
CDP Question Changes and Map: 2019 to 2020

(Updated March 2020)

CDP Water Security 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. CDP has sought to stabilize the water security questionnaire for 2020 as much as possible.

This document includes two tables:

- ▶ The first indicates where 2020 questions differ from the 2019 questionnaire, due to a minor change, modification, or a development.
- ▶ The second sets out the structure of the 2020 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 2020 water security questionnaire, including sector questions and the reporting guidance, can be viewed at www.cdp.net/en/guidance.

Summary of 2020 changes to the water security questionnaire

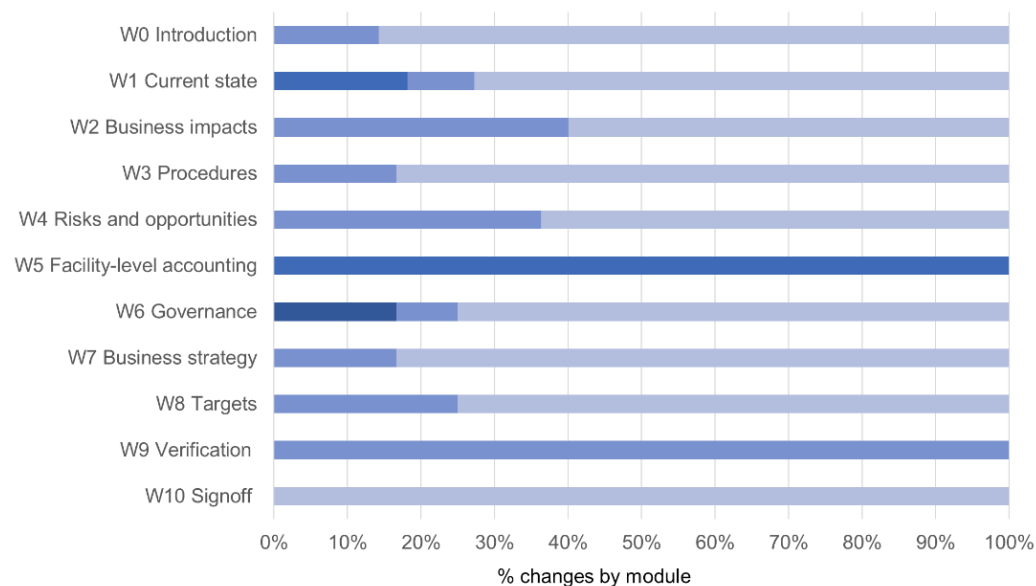
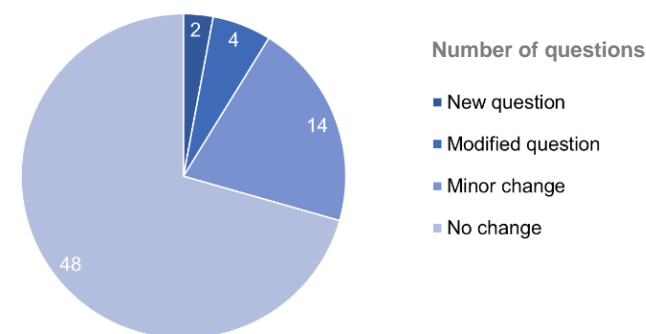
91% of the questions in the 2020 water security questionnaire have either no change or minor changes. Four of the questions are modified from their 2019 counterparts. There are two new questions in the Governance module which were previously presented only to high impact sectors.

Seven questions were removed from the 2019 questionnaire.

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

Summary of 2020 changes to sector-specific questions

For the metals and mining sector there are two new questions on hazardous tailings dams. There have been some minor changes and modifications to some other questions that are detailed below.



2020 Changes: water security questionnaire

2. 2019 to 2020 changes

This table indicates where the questionnaire has been revised/developed based on the 2019 questionnaire.

Question no.	2020 Question text	Revisions from 2019	Details and rationale for revisions
W0 Introduction			
W-MM0.1a	Which activities in the metals and mining sector does your organization engage in?	Minor change • Column 1	<ul style="list-style-type: none"> • Rewording: Drop-down option broadened from “<i>Processing metals</i>” to “<i>Processing</i>” to allow for other materials.
W-OG0.1a	Which business divisions in the oil & gas sector apply to your organization?	Minor change	<ul style="list-style-type: none"> • Rewording: Drop-down option broadened from “<i>Downstream</i>” to “<i>Midstream/Downstream</i>” to align with CDP’s climate change questionnaire.
W-EU0.1b	For your electricity generation activities, provide details of your nameplate capacity and the generation for each technology.	Modified question • Rows 8, 10, 13 • Columns 1, 4	<ul style="list-style-type: none"> • New rows: Rows 8 and 13 – “<i>Fossil-fuel plants fitted with carbon capture and storage</i>” and “<i>Marine</i>” to align with CDP’s climate change questionnaire. • New unit of measurement: Column 4 – “<i>Gross electricity generation</i>” required in GWh rather than MWh. • Rewording: Columns 1 and 4 – headers changed from “<i>Primary power generation source</i>” to “<i>Power generation technology</i>” and “<i>Gross generation (MWh)</i>” to “<i>Gross electricity generation (GWh)</i>” to align with CDP’s climate change questionnaire. • Rewording: Row 10 – label changed from “<i>Hydroelectric</i>” to “<i>Hydropower</i>”. • Rewording: Question text edit – “<i>power generation source</i>” changed to “<i>technology</i>”.
W0.3	Select the countries/areas for which you will be supplying data.	Minor change	<ul style="list-style-type: none"> • Rewording: Question text edit – “<i>countries/regions</i>” changed to “<i>countries/areas</i>” and column header changed to “<i>Country/Region</i>” to “<i>Country/Area</i>” to align with CDP’s climate change questionnaire.
W1 Current state			
W1.2	Across all your operations, what proportion of the following water aspects are regularly measured and monitored?	Modified question	<ul style="list-style-type: none"> • Removed row: “<i>Water withdrawals – volumes from stressed areas</i>”. This data point is now requested in W1.2d.
W-EU1.2a	For your hydropower operations, what proportion of the following water aspects are regularly measured and monitored?	Minor change	<ul style="list-style-type: none"> • Rewording: Question text changed from “<i>hydroelectric</i>” to “<i>hydropower</i>” to align with CDP’s climate change questionnaire.
W1.2b	What are the total volumes of water withdrawn, discharged and consumed across all your operations, and how do these volumes compare to the previous reporting year?	Modified guidance	<ul style="list-style-type: none"> • Modified guidance: Clarified meaning for “<i>anticipated future trends</i>”.
W-OG1.2c	In your oil & gas sector operations, what are the total volumes of water withdrawn, discharged, and consumed – by business division – and what are the trends compared to the previous reporting year?	Minor change • Rows 4, 5, 6	<ul style="list-style-type: none"> • Rewording: Row labels changed to include “<i>midstream</i>” to align with CDP’s climate change questionnaire.

Question no.	2020 Question text	Revisions from 2019	Details and rationale for revisions
W1.2d	Indicate whether water is withdrawn from areas with water stress and provide the proportion.	Modified question • Columns 1, 2, 4 Revised question dependency	<ul style="list-style-type: none"> • Rewording: Question text revised for clarity. • New column: "Withdrawals are from areas with water stress" to indicate if the organization withdraws from areas with water stress. • Revised column: Percentage in column 2 changed from specific numeric value to intervals to ease disclosure and improve data quality. • Rewording: Column 2 – minor edit to header for consistency. • Removed drop-down options: Column 4 – "WBCSD Global Water Tool" and "IPIECA Global Water Tool for Oil and Gas". These tools have been decommissioned. • Modified guidance: "Baseline depletion" added as a suggested parameter for classifying an area as water stressed when using the WRI Aqueduct tool. • Revised question dependency: Now not dependent on response to W1.2. New dependency on response to W1.1 – selection of "Neutral", "Important", or "Vital" for "Direct use importance rating".
W-FB1.2e	For each commodity reported in question W-FB1.1a, do you know the proportion that is produced/sourced from areas with water stress?	Minor change • Columns 2, 3	<ul style="list-style-type: none"> • Rewording: Minor edit to question text and to column headers for consistency.
W-FB1.2f	What proportion of the produced agricultural commodities reported in W-FB1.1a originate from areas with water stress?	Minor change • Column 2	<ul style="list-style-type: none"> • Rewording: Minor edit to question text and to column headers for consistency. • Revised column: Percentage changed from specific numeric value to intervals to ease disclosure and improve data quality.
W-FB1.2g	What proportion of the sourced agricultural commodities reported in W-FB1.1a originate from areas with water stress?	Minor change • Column 2	<ul style="list-style-type: none"> • Rewording: Minor edit to question text and to column headers for consistency. • Revised column: Percentage changed from specific numeric value to intervals to ease disclosure and improve data quality.
W1.2h	Provide total water withdrawal data by source.	Modified guidance	<ul style="list-style-type: none"> • Modified guidance: Clarified meaning for "anticipated future trends".
W1.2i	Provide total water discharge data by destination.	Modified guidance	<ul style="list-style-type: none"> • Modified guidance: Clarified meaning for "anticipated future trends".
W1.2j (2019)	What proportion of your total water use do you recycle or reuse?	Removed question	<ul style="list-style-type: none"> • Removed questions: 2019 W1.2j, W-MM1.2j, and W-OG1.2j have been removed. The volumetric information provided limited insight on impact reduction and the practices can be reported elsewhere in the questionnaire.
W-MM1.2j (2019)	For your metals and mining operations, provide details of the volume of water recycled or reused by your organization and the proportion of total water use this represents.	Removed question	<ul style="list-style-type: none"> • Removed questions: 2019 W1.2j, W-MM1.2j, and W-OG1.2j have been removed. The volumetric information provided limited insight on impact reduction and the practices can be reported elsewhere in the questionnaire.
W-OG1.2j (2019)	What proportion of your total water use do you recycle or reuse in your operations associated with the oil & gas sector?	Removed question	<ul style="list-style-type: none"> • Removed questions: 2019 W1.2j, W-MM1.2j, and W-OG1.2j have been removed. The volumetric information provided limited insight on impact reduction and the practices can be reported elsewhere in the questionnaire.
W-CH1.3a	For your top five products by production weight/volume, provide the following water intensity information associated with your activities in the chemical sector.	Minor change • Column 5	<ul style="list-style-type: none"> • Rewording: Minor edit to column header.

Question no.	2020 Question text	Revisions from 2019	Details and rationale for revisions
W-EU1.3a	Provide the following intensity information associated with your electricity generation activities.	Minor change • Column 3	• Rewording: Minor edit to column header.
W-FB1.3a	Provide water intensity information for each of the agricultural commodities identified in W-FB1.3 that you produce.	Minor change • Column 4	• Rewording: Minor edit to column header.
W-FB1.3b	Provide water intensity information for each of the agricultural commodities identified in W-FB1.3 that you source.	Minor change • Column 4	• Rewording: Minor edit to column header.
W-MM1.3a	For your top five products by revenue, provide the following intensity information associated with your metals and mining activities.	Minor change • Column 3	• Rewording: Minor edit to column header.
W-OG1.3a	Provide water intensity information associated with your activities in the oil & gas sector.	Minor change • Columns 1, 3, 4	<ul style="list-style-type: none"> • Rewording: Drop-down option in column 1 broadened from "Downstream" to "Midstream/Downstream" to align with CDP's climate change questionnaire. • Rewording: Drop-down options in column 3 edited to remove "total" for clarity. • Rewording: Minor edit to column 4 header.
W1.4b	Provide details of any other water-related supplier engagement activity.	Minor change • Column 2	• New drop-down options: "Requirement for water-related targets is included in your supplier selection mechanism" and "Demonstrable progress against water-related targets is incentivized in your supplier relationship management" allow organizations to demonstrate that they are driving impact reduction in their supply chains.
W2 Business impacts			
W2.1a	Describe the water-related detrimental impacts experienced by your organization, your response, and the total financial impact.	Minor change • Columns 1, 4, 5, 7	<ul style="list-style-type: none"> • Rewording: Column 1 – header changed from "Country/Region" to "Country/Area" to align with CDP's climate change questionnaire. • New drop-down option: Column 4 – "Poorly managed sanitation" to drive awareness of the risk associated with sewage management. • Moved drop-down option for metals & mining sector: "Mine closure (metals & mining sector only)" from column 4 to column 5. • New drop-down option: Column 7 – "Purchase water quality credits" to drive awareness of tradeable water quality credits as a tool for pollution reduction. • New drop-down option for food, beverage & tobacco sector: Column 7 – "Reduce food waste throughout the value chain (food, beverage & tobacco sector only)". Reducing food waste is critical to achieving water security. • Removed drop-down option: Column 7 – "Water-related capital expenditure". This option was a duplicate in error. • Rewording: Column 7 – minor edits to drop-down options for clarity.
W2.2b	Provide details for all significant fines, enforcement orders, and/or penalties for water-related regulatory violations in the reporting year, and your plans for resolving them.	Minor change • Column 1	• Rewording: Column header changed from "Country/Region" to "Country/Area" to align with CDP's climate change questionnaire.

Question no.	2020 Question text	Revisions from 2019	Details and rationale for revisions
W3 Procedures			
W-FB3.1a	Describe how your organization minimizes the adverse impacts of potential water pollutants on water ecosystems or human health associated with your food, beverage, and tobacco sector activities.	Minor change • Columns 1, 4	<ul style="list-style-type: none"> • New drop-down option: Column 1 – “Wastewater and sludge with high organic or suspended solids content” as these are common potential pollutants in this sector. • Rewording: Column 4 – drop-down option changed from “Change varieties of raw materials” to “Change raw material inputs” for clarity.
W-OG3.1a	For each business division of your organization, describe how your organization minimizes the adverse impacts on water ecosystems or human health of potential water pollutants associated with your oil & gas sector activities.	Minor change • Column 2	<ul style="list-style-type: none"> • Rewording: Drop-down option broadened from “Downstream” to “Midstream/Downstream” to align with CDP’s climate change questionnaire.
W-MM3.2	By river basin, what number of active and inactive tailings dams are within your control?	Minor change • Column 1	<ul style="list-style-type: none"> • Rewording: Column header changed from “Country/Region” to “Country/Area” to align with CDP’s climate change questionnaire.
W-MM3.2a	Do you evaluate and classify the tailings dams under your control according to the consequences of their failure to human health and ecosystems?	New question	<ul style="list-style-type: none"> • New question: Allows organizations to demonstrate their management of risks associated with hazardous tailings dams.
W-MM3.2b	Provide details for all dams classified as 'hazardous' or 'highly hazardous'.	New question	<ul style="list-style-type: none"> • New question: Allows organizations to demonstrate their management of risks associated with hazardous tailings dams.
W-MM3.2c	To manage the potential impacts to human health or water ecosystems associated with the tailings dams in your control, what procedures are in place for all of your dams?	Revised question dependency (2019 W-MM3.2a)	<ul style="list-style-type: none"> • Revised question dependency: Now not dependent on response to W-MM0.1a. New dependency on response to W-MM3.2 – reporting of any active or inactive tailings dams.
W3.3a	Select the options that best describe your procedures for identifying and assessing water-related risks.	Minor change • Columns 4, 7 Modified guidance	<ul style="list-style-type: none"> • New drop-down option: Column 4 – “Every three years or more” to reflect reported practice. • Rewording: Column 4 – drop-down option changed from “Six-monthly or more frequently” to “More than once a year” for clarity. • Removed drop-down options: Column 7 – <i>Global Water Tool for Power Utilities [electric utilities only]</i>; <i>IPIECA Global Water Tool [oil & gas only]</i>; and <i>WBCSD Global Water Tool</i>. These tools have been decommissioned. • Modified guidance: Clarification of selection for the “coverage” of a risk assessment.
W4 Risks and opportunities			
W4.1c	By river basin, what is the number and proportion of facilities exposed to water risks that could have a substantive financial or strategic impact on your business, and what is the potential business impact associated with those facilities?	Minor change • Columns 1, 6, 7, 8 Additional guidance	<ul style="list-style-type: none"> • Rewording: Question text edited to include “financial or strategic” for consistency. • Rewording: Column 1 – header changed from “Country/Region” to “Country/Area” to align with CDP’s climate change questionnaire. • New drop-down option for electric utilities and oil & gas sectors: Columns 6 and 7 – “Not applicable” to improve response options. • Revised column: Column 8 - Smaller intervals for percentage of global revenue to ease disclosure and improve data quality. • Additional guidance: New “Explanation of terms” for “Revenue”.

Question no.	2020 Question text	Revisions from 2019	Details and rationale for revisions
W4.2	Provide details of identified risks in your direct operations with the potential to have a substantive financial or strategic impact on your business, and your response to those risks.	Minor change • Columns 1, 4, 5, 15	<ul style="list-style-type: none"> • Rewording: Column 1 – header changed from “Country/Region” to “Country/Area” to align with CDP’s climate change questionnaire. • New drop-down option: Column 4 – “Poorly managed sanitation” to drive awareness of the risk associated with sewage management. • Moved drop-down option for metals & mining sector: “Mine closure (metals & mining sector only)” from column 4 to column 5. • New drop-down option: Column 15 – “Purchase water quality credits” to drive awareness of tradeable water quality credits as a tool for pollution reduction. • New drop-down option for food, beverage & tobacco sector: Column 15 – “Reduce food waste throughout the value chain (food, beverage & tobacco sector only)”. Reducing food waste is critical to achieving water security. • Removed drop-down option: Column 15 – “Water-related capital expenditure”. This option was a duplicate in error. • Rewording: Column 15 – minor edits to drop-down options for clarity.
W4.2a	Provide details of risks identified within your value chain (beyond direct operations) with the potential to have a substantive financial or strategic impact on your business, and your response to those risks.	Minor change • Columns 1, 5, 6, 16	<ul style="list-style-type: none"> • Rewording: Column 1 – header changed from “Country/Region” to “Country/Area” to align with CDP’s climate change questionnaire. • New drop-down option: Column 5 – “Poorly managed sanitation” to drive awareness of the risk associated with sewage management. • Moved drop-down option for metals & mining sector: “Mine closure (metals & mining sector only)” from column 5 to column 6. • New drop-down option: Column 16 – “Purchase water quality credits” to drive awareness of tradeable water quality credits as a tool for pollution reduction. • New drop-down option for food, beverage & tobacco sector: Column 16 – “Reduce food waste throughout the value chain (food, beverage & tobacco sector only)”. Reducing food waste is critical to achieving water security. • Removed drop-down option: Column 16 – “Water-related capital expenditure”. This option was a duplicate in error. • Rewording: Column 16 – minor edits to drop-down options for clarity.
W4.3a	Provide details of opportunities currently being realized that could have a substantive financial or strategic impact on your business.	Minor change • Column 2	<ul style="list-style-type: none"> • New drop-down option: “Water recovery from sewage management” to drive awareness of the risk associated with sewage management.
W5 Facility-level water accounting			
W5.1	For each facility referenced in W4.1c, provide coordinates, water accounting data and a comparison with the previous reporting year.	Modified question (2019 W5.1, W5.1a, W5.1b) • Columns 3, 7, 12, 13, 14, 15, 16, 17, 20, 21, 22, 23	<ul style="list-style-type: none"> • Merged questions: Columns 12-17, 20-23 – 2019 data points in W5.1a (columns 3-8) and W5.1b (columns 3-6) have been merged into W5.1 to eliminate repeated columns and facilitate disclosure. Associated guidance for the columns has also been integrated. • New column: “Located in area with water stress” allows organizations to demonstrate awareness of which facilities are located in potentially high impact locations. Increases alignment with other reporting frameworks such as GRI, SASB, and TCFD. • Rewording: Column 3 – header changed from “Country/Region” to “Country/Area” to align with CDP’s climate change questionnaire. • Modified guidance: Clarified meaning for “anticipated future trends”.

Question no.	2020 Question text	Revisions from 2019	Details and rationale for revisions
W5.1a	For the facilities referenced in W5.1, what proportion of water accounting data has been externally verified?	Modified question (2019 W5.1d) <ul style="list-style-type: none"> Column 3 	<ul style="list-style-type: none"> Revised column presentation: Column 3 “What standard and methodology was used?” not presented if “Not verified” selected in column 2 “% verified”.
W5.1c (2019)	For each facility referenced in W5.1, provide the proportion of your total water use that is recycled or reused, and give the comparison with the previous reporting year.	Removed question	<ul style="list-style-type: none"> Removed question: 2019 W5.1c has been removed. The volumetric information provided limited insight on impact reduction and the practices can be reported elsewhere in the questionnaire.
W6 Governance			
W6.1a	Select the options that best describe the scope and content of your water policy.	Minor change <ul style="list-style-type: none"> Column 2 	<ul style="list-style-type: none"> New drop-down options: “Commitment to safely managed Water, Sanitation and Hygiene (WASH) in the workplace” and “Commitment to safely managed Water, Sanitation and Hygiene (WASH) in local communities” added to reflect good practice.
W6.4	Do you provide incentives to C-suite employees or board members for the management of water-related issues?	New question Minor change for CH, EU, FB, MM and OG only <ul style="list-style-type: none"> Column 2 	<ul style="list-style-type: none"> New question: Allows all organizations to demonstrate whether they incentivize C-suite employees and board members for the management of water-related issues. New response format for high impact sectors: Includes a “Comment” column.
W6.4a	What incentives are provided to C-suite employees or board members for the management of water-related issues (do not include the names of individuals)?	New question Modified question for CH, EU, FB, MM and OG only <ul style="list-style-type: none"> Row 2 Columns 1, 2, 3 	<ul style="list-style-type: none"> New question: Allows all organizations to demonstrate how they incentivize C-suite employees and board members for the management of water-related issues. Merged rows for high impact sectors: New row “Non-monetary reward” to simplify disclosure. Rewording for high impact sectors: Minor edits to columns headers. Revised drop-down options for high impact sectors: Column 3.
W7 Business strategy			
W7.2	What is the trend in your organization’s water-related capital expenditure (CAPEX) and operating expenditure (OPEX) for the reporting year, and the anticipated trend for the next reporting year?	Modified guidance	<ul style="list-style-type: none"> Modified guidance: New request to report the business aspects and investments related to the CAPEX/OPEX.
W7.3b	What water-related outcomes were identified from the use of climate-related scenario analysis, and what was your organization’s response?	Minor change <ul style="list-style-type: none"> Column 1 	<ul style="list-style-type: none"> Rewording: Column header edited to include “and models applied”.
W8 Targets			
W8.1a	Provide details of your water targets that are monitored at the corporate level, and the progress made.	Minor change <ul style="list-style-type: none"> Columns 6, 10 	<ul style="list-style-type: none"> Rewording: Column 6 – minor edits to drop-down options for clarity. Rewording: Column 10 – header changed from “% achieved” to “% of target achieved” for clarity.
W9 Linkages and tradeoffs			
W9.1 (2019)	Has your organization identified any linkages or tradeoffs between water and other environmental issues in its direct operations and/or other parts of its value chain?	Removed question	<ul style="list-style-type: none"> Removed questions: 2019 module W9 has been removed for simplification and alignment with the CDP forests questionnaire.
W9.1a (2019)	Describe the linkages or tradeoffs and the related management policy or action.	Removed question	<ul style="list-style-type: none"> Removed questions: 2019 module W9 has been removed for simplification and alignment with the CDP forests questionnaire.

Question no.	2020 Question text	Revisions from 2019	Details and rationale for revisions
W9.1b (2019)	Why has your organization not identified any linkages or tradeoffs between water and other environmental issues?	Removed question	<ul style="list-style-type: none"> • Removed questions: 2019 module W9 has been removed for simplification and alignment with the CDP forests questionnaire.
W9 Verification (2019 W10)			
W9.1	Do you verify any other water information reported in your CDP disclosure (not already covered by W5.1a)?	Minor change (2019 W10.1)	<ul style="list-style-type: none"> • Rewording: Minor edit to question text.
W9.1a	Which data points within your CDP disclosure have been verified, and which standards were used?	Minor change (2019 W10.1a) <ul style="list-style-type: none"> • Column 3 	<ul style="list-style-type: none"> • New drop-down option: "Alliance for Water Stewardship certification".
W10 Signoff (2019 W11)			
No change			
SW Supply chain module			
SW0.1	What is your organization's annual revenue for the reporting period?	Additional guidance	<ul style="list-style-type: none"> • Additional guidance: New "Explanation of terms" for "Revenue".
SW1.1	Could any of your facilities reported in W5.1 have an impact on a requesting CDP supply chain member?	Minor change	<ul style="list-style-type: none"> • Rewording: Minor edit to question text for clarity.
SW1.1a	Indicate which of the facilities referenced in W5.1 could impact a requesting CDP supply chain member.	Minor change	<ul style="list-style-type: none"> • Rewording: Minor edit to question text for consistency.
SW1.2	Are you able to provide geolocation data for your facilities?	Minor change <ul style="list-style-type: none"> • Column 2 	<ul style="list-style-type: none"> • New response format: Includes a "Comment" column. • Rewording: Minor edit to question text.
SW1.2a	Please provide all available geolocation data for your facilities.	Minor change	<ul style="list-style-type: none"> • Rewording: Minor edit to question text.
SW3.1	Provide any available water intensity values for your organization's products or services.	Minor change <ul style="list-style-type: none"> • Column 4 	<ul style="list-style-type: none"> • Rewording: Minor edit to column header and question text.
Glossary			
Revised definitions	<ul style="list-style-type: none"> • "Potential water pollutants". 		
New definitions	<ul style="list-style-type: none"> • "Other stages of the value chain", "Revenue", and "Water-related opportunity". 		

3. 2020 map

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

Module no.	Module	Section	Question no.	2020 question	Linked questions	Minimum version
W0 Introduction						
W0	Introduction	Introduction	W0.1	Give a general description of and introduction to your organization.		Yes
W0	Introduction	Introduction	W-CH0.1a	Which activities in the chemical sector does your organization engage in?		No
W0	Introduction	Introduction	W-EU0.1a	Which activities in the electric utilities sector does your organization engage in?	W-EU0.1b	No
W0	Introduction	Introduction	W-EU0.1b	For your electricity generation activities, provide details of your nameplate capacity and the generation for each technology.	W-EU0.1a; W-EU1.2a	No
W0	Introduction	Introduction	W-FB0.1a	Which activities in the food, beverage, and tobacco sector does your organization engage in?		No
W0	Introduction	Introduction	W-MM0.1a	Which activities in the metals and mining sector does your organization engage in?		No
W0	Introduction	Introduction	W-OG0.1a	Which business divisions in the oil & gas sector apply to your organization?		No
W0	Introduction	Introduction	W0.2	State the start and end date of the year for which you are reporting data.		Yes
W0	Introduction	Introduction	W0.3	Select the countries/areas for which you will be supplying data.		Yes
W0	Introduction	Introduction	W0.4	Select the currency used for all financial information disclosed throughout your response.		Yes
W0	Introduction	Introduction	W0.5	Select the option that best describes the reporting boundary for companies, entities, or groups for which water impacts on your business are being reported.		Yes
W0	Introduction	Introduction	W0.6	Within this boundary, are there any geographies, facilities, water aspects, or other exclusions from your disclosure?	W0.6a	Yes
W0	Introduction	Introduction	W0.6a	Please report the exclusions.	W0.6	Yes
W1 Current state						
W1	Current State	Dependence	W1.1	Rate the importance (current and future) of water quality and water quantity to the success of your business.	W1.2; W1.2b; W1.2d; W-EU1.2a; W-OG1.2c; W-FB1.2e; W1.3; W1.4	Yes
W1	Current State	Dependence	W-FB1.1a	Which water-intensive agricultural commodities that your organization produces and/or sources are the most significant to your business by revenue? Select up to five.	W-FB1.2e; W-FB1.3	No
W1	Current State	Company-wide water accounting	W1.2	Across all your operations, what proportion of the following water aspects are regularly measured and monitored?	W1.1; W1.2h; W1.2i	Yes
W1	Current State	Company-wide water accounting	W-EU1.2a	For your hydropower operations, what proportion of the following water aspects are regularly measured and monitored?	W-EU0.1b; W1.1	No

Module no.	Module	Section	Question no.	2020 question	Linked questions	Minimum version
W1	Current State	Company-wide water accounting	W1.2b	What are the total volumes of water withdrawn, discharged, and consumed across all your operations, and how do these volumes compare to the previous reporting year?	W1.1	Yes
W1	Current State	Company-wide water accounting	W-OG1.2c	In your oil & gas sector operations, what are the total volumes of water withdrawn, discharged, and consumed – by business division – and what are the trends compared to the previous reporting year?	W-OG0.1a; W1.1	No
W1	Current State	Company-wide water accounting	W1.2d	Indicate whether water is withdrawn from areas with water stress and provide the proportion.	W1.1	Yes
W1	Current State	Company-wide water accounting	W-FB1.2e	For each commodity reported in question W-FB1.1a, do you know the proportion that is produced/sourced from areas with water stress?	W1.1; W-FB1.2f; W-FB1.2g; W-FB1.1a	No
W1	Current State	Company-wide water accounting	W-FB1.2f	What proportion of the produced agricultural commodities reported in W-FB1.1a originate from areas with water stress?	W-FB1.2e	No
W1	Current State	Company-wide water accounting	W-FB1.2g	What proportion of the sourced agricultural commodities reported in W-FB1.1a originate from areas with water stress?	W-FB1.2e	No
W1	Current State	Company-wide water accounting	W1.2h	Provide total water withdrawal data by source.	W1.2	Yes
W1	Current State	Company-wide water accounting	W1.2i	Provide total water discharge data by destination.	W1.2	No
W1	Current State	Water intensity	W-CH1.3	Do you calculate water intensity for your activities in the chemical sector?	W1.1; W-CH1.3a	No
W1	Current State	Water intensity	W-CH1.3a	For your top five products by production weight/volume, provide the following water intensity information associated with your activities in the chemical sector.	W-CH1.3; W-CH0.1a	No
W1	Current State	Water intensity	W-EU1.3	Do you calculate water intensity for your electricity generation activities?	W1.1; W-EU1.3a; W-EU0.1a	No
W1	Current State	Water intensity	W-EU1.3a	Provide the following intensity information associated with your electricity generation activities.	W-EU1.3	No
W1	Current State	Water intensity	W-FB1.3	Do you collect/calculate water intensity for each commodity reported in question W-FB1.1a?	W1.1; W-FB1.3a; W-FB1.3b; W-FB1.1a	No
W1	Current State	Water intensity	W-FB1.3a	Provide water intensity information for each of the agricultural commodities identified in W-FB1.3 that you produce.	W-FB1.3	No
W1	Current State	Water intensity	W-FB1.3b	Provide water intensity information for each of the agricultural commodities identified in W-FB1.3 that you source.	W-FB1.3	No
W1	Current State	Water intensity	W-OG1.3	Do you calculate water intensity for your activities associated with the oil & gas sector?	W1.1; W-OG1.3a	No
W1	Current State	Water intensity	W-OG1.3a	Provide water intensity information associated with your activities in the oil & gas sector.	W-OG1.3	No
W1	Current State	Water intensity	W-MM1.3	Do you calculate water intensity information for your metals and mining activities?	W1.1; W-MM1.3a	No
W1	Current State	Water intensity	W-MM1.3a	For your top five products by revenue, provide the following intensity information associated with your metals and mining activities.	W-MM1.3	No
W1	Current State	Value chain engagement	W1.4	Do you engage with your value chain on water-related issues?	W1.1; W1.4a; W1.4b, W1.4c	No
W1	Current State	Value chain engagement	W1.4a	What proportion of suppliers do you request to report on their water use, risks and/or management information and what proportion of your procurement spend does this represent?	W1.4	No
W1	Current State	Value chain engagement	W1.4b	Provide details of any other water-related supplier engagement activity.	W1.4	No

Module no.	Module	Section	Question no.	2020 question	Linked questions	Minimum version
W1	Current State	Value chain engagement	W1.4c	What is your organization's rationale and strategy for prioritizing engagements with customers or other partners in its value chain?	W1.4	No
W1	Current State	Value chain engagement	W1.4d	Why do you not engage with any stages of your value chain on water-related issues and what are your plans?	W1.4	No
W2 Business impacts						
W2	Business impacts	Recent impacts on your business	W2.1	Has your organization experienced any detrimental water-related impacts?	W2.1a	Yes
W2	Business impacts	Recent impacts on your business	W2.1a	Describe the water-related detrimental impacts experienced by your organization, your response, and the total financial impact.	W2.1	Yes
W2	Business impacts	Compliance impacts	W2.2	In the reporting year, was your organization subject to any fines, enforcement orders, and/or other penalties for water-related regulatory violations?	W2.2a; W2.2b	Yes
W2	Business impacts	Compliance impacts	W2.2a	Provide the total number and financial details of all water-related fines	W2.2	No
W2	Business impacts	Compliance impacts	W2.2b	Provide details for all significant fines, enforcement orders and/or penalties for water-related regulatory violations in the reporting year, and your plans for resolving them.	W2.2	No
W3 Procedures						
W3	Procedures	Pollutant management procedures	W-CH3.1	How does your organization identify and classify potential water pollutants associated with its activities in the chemical sector that could have a detrimental impact on water ecosystems or human health?		No
W3	Procedures	Pollutant management procedures	W-CH3.1a	Describe how your organization minimizes adverse impacts of potential water pollutants on water ecosystems or human health. Report up to ten potential pollutants associated with your activities in the chemical sector.		No
W3	Procedures	Pollutant management procedures	W-EU3.1	How does your organization identify and classify potential water pollutants associated with your business activities in the electric utilities sector that could have a detrimental impact on water ecosystems or human health?	W-EU0.1a	No
W3	Procedures	Pollutant management procedures	W-EU3.1a	Describe how your organization minimizes the adverse impacts of potential water pollutants associated with your activities in the electric utilities sector on water ecosystems or human health.	W-EU0.1a	No
W3	Procedures	Pollutant management procedures	W-FB3.1	How does your organization identify and classify potential water pollutants associated with its food, beverage, and tobacco sector activities that could have a detrimental impact on water ecosystems or human health?		No
W3	Procedures	Pollutant management procedures	W-FB3.1a	Describe how your organization minimizes the adverse impacts of potential water pollutants on water ecosystems or human health associated with your food, beverage, and tobacco sector activities.		No
W3	Procedures	Pollutant management procedures	W-OG3.1	How does your organization identify and classify potential water pollutants associated with its activities in the oil & gas sector that may have a detrimental impact on water ecosystems or human health?		No
W3	Procedures	Pollutant management procedures	W-OG3.1a	For each business division of your organization, describe how your organization minimizes the adverse impacts on water ecosystems or human health of potential water pollutants associated with your oil & gas sector activities.		No
W3	Procedures	Other management procedures	W-MM3.2	By river basin, what number of active and inactive tailings dams are within your control?	W-MM0.1a; W-MM3.2a; W-MM3.2c	No
W3	Procedures	Other management procedures	W-MM3.2a	Do you evaluate and classify the tailings dams under your control according to the consequences of their failure to human health and ecosystems?	W-MM3.2; W-MM3.2b	No

Module no.	Module	Section	Question no.	2020 question	Linked questions	Minimum version
W3	Procedures	Other management procedures	W-MM3.2b	Provide details for all dams classified as 'hazardous' or 'highly hazardous'.	W-MM3.2a	No
W3	Procedures	Other management procedures	W-MM3.2c (2019 W-MM3.2a)	To manage the potential impacts to human health or water ecosystems associated with the tailings dams in your control, what procedures are in place for all of your dams?	W-MM3.2	No
W3	Procedures	Risk identification and assessment procedures	W3.3	Does your organization undertake a water-related risk assessment?	W3.3a; W3.3b; W3.3c; W3.3d; W3.3e	Yes
W3	Procedures	Risk identification and assessment procedures	W3.3a	Select the options that best describe your procedures for identifying and assessing water-related risks.	W3.3	Yes
W3	Procedures	Risk identification and assessment procedures	W3.3b	Which of the following contextual issues are considered in your organization's water-related risk assessments?	W3.3	No
W3	Procedures	Risk identification and assessment procedures	W3.3c	Which of the following stakeholders are considered in your organization's water-related risk assessments?	W3.3	No
W3	Procedures	Risk identification and assessment procedures	W3.3d	Describe your organization's process for identifying, assessing, and responding to water-related risks within your direct operations and other stages of your value chain.	W3.3	No
W3	Procedures	Risk identification and assessment procedures	W3.3e	Why does your organization not undertake a water-related risk assessment?	W3.3	Yes
W4 Risks and opportunities						
W4	Risks and opportunities	Risk exposure	W4.1	Have you identified any inherent water-related risks with the potential to have a substantive financial or strategic impact on your business?	W4.1b; W4.1c; W4.2; W4.2a; W4.2b; W4.2c	Yes
W4	Risks and opportunities	Risk exposure	W4.1a	How does your organization define substantive financial or strategic impact on your business?		No
W4	Risks and opportunities	Risk exposure	W4.1b	What is the total number of facilities exposed to water risks with the potential to have a substantive financial or strategic impact on your business, and what proportion of your company-wide facilities does this represent?	W4.1	Yes
W4	Risks and opportunities	Risk exposure	W4.1c	By river basin, what is the number and proportion of facilities exposed to water risks that could have a substantive financial or strategic impact on your business, and what is the potential business impact associated with those facilities?	W4.1; W5.1	Yes
W4	Risks and opportunities	Water-related risks and response	W4.2	Provide details of identified risks in your direct operations with the potential to have a substantive financial or strategic impact on your business, and your response to those risks.	W4.1	Yes
W4	Risks and opportunities	Water-related risks and response	W4.2a	Provide details of risks identified within your value chain (beyond direct operations) with the potential to have a substantive financial or strategic impact on your business, and your response to those risks.	W4.1	No
W4	Risks and opportunities	Water-related risks and response	W4.2b	Why does your organization not consider itself exposed to water risks in its direct operations with the potential to have a substantive financial or strategic impact?	W4.1	Yes
W4	Risks and opportunities	Water-related risks and response	W4.2c	Why does your organization not consider itself exposed to water risks in its value chain (beyond direct operations) with the potential to have a substantive financial or strategic impact?	W4.1	No
W4	Risks and opportunities	Water-related opportunities	W4.3	Have you identified any water-related opportunities with the potential to have a substantive financial or strategic impact on your business?	W4.3a; W4.3b	Yes
W4	Risks and opportunities	Water-related opportunities	W4.3a	Provide details of opportunities currently being realized that could have a substantive financial or strategic impact on your business.	W4.3	Yes

Module no.	Module	Section	Question no.	2020 question	Linked questions	Minimum version
W4	Risks and opportunities	Water-related opportunities	W4.3b	Why does your organization not consider itself to have water-related opportunities?	W4.3	Yes
W5 Facility-level water accounting						
W5	Facility-level water accounting	Facility-level water accounting	W5.1	For each facility referenced in W4.1c, provide coordinates, total water accounting data and comparisons with the previous reporting year.	W4.1c; W5.1a	Yes
W5	Facility-level water accounting	Facility-level water accounting	W5.1a (2019 W5.1d)	For the facilities referenced in W5.1, what proportion of water accounting data has been externally verified?	W5.1	No
W6 Governance						
W6	Governance	Water policy	W6.1	Does your organization have a water policy?	W6.1a	Yes
W6	Governance	Water policy	W6.1a	Select the options that best describe the scope and content of your water policy.	W6.1	Yes
W6	Governance	Board oversight	W6.2	Is there board level oversight of water-related issues within your organization?	W6.2a; W6.2b; W6.2c	Yes
W6	Governance	Board oversight	W6.2a	Identify the position(s) (do not include any names) of the individual(s) on the board with responsibility for water-related issues.	W6.2	No
W6	Governance	Board oversight	W6.2b	Provide further details on the board's oversight of water-related issues.	W6.2	No
W6	Governance	Board oversight	W6.2c	Why is there no board-level oversight of water-related issues and what are your plans to change this in the future?	W6.2	Yes
W6	Governance	Management responsibility	W6.3	Provide the highest management-level position(s) or committee(s) with responsibility for water-related issues (do not include the names of individuals).		Yes
W6	Governance	Employee incentives	W6.4	Do you provide incentives to C-suite employees or board members for the management of water-related issues?	W6.4a	Yes
W6	Governance	Employee incentives	W6.4a	What incentives are provided to C-suite employees or board members for the management of water-related issues (do not include the names of individuals)?	W6.4	No
W6	Governance	Public policy engagement	W6.5	Do you engage in activities that could either directly or indirectly influence public policy on water through any of the following?	W6.5a	No
W6	Governance	Public policy engagement	W6.5a	What processes do you have in place to ensure that all of your direct and indirect activities seeking to influence policy are consistent with your water policy/water commitments?	W6.5	No
W6	Governance	Reporting	W6.6	Did your organization include information about its response to water-related risks in its most recent mainstream financial report?		No
W7 Business strategy						
W7	Business strategy	Business strategy	W7.1	Are water-related issues integrated into any aspects of your long-term strategic business plan, and if so how?		Yes
W7	Business strategy	CAPEX/OPEX	W7.2	What is the trend in your organization's water-related capital expenditure (CAPEX) and operating expenditure (OPEX) for the reporting year, and the anticipated trend for the next reporting year?		No
W7	Business strategy	Scenario analysis	W7.3	Does your organization use climate-related scenario analysis to inform its business strategy?	W7.3a	No
W7	Business strategy	Scenario analysis	W7.3a	Has your organization identified any water-related outcomes from your climate-related scenario analysis?	W7.3; W7.3b	No
W7	Business strategy	Scenario analysis	W7.3b	What water-related outcomes were identified from the use of climate-related scenario analysis, and what was your organization's response?	W7.3a	No
W7	Business strategy	Water pricing	W7.4	Does your company use an internal price on water?		No
W8 Targets						

Module no.	Module	Section	Question no.	2020 question	Linked questions	Minimum version
W8	Targets	Targets and goals	W8.1	Describe your approach to setting and monitoring water-related targets and/or goals.	W8.1a; W8.1b; W8.1c	Yes
W8	Targets	Targets and goals	W8.1a	Provide details of your water targets that are monitored at the corporate level, and the progress made.	W8.1	Yes
W8	Targets	Targets and goals	W8.1b	Provide details of your water goal(s) that are monitored at the corporate level and the progress made.	W8.1	Yes
W8	Targets	Targets and goals	W8.1c	Why do you not have corporate water target(s) or goal(s) and what are your plans to develop these in the future?	W8.1	Yes
W9 Verification (2019 W10)						
W9	Verification	Verification and assurance	W9.1 (2019 W10.1)	Do you verify any other water information reported in your CDP disclosure (not already covered by W5.1a)?	W9.1a	No
W9	Verification	Verification and assurance	W9.1a (2019 W10.1a)	Which data points within your CDP disclosure have been verified, and which standards were used?	W9.1	No
W10 Signoff (2019 W11)						
W10	Sign off	Sign off	W10.1 (2019 W11.1)	Provide details for the person that has signed off (approved) your CDP water response.		Yes
W10	Sign off	Water Action Hub	W10.2 (2019 W11.2)	Please indicate whether your organization agrees for CDP to transfer your publicly disclosed data on your impact and risk response strategies to the CEO Water Mandate's Water Action Hub [applies only to W2.1a (response to impacts), W4.2 and W4.2a (response to risks)].		No
SW Supply chain module						
SW	Supply chain	Introduction	SW0.1	What is your organization's annual revenue for the reporting period?		Yes
SW	Supply chain	Introduction	SW0.2	Do you have an ISIN for your organization that you are willing to share with CDP?	SW0.2a	Yes
SW	Supply chain	Introduction	SW0.2a	Please share your ISIN in the table below.	SW0.2	Yes
SW	Supply chain	Facilities exposed to water risk	SW1.1	Could any of your facilities reported in W5.1 have an impact on a requesting CDP supply chain member?	SW1.1a	Yes
SW	Supply chain	Facilities exposed to water risk	SW1.1a	Indicate which of the facilities referenced in W5.1 could impact a requesting CDP supply chain member.	SW1.1; W5.1	Yes
SW	Supply chain	Facilities exposed to water risk	SW1.2	Are you able to provide geolocation data for your facilities?	SW1.2a	Yes
SW	Supply chain	Facilities exposed to water risk	SW1.2a	Please provide all available geolocation data for your facilities.	SW1.2	Yes
SW	Supply chain	Collaborative opportunities	SW2.1	Please propose any mutually beneficial water-related projects you could collaborate on with specific CDP supply chain members.		Yes
SW	Supply chain	Collaborative opportunities	SW2.2	Have any water projects been implemented due to CDP supply chain member engagement?	SW2.2a	Yes
SW	Supply chain	Collaborative opportunities	SW2.2a	Please select the requesting CDP supply chain member(s) that have driven collaborative water projects.	SW2.2	Yes
SW	Supply chain	Water intensity (SW)	SW3.1	Provide any available water intensity values for your organization's products or services.		No