with data for lifecycle stages of your goods and/or services.	SC4.1	No	No
SC4	Supply chain	Product (goods and services) level data	SC4.2c	Please detail emissions reduction initiatives completed or planned for this product.	SC4.1	No	No
SC4	Supply chain	Product (goods and services) level data	SC4.2d	Have any of the initiatives described in SC4.2c been driven by requesting CDP supply chain members?	SC4.1; SC4.2e	No	No
SC4	Supply chain	Product (goods and services) level data	SC4.2e	Explain which initiatives have been driven by requesting members.	SC4.1; SC4.2d	No	No