

W0. Introduction

W0.1

(W0.1) Give a general description of and introduction to your organization.

At Bunge (NYSE: BG), our purpose is to connect farmers to consumers to deliver essential food, feed and fuel to the world. With more than two centuries of experience, global scale and deeply rooted relationships, we work to put quality food on the table, increase sustainability where we operate, strengthen global food security, and help communities prosper. As a leading company in oilseed processing and a leading producer and supplier of specialty plant-based oils and fats, we value our partnerships with farmers to improve the productivity and environmental efficiency of agriculture across our value chains and to bring quality products from where they're grown to where they're consumed. At the same time, we collaborate with our customers to create and reimagine the future of food, developing tailored and innovative solutions to meet evolving dietary needs and trends in every part of the world. Our Company is headquartered in St. Louis, Missouri, and we have almost 23,000 dedicated employees working across approximately 300 facilities located in more than 40 countries.

Sustainability is core to our business. The very nature of the work we do — connecting farmers to consumers to deliver essential food, feed and fuel to the world — requires a deep understanding of the environment and market demands around us. It means we must face the realities of a changing climate and food insecurity, as we work to minimize our impact on delicate ecosystems while meeting the needs of consumers and communities.

Learn more in Bunge's 2023 Global Sustainability Report: <https://bunge.com/-/media/files/pdf/2023-bunge-sustainability-report>

W-FB0.1a/W-AC0.1a

(W-FB0.1a/W-AC0.1a) Which activities in the food, beverage, and tobacco and/or agricultural commodities sectors does your organization engage in?

Processing/Manufacturing
Distribution

W0.2

(W0.2) State the start and end date of the year for which you are reporting data.

	Start date	End date
Reporting year	January 1 2022	December 31 2022

W0.3

(W0.3) Select the countries/areas in which you operate.

- Argentina
- Austria
- Brazil
- Canada
- China
- Colombia
- Costa Rica
- Côte d'Ivoire
- Finland
- France
- Germany
- Ghana
- Guatemala
- Hungary
- India
- Indonesia
- Italy
- Malaysia
- Mexico
- Netherlands
- Panama
- Paraguay
- Poland
- Romania
- Spain
- Thailand
- Turkey
- Ukraine
- United States of America

W0.4

(W0.4) Select the currency used for all financial information disclosed throughout your response.

USD

W0.5

(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.

Companies, entities or groups over which operational control is exercised

W0.6

(W0.6) Within this boundary, are there any geographies, facilities, water aspects, or other exclusions from your disclosure?

Yes

W0.6a

(W0.6a) Please report the exclusions.

Exclusion	Please explain
Grain elevators, port terminals, offices and other facilities with low absolute amounts of water.	The water usage of these facilities and operations are minimal compared to our industrial operations and are not reported since they are not considered material.

W0.7

(W0.7) Does your organization have an ISIN code or another unique identifier (e.g., Ticker, CUSIP, etc.)?

Indicate whether you are able to provide a unique identifier for your organization.	Provide your unique identifier
Yes, an ISIN code	BMG169621056

W1. Current state

W1.1

(W1.1) Rate the importance (current and future) of water quality and water quantity to the success of your business.

	Direct use importance rating	Indirect use importance rating	Please explain
Sufficient amounts of good quality freshwater available for use	Important	Important	<p>Direct Use: Water is important to run Bunge's production facilities. Bunge uses water primarily for heating and cooling purposes, but also in certain production processes and for food safety measures and hence requires access to sufficient amounts of good quality water.</p> <p>While the majority of our operating plants and facilities are located in regions not experiencing high water stress, the ones that do require additional focus and efforts and subsequently have higher water reduction targets.</p> <p>Future dependency: We expect our reliance on sufficient amounts of good quality freshwater to stay similar, with overall water use applications staying similar while having water reduction targets in place. We expect some deteriorating quality but that is limited to individual plants, only.</p> <p>Indirect Use: Bunge sources agricultural commodities from farmers around the world, and water is required to grow those crops. Adverse weather conditions may cause volatility in the agricultural commodity industry and impact availability, quality and price of agricultural commodities. To date the majority of crop volumes sourced are rain fed, with some produced in areas reliant on irrigation.</p> <p>Future dependency: As main water source is rainwater we do not expect major changes on our sufficient water availability or quality dependency within the medium term. future dependency on water availability may evolve with adverse weather conditions as a result of climate change such as changes in rainfall patterns, water shortages, changing sea levels, changing storm patterns and intensities, shifts in agricultural production areas, changing temperature levels, and climatic volatility. The potential physical impacts of climate change are uncertain and may vary by region. Bunge's global asset footprint helps to mitigate this potential risk.</p>
Sufficient amounts of recycled, brackish and/or produced water available for use	Important	Not very important	<p>Direct use: Bunge utilizes sea water for cooling at selected facilities.</p> <p>Future dependency: Bunge's dependency is not expected to change substantially.</p> <p>Indirect Use: Main indirect water use is for growing of agricultural crops. Crops typically have limited tolerance for brackish water; and therefor the application within crop growing is low. Main water source for crops we source is rainwater, therefore we consider the importance for recycled water not important.</p> <p>Future dependency: We do not expect major changes due to our limited use, directly and indirectly.</p>

W-FB1.1a/W-AC1.1a

(W-FB1.1a/W-AC1.1a) 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.

Agricultural commodities	% of revenue dependent on these agricultural commodities	Produced and/or sourced	Please explain
Soy	41-60	Sourced	Soy sourced is predominantly rainfed.
Palm oil	Less than 10%	Sourced	Palm is predominantly rainfed.

W1.2

(W1.2) Across all your operations, what proportion of the following water aspects are regularly measured and monitored?

	% of sites/facilities/operations	Frequency of measurement	Method of measurement	Please explain
Water withdrawals – total volumes	76-99	Monthly	Predominantly using flowmeters or hydrometers.	In many plants water withdrawals are continuously monitored. Volumes are reported monthly at plant level and aggregated in a central database. Data is taken predominantly from flow and hydrometers, as well as water bills. We assume informed estimates where we cannot yet measure and are in process of closing these gaps.
Water withdrawals – volumes by source	76-99	Monthly	Predominantly using flowmeters or hydrometers.	In many plants water withdrawals by source are continuously monitored. Volumes are reported monthly at plant level and aggregated in a central database. Data is taken predominantly from flow and hydrometers as well as water bills. We assume informed estimates where we cannot yet measure and are in process of closing these gaps.
Entrained water associated with your metals & mining and/or coal sector activities - total volumes [only metals and mining and coal sectors]	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Produced water associated with your oil & gas sector activities - total volumes [only oil and gas sector]	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Water withdrawals quality	76-99	Other, please specify (Frequency of measurement depends on plant specific water use and legal requirements and can range between daily to annual frequency.)	Internal or external lab analysis.	We measure and monitor quality of water withdrawals where relevant at plant level, either by internal lab analysis or using external services in compliance with Bunge's quality and safety policies and legal requirements.
Water discharges – total volumes	76-99	Monthly	Predominantly using flowmeters or water bills.	Water discharge is measured at site level using flowmeters. For some sites, information related to water discharge is estimated where we cannot yet measure and are in process of closing these gaps. Data is centrally aggregated on a monthly basis.
Water discharges – volumes by destination	76-99	Monthly	Predominantly using flowmeters or water bills.	Water discharge is measured at site level using flowmeters. For some sites, information related to water discharge is estimated where we cannot yet measure and are in process of closing these gaps. Data is centrally aggregated on a monthly basis.
Water discharges – volumes by treatment method	76-99	Monthly	Flowmeters.	Water discharge is measured at site level using flowmeters. For some sites, information related to water discharge is estimated where we cannot yet measure and are in process of closing these gaps. Data is centrally aggregated on a monthly basis.
Water discharge quality – by standard effluent parameters	76-99	Other, please specify (Frequency of measurement depends on plant specific water use case and can range between continuously to monthly.)	Continuously where we have automated equipment is installed, as well as internal or external lab analysis in other cases.	Water discharge quality is tested in accordance with local regulations and in compliance with Bunge's quality and safety policies using either automatic equipment or lab analysis (internally or externally).
Water discharge quality – emissions to water (nitrates, phosphates, pesticides, and/or other priority substances)	26-50	Other, please specify (Frequency of measurement can range between continuously to bi-annually, we report as per environmental permit requirements.)	Continuously where we have automated equipment is installed, as well as internal or external lab analysis in other cases.	We measure and monitor these parameters in 100% of plants where legally required. Water discharge quality is tested in accordance with local regulation and in compliance with Bunge's quality and safety policies using either automatic equipment or lab analysis (internally or externally).
Water discharge quality – temperature	51-75	Daily	Automated electronic equipment.	Water discharge temperature is monitored at plant level where relevant and in accordance with legal requirements using automated equipment.
Water consumption – total volume	76-99	Other, please specify (Depending on plant this can range between daily and monthly.)	Predominantly using flowmeters, hydrometers or by water balance which considers water withdrawals and water discharge.	Water consumption is measured in all sites where water is added to the final product at processing step. For all other sites, water consumption is estimated based on monthly reported water withdrawals and discharge volumes.
Water recycled/reused	26-50	Other, please specify (Depending on plant the frequency can range between daily and monthly.)	Predominantly using flowmeters or hydrometers.	We measure and monitor recycled/reused volumes in all plants where relevant, mainly where we use closed loop systems for cooling using predominantly flowmeters or hydrometers.
The provision of fully-functioning, safely managed WASH services to all workers	100%	Continuously	Water for WASH services is predominantly supplied by municipal services. We have 3rd party or inhouse testing in case water for WASH services is provided from another source.	WASH services are provided to all Bunge employees and contractors across our operating locations and geographies. Each site complies at minimum with local regulation.

W1.2b

(W1.2b) What are the total volumes of water withdrawn, discharged, and consumed across all your operations, how do they compare to the previous reporting year, and how are they forecasted to change?

	Volume (megaliters/year)	Comparison with previous reporting year	Primary reason for comparison with previous reporting year	Five-year forecast	Primary reason for forecast	Please explain
Total withdrawals	87538.95	Higher	Other, please specify (Improvement in data collection as more plants are reporting as well as providing enhanced data granularity.)	About the same	Other, please specify (Combination of increase in efficiency, investments in new technologies and processes, with mergers and acquisition.)	Bunge has targets to reduce water withdrawals and uses a combination of increase in efficiency, investments in new technologies and processes in order to meet them. However, with potential future mergers and acquisitions this may level out.
Total discharges	74664.6	Higher	Other, please specify (Improvement in data collection as more plants are reporting as well as providing enhanced data granularity.)	About the same	Other, please specify (Combination of increase in efficiency, investments in new technologies and processes, with mergers and acquisition.)	Bunge has targets to reduce water withdrawals and uses a combination of increase in efficiency, investments in new technologies and processes in order to meet them. However, with potential future mergers and acquisitions this may level out.
Total consumption	12874.35	Higher	Increase/decrease in efficiency	Lower	Other, please specify (Combination of increase in efficiency, investments in new technologies and processes.)	Bunge has targets to reduce water withdrawals and uses a combination of increase in efficiency, investments in new technologies and processes in order to meet them. We expect this to overall lower water consumption.

W1.2d

(W1.2d) Indicate whether water is withdrawn from areas with water stress, provide the proportion, how it compares with the previous reporting year, and how it is forecasted to change.

	Withdrawals are from areas with water stress	% withdrawn from areas with water stress	Comparison with previous reporting year	Primary reason for comparison with previous reporting year	Five-year forecast	Primary reason for forecast	Identification tool	Please explain
Row 1	Yes	11-25	Higher	Other, please specify (Change in accounting methodology: we are excluding seawater from the calculation.)	Lower	Other, please specify (Bunge has a 25% reduction withdrawal intensity target for facilities located in high water stress areas by 2026. We are investing in new projects and technologies in order to accomplish this goal.)	WRI Aqueduct Other, please specify (WRI Aqueduct combined with internal survey.)	To identify facilities in water stressed areas we combined results from 2 tools: 1. We mapped all our facilities using the water stress dataset of the WRI Aqueduct tool and identified any facilities in an area with a baseline water stress of 40% or higher. 2. We conducted an internal survey, consulting local teams to gather local insights on water related challenges per facility. Facilities were deemed to be in areas with water stress if the local survey confirmed WRI Aqueduct results, or highlighted challenges that were not visible in WRI Aqueduct's global water stress dataset. We have a specific freshwater withdrawal intensity reduction target of 25% for these facilities.

W-FB1.2e/W-AC1.2e

(W-FB1.2e/W-AC1.2e) For each commodity reported in question W-FB1.1a/W-AC1.1a, do you know the proportion that is produced/sourced from areas with water stress?

Agricultural commodities	The proportion of this commodity produced in areas with water stress is known	The proportion of this commodity sourced from areas with water stress is known	Please explain
Soy	No, not currently but we intend to obtain this data within the next two years	No, not currently but we intend to collect this data within the next two years	As a global Agri-food company, we source from all over the world and our assets might not directly linked with sourcing regions. However, we have started to gather information at farmer levels like commodity produced/sourced in water stress areas.
Palm oil	No, not currently but we intend to obtain this data within the next two years	No, not currently but we intend to collect this data within the next two years	As a global Agri-food company, we source from all over the world and our assets might not directly linked with sourcing regions. However, we have started to gather information at farmer levels like commodity produced/sourced in water stress areas.

W1.2h

(W1.2h) Provide total water withdrawal data by source.

	Relevance	Volume (megaliters/year)	Comparison with previous reporting year	Primary reason for comparison with previous reporting year	Please explain
Fresh surface water, including rainwater, water from wetlands, rivers, and lakes	Relevant	11525.99	About the same	Increase/decrease in business activity	<p>Relevance: The availability of water is important for our operations, freshwater sources are rivers and lakes. As per W1.2 majority of volumes are measured, we are in process of closing gaps.</p> <p>Primary reason for comparison with previous reporting year: We have fluctuations in regional production levels while size of regional footprints vary, hence regional impacts also differ. In 2022 this resulted to an about the same absolute freshwater withdrawal volume against our 2021 figure.</p>
Brackish surface water/Seawater	Relevant	54729.83	Higher	Change in accounting methodology	<p>Relevance: The availability of water is important for our operations. As per W1.2 majority of volumes are measured, and we are in process of closing gaps.</p> <p>Primary reason for comparison with previous reporting year: More facilities are reporting measured volumes.</p>
Groundwater – renewable	Relevant	6143.95	About the same	Increase/decrease in business activity	<p>Relevance: The availability of water is important for our operations. The majority of facilities that are withdrawing groundwater are using renewable groundwater. As per W1.2 majority of volumes are measured, we are in process of closing gaps.</p> <p>Primary reason for comparison with previous reporting year: We have fluctuations in regional production levels while size of regional footprints vary, hence regional impacts also differ. In 2022 this resulted to an about the same renewable groundwater withdrawal volume against our 2021 figure.</p>
Groundwater – non-renewable	Relevant	4631.29	Lower	Increase/decrease in business activity	<p>Relevance: The availability of water is important for our operations. As per W1.2 majority of volumes are measured, we are in process of closing gaps.</p> <p>Primary reason for comparison with previous reporting year: We have fluctuations in regional production levels while sizes of regional footprints vary, hence regional impacts also differ. In 2022 this resulted to a lower non renewable groundwater withdrawal volume against our 2021 figure.</p>
Produced/Entrained water	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	<p>Relevance: Volumes of produced water from commodity crushing process are not material vs our withdrawn water for processing.</p> <p>Primary reason for comparison with previous reporting year: No changes in our processes.</p>
Third party sources	Relevant	10507.89	Lower	Increase/decrease in business activity	<p>Relevance: The availability of water is important for our operations. As per W1.2 majority of volumes are measured, we are in process of closing gaps.</p> <p>Primary reason for comparison with previous reporting year: Lower production levels in facilities that withdrawal from third party source.</p>

W1.2i

(W1.2i) Provide total water discharge data by destination.

	Relevance	Volume (megaliters/year)	Comparison with previous reporting year	Primary reason for comparison with previous reporting year	Please explain
Fresh surface water	Relevant	13375.86	About the same	Increase/decrease in business activity	We have fluctuations in regional production levels while size of regional footprints vary, hence regional impacts also differ. In 2022 this resulted to an about the same absolute freshwater discharge volume against our 2021 figure.
Brackish surface water/seawater	Relevant	54729.83	Higher	Change in accounting methodology	More facilities are reporting.
Groundwater	Relevant	0.12	About the same	Increase/decrease in business activity	We have fluctuations in regional production levels while sizes of regional footprints vary, hence regional impacts also differ. In 2022 this resulted to an about the same absolute groundwater discharge volume against our 2021 figure.
Third-party destinations	Relevant	6558.8	Lower	Increase/decrease in business activity	Lower production levels in facilities that discharge to third party sources.

W1.2j

(W1.2j) Within your direct operations, indicate the highest level(s) to which you treat your discharge.

	Relevance of treatment level to discharge	Volume (megaliters/year)	Comparison of treated volume with previous reporting year	Primary reason for comparison with previous reporting year	% of your sites/facilities/operations this volume applies to	Please explain
Tertiary treatment	Relevant	487.55	About the same	Change in accounting methodology	1-10	Primary reason for change: More plants are reporting more granular data. Relevance of treatment level to discharge: We use tertiary treatment where necessary to meet or exceed applicable water-related laws and regulations. Currently this only applies for selected facilities.
Secondary treatment	Relevant	12888.31	Higher	Change in accounting methodology	41-50	Primary reason for change: More plants are reporting more granular data. Relevance of treatment level to discharge: We use secondary treatment where necessary to meet or exceed applicable water-related laws and regulations. Many of our facilities are using secondary treatment.
Primary treatment only	Relevant	706.58	Higher	Change in accounting methodology	21-30	Primary reason for change: More plants are reporting more granular data. Relevance of treatment level to discharge: Where sufficient we use primary treatment to meet or exceed applicable water-related laws and regulations.
Discharge to the natural environment without treatment	Relevant	54729.83	Higher	Change in accounting methodology	1-10	Primary reason for change: More facilities are reporting. Relevance of treatment level to discharge: Water for cooling purposes is discharged to the natural environment without treatment when meeting or exceeding applicable water-related laws and regulations.
Discharge to a third party without treatment	Relevant	5852.34	Lower	Change in accounting methodology	21-30	Primary reason for change: More plants are reporting more granular data. Relevance of treatment level to discharge: Water is discharged to a third party without treatment when meeting or exceeding applicable water-related laws and regulations.
Other	Please select	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>	

W1.2k

(W1.2k) Provide details of your organization's emissions of nitrates, phosphates, pesticides, and other priority substances to water in the reporting year.

	Emissions to water in the reporting year (metric tonnes)	Category(ies) of substances included	List the specific substances included	Please explain
Row 1		Nitrates Phosphates	<Not Applicable>	Our facilities have crushing and refining processes during which nitrates and phosphates are released into our wastewater. We measure and monitor water discharge quality at facility level in accordance with local regulation and in compliance with Bunge's quality and safety policies, but currently do not measure total global emissions in mt. We cannot estimate total global emissions in mt as we have many different activities and different concentration levels depending on facility. Bunge is further working to improve levels of water discharge quality by e.g. installation of new control equipment.

W1.3

(W1.3) Provide a figure for your organization's total water withdrawal efficiency.

	Revenue	Total water withdrawal volume (megaliters)	Total water withdrawal efficiency	Anticipated forward trend
Row 1	6720000 0000	87538.95		In 2016 Bunge established ten-year freshwater withdrawal intensity reduction targets, aiming to globally reduce by 10% per ton of production, and by 25% in areas of high water stress. As a result, we have implemented new technologies that see gradual decreases in water intensity year over year. We anticipate that we will continue to implement best practices particularly in plants that are located in high water stress areas, hence expect to increase total water withdrawal efficiency.

W-FB1.3/W-AC1.3

(W-FB1.3/W-AC1.3) Do you collect/calculate water intensity for each commodity reported in question W-FB1.1a/W-AC1.1a?

Agricultural commodities	Water intensity information for this produced commodity is collected/calculated	Water intensity information for this sourced commodity is collected/calculated	Please explain
Soy	No, not currently but we intend to collect/calculate this data within the next two years	No, not currently but we intend to collect/calculate this data within the next two years	Water intensity by crop within our operations and through the rest of the value chain (mainly at cultivation) will be an area of focus within the next years.
Palm oil	No, not currently but we intend to collect/calculate this data within the next two years	No, not currently but we intend to collect/calculate this data within the next two years	Water intensity by crop within our operations and through the rest of the value chain (mainly at cultivation) will be an area of focus within the next years.

W1.4

(W1.4) Do any of your products contain substances classified as hazardous by a regulatory authority?

	Products contain hazardous substances	Comment
Row 1	No	<p>We do not deliberately produce products containing substances classified as hazardous by a regulatory authority. Hazardous substances may be present in some raw materials which could result to potential traces of these substances being found in our products. However, this is an infrequent occurrence. Bunge's Quality, Food and Feed Safety Policy commits us to deliver best-in-class results for our products and our people. It is a key part of what we do, and all employees have a role to ensure everyone in our value chain shares responsibility following our policy.</p> <p>In addition to following all regulations related to water management we adhere to our Environmental Policy. Bunge has been proactively advancing our management of water through our Environmental Working Group. We also introduced a global standardized procedure with which we assess and improve each facility to ensure all demonstrate to deliver world class environmental and sustainable results.</p>

W1.5

(W1.5) Do you engage with your value chain on water-related issues?

	Engagement	Primary reason for no engagement	Please explain
Suppliers	Yes	<Not Applicable>	<Not Applicable>
Other value chain partners (e.g., customers)	Yes	<Not Applicable>	<Not Applicable>

W1.5a

(W1.5a) Do you assess your suppliers according to their impact on water security?

Row 1

Assessment of supplier impact

No, we do not currently assess the impact of our suppliers, but we plan to do so within the next two years

Considered in assessment

<Not Applicable>

Number of suppliers identified as having a substantive impact

<Not Applicable>

% of total suppliers identified as having a substantive impact

<Not Applicable>

Please explain

Bunge engages with farmers on sustainable practices and has developed programs in partnership with suppliers and customers to monitor and track sustainability indicators including water use and irrigation. We are currently running this program in a number of locations. Bunge has partnered with NGOs and other players in the agricultural supply chain in order to provide tools and information that lead to better management of water resources. Examples are the booklet developed in partnership with the Nature Conservancy for farmers in the Brazilian Cerrado, as well as the Field to Market initiative in the United States where farmers have tools to manage and benchmark their water use. At this stage we have not defined substantive impact nor assessed the impact of our suppliers, we are considering this as a next step.

W1.5b

(W1.5b) Do your suppliers have to meet water-related requirements as part of your organization's purchasing process?

	Suppliers have to meet specific water-related requirements	Comment
Row 1	No, but we plan to introduce water-related requirements within the next two years	In 2022, Bunge began pilots of multiple regenerative agriculture projects in Europe, South America and North America. In partnership with customers and farmers, we're helping to scale farming practices that will result in productive crop yields that put less pressure on the land and sequester CO2 into the soil, while improving overall water management. Over time, regenerative agriculture is expected to help companies including Bunge to meet their emissions goals while creating new income streams for farmers. We expect these programs to grow and become a key part of our business.

W1.5d

(W1.5d) Provide details of any other water-related supplier engagement activity.

Type of engagement

Information collection

Details of engagement

Collect water management information at least annually from suppliers

Collect water quantity information at least annually from suppliers (e.g., withdrawal and discharge volumes)

Other, please specify (Educate suppliers about water stewardship and collaboration)

% of suppliers by number

Less than 1%

% of suppliers with a substantive impact

<Not Applicable>

Rationale for your engagement

Bunge is a global Agri business with operations in over 40 countries and a significant share of raw materials comes directly from farmers. One of Bunge's objectives is to create sustainable value chains, therefore Bunge engages with farmers to establish baselines and inform further activities to drive best sustainable practice. Bunge has also developed programs in partnership with suppliers and customers to monitor and track sustainability indicators including fertilizer/ pesticide application, water use and irrigation. We are currently running programs in a number of locations.

Impact of the engagement and measures of success

Bunge has partnered with NGOs and other players in the agricultural supply chain in order to provide tools and information that lead to better management of water resources. Examples are the booklet developed in partnership with the Nature Conservancy for farmers in the Brazilian Cerrado, as well as the Field to Market initiative in the United States where farmers have tools to manage and benchmark their water use.

Comment

We expect these programs to grow.

Type of engagement

Incentivization

Details of engagement

Offer financial incentives to suppliers improving water management and stewardship across their own operations and supply chain

% of suppliers by number

1-25

% of suppliers with a substantive impact

<Not Applicable>

Rationale for your engagement

One of Bunge's objectives is to create sustainable value chains, and one element to encourage sustainable agricultural practices can be certifications. Bunge sources commodities that are certified. Some of these certification standards contain specific criteria for commodity producers to maintain or improve water usage and quality.

Impact of the engagement and measures of success

We source certified commodities based on market demand. Bunge is one of the largest buyers of certified soybeans and palm products and delivers them to markets across multiple geographies.

Comment

W1.5e

(W1.5e) Provide details of any water-related engagement activity with customers or other value chain partners.

Type of stakeholder

Customers

Type of engagement

Innovation & collaboration

Details of engagement

Collaborate with stakeholders on innovations to reduce water impacts in products and services

Encourage stakeholders to work collaboratively with other users in their river basins toward sustainable water management

Other, please specify (Educate and work with stakeholders on understanding and measuring exposure to water-related risks.)

Rationale for your engagement

Since 2006, Bunge has funded and run Soya Recicla, the largest voluntary vegetable oil disposal program in Brazil. The aim of this program is to encourage users of cooking oil to dispose of the used oil responsibly, reducing the negative impact that improper disposal has on local and national water sources.

Impact of the engagement and measures of success

Soya Recicla: The program provides a network of over 2,000 collection spots and in 2021 alone collected approximately 1.5 million liters of spent cooking oil in six states. The program provides users with an easy access map of where they can find the closest collection point. This program incentivizes consumers by allowing them to exchange 2 liters of cooking oil for 2 bars of organic soap. The use of the organic soap also contributes to a cleaner water system because its production doesn't use herbicides, pesticides or chemical fertilizers which can pollute water courses.

W2. Business impacts

W2.1

(W2.1) Has your organization experienced any detrimental water-related impacts?

No

W2.2

(W2.2) In the reporting year, was your organization subject to any fines, enforcement orders, and/or other penalties for water-related regulatory violations?

	Water-related regulatory violations	Fines, enforcement orders, and/or other penalties	Comment
Row 1	Yes	Fines, but none that are considered as significant	An effluent sample taken by the authorities exceeded limits of the environmental permit, there were no criminal sanctions. We consider this fine non-significant as this was for a single incident. In this specific case it is unclear whether the sample taken shows actual effluent limits as it was taken from an unusual filter location. We are preparing this location into an official sample collection point which includes some construction works to ensure that future samples are in compliance with legal thresholds.

W2.2a

(W2.2a) Provide the total number and financial value of all water-related fines.

Row 1

Total number of fines

1

Total value of fines

54961

% of total facilities/operations associated

1.11

Number of fines compared to previous reporting year

Higher

Comment

An effluent sample taken by the authorities exceeded limits of the environmental permit, there were no criminal sanctions. We consider this fine significant as this was for a single incident. In this specific case it is unclear whether the sample taken shows actual effluent limits as it was taken from an unusual filter location. We are preparing this location into an official sample collection point which includes some construction works to ensure that future samples are in compliance with legal thresholds.

W3. Procedures

W3.1

(W3.1) Does your organization identify and classify potential water pollutants associated with its activities that could have a detrimental impact on water ecosystems or human health?

	Identification and classification of potential water pollutants	How potential water pollutants are identified and classified	Please explain
Row 1	Yes, we identify and classify our potential water pollutants	Bunge's Quality, Food and Feed Safety Policy commits us to deliver best-in-class results for our products and our people. It is a key part of what we do, and all employees have a role to ensure everyone in our value chain shares responsibility following our policy. As a leader in the global food production chain and with operations in areas of water stress, we work continuously to improve our integrated operations and create highest level of quality ecosystems and human health. We continually build our employees' QFS skills through training and development and leverage comprehensive Quality and Food Safety Management Systems that incorporate standardized policies to help us achieve our overall mission. In addition to following all regulations related to water management we adhere to our Environmental Policy. Bunge has been proactively advancing our management of water through our Environmental Working Group. We also introduced a global standardized procedure with which we assess and improve each facility to ensure all demonstrate to deliver world class environmental and sustainable results.	<Not Applicable>

W3.1a

(W3.1a) Describe how your organization minimizes the adverse impacts of potential water pollutants on water ecosystems or human health associated with your activities.

Water pollutant category

Nitrates

Description of water pollutant and potential impacts

Nitrates stimulate the growth of algae. This affects the natural ecosystem and can lead to depletion of the oxygen in the water causing eutrophication. Eutrophication impacts biodiversity.

Value chain stage

Direct operations

Actions and procedures to minimize adverse impacts

Assessment of critical infrastructure and storage condition (leakages, spillages, pipe erosion etc.) and their resilience

Beyond compliance with regulatory requirements

Industrial and chemical accidents prevention, preparedness, and response

Discharge treatment using sector-specific processes to ensure compliance with regulatory requirements

Upgrading of process equipment/methods

Please explain

Bunge is dedicated to the well-being of the communities where we operate through continuous improvement in environmental management at every location.

With our global Environmental Policy we committed to implementing innovative solutions to minimize our environmental footprint. As per our principles:

- We comply with environmental laws, regulations and requirements applicable to our processes, products, services and projects.
- We promote continuous environmental improvement by providing adequate resources, applying environmental management principles, utilizing environmental risk assessments and measuring environmental performance associated with our facilities, processes, products, services and projects.
- We further seek environmentally sustainable development through pollution prevention, waste minimization, reuse and recycling in our processes, products, services and projects.

Bunge has been proactively advancing our management of water through our Environmental Working Group. We introduced a global standardized procedure with which we assess and improve each facility to ensure all will deliver specified environmental and sustainable results. In addition, we are looking into new projects and technologies (e.g. digitalization) that can bring further enhancements. We are currently working on a pilot that will inform exact scope. Bunge expects this to be done July 2025.

Water pollutant category

Phosphates

Description of water pollutant and potential impacts

Phosphates stimulate the growth of algae. This affects the natural ecosystem and can lead to depletion of the oxygen in the water causing eutrophication. Eutrophication impacts biodiversity.

Value chain stage

Direct operations

Actions and procedures to minimize adverse impacts

Assessment of critical infrastructure and storage condition (leakages, spillages, pipe erosion etc.) and their resilience

Beyond compliance with regulatory requirements

Industrial and chemical accidents prevention, preparedness, and response

Discharge treatment using sector-specific processes to ensure compliance with regulatory requirements

Upgrading of process equipment/methods

Please explain

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W3.3

(W3.3) Does your organization undertake a water-related risk assessment?

Yes, water-related risks are assessed

W3.3a

(W3.3a) Select the options that best describe your procedures for identifying and assessing water-related risks.

Value chain stage

Direct operations

Coverage

Full

Risk assessment procedure

Water risks are assessed as a standalone issue

Frequency of assessment

Every three years or more

How far into the future are risks considered?

3 to 6 years

Type of tools and methods used

Tools on the market

Enterprise risk management

Tools and methods used

WRI Aqueduct

COSO Enterprise Risk Management Framework

Other, please specify (IPCC Climate Change Projections)

Contextual issues considered

Water availability at a basin/catchment level

Water quality at a basin/catchment level

Implications of water on your key commodities/raw materials

Stakeholders considered

Customers

Employees

Investors

NGOs

Regulators

Suppliers

Comment

Risk Management In 2021, Bunge began implementing enhancements to its enterprise risk management ("ERM") framework by incorporating more detailed sustainability risks and opportunities into the ERM process. These include, among others, risks emanating from changing climate and weather patterns as well as water scarcity. This process was further enhanced in 2022 by adding risk factors into the ERM framework. We use WRI Aqueduct as well as the other tools to assess these risks. Risks and opportunities are assessed and prioritized on potential operational cost impacts and other financial implications. Impacts may vary depending on regional differences.

Value chain stage

Supply chain

Coverage

Partial

Risk assessment procedure

Water risks are assessed as a standalone issue

Frequency of assessment

Every three years or more

How far into the future are risks considered?

3 to 6 years

Type of tools and methods used

Tools on the market

Enterprise risk management

Tools and methods used

WRI Aqueduct

COSO Enterprise Risk Management Framework

Other, please specify (IPCC Climate Change Projections)

Contextual issues considered

Water availability at a basin/catchment level

Implications of water on your key commodities/raw materials

Stakeholders considered

Customers

Employees

Investors

NGOs

Regulators

Suppliers

Comment

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W3.3b

(W3.3b) 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.

	Rationale for approach to risk assessment	Explanation of contextual issues considered	Explanation of stakeholders considered	Decision-making process for risk response
Row 1	<p>Value chain hotspots for Agribusiness are most material in upstream supply chain and processing, vs transport, distribution, marketing, retail and use of products. This is why we focus on assessing own operation and supply chain:</p> <p>1. Full coverage for own operations: The assessment is an integral part to define operational water targets. Bunge depends on sufficient amounts of good quality water to run our production facilities, as well as requires to understand future flooding risks to inform mitigation activities.</p> <p>2. Partial coverage for supply chain: Bunge sources agricultural commodities from farmers around the world, and water is required to grow those crops. Objective is to assess and prioritise sections of our supply chain with highest impact and dependency on water, hence we focus on key raw materials accounting for majority of volumes sourced and exclude raw materials with residual volumes.</p> <p>We combine a range of tools to identify risks: WRI Aqueduct (water stress dataset) combined with internal company methods adding local input to identify facilities in water stress areas with the objective to prioritise these. COSO Enterprise Risk Management and IPCC Climate Change Projection to look at financial impacts on own operations as well as raw materials sourced.</p> <p>We are in process of a risk assessment of our full supply chain with an extended scope of contextual issues.</p>	<p>We consider water availability at a basin/ catchment level, water quality at basin/ catchment level and implication of water on your key commodities/ raw materials as key contextual issues for own operations as well as our supply chain due to their potential financial, regulatory and reputational risk. With increasing shared water challenges we are in process of a risk assessment of our full supply chain with an extended scope of contextual issues.</p>	<p>We consider Investors, Customers, NGOs, Regulators, Employees and Suppliers as key stakeholders to address shared water challenges and resulting risks and opportunities.</p>	<p>Contextual and stakeholder information is collected to inform strategy and set meaningful targets for priority areas (topical and geographical) to mitigate inherent risks. This process is repeated every 3-6 years to reevaluate, review strategy and scope of targets to minimize inherent risk and ensure that business objectives can be met.</p>

W4. Risks and opportunities

W4.1

(W4.1) Have you identified any inherent water-related risks with the potential to have a substantive financial or strategic impact on your business?

No

W4.1a

(W4.1a) How does your organization define substantive financial or strategic impact on your business?

Bunge has a Corporate Risk Management Committee in its corporate structure, responsible for reviewing and approving the Company's risk management policies and any material changes thereto. The risks covered by the Management Committee include:

- Commodity price risk;
- Market risk;
- Liquidity, interest rate and financing risk;
- Credit and counterparty risk;
- Country risk;
- Risks related to climate change.

When considering these risks, three criteria are evaluated: possibility of occurrence, magnitude of risk and power to mitigate. These risks are directly linked to the substantive impact understood by Bunge, which is the impact related to the potential loss of customer demand for our products or the ability to supply products in sufficient volumes to meet demand. Bunge also has a Risk Management Committee and a Sustainability and Corporate Responsibility Committee on its Board of Directors, which are responsible for assisting the Board and the Corporate Risk Management Committee in fulfilling their supervisory responsibility, identifying, evaluating and continuously monitoring sustainability, corporate social responsibility and trends, environmental issues, risks and concerns that may affect the Company's activities and business performance.

Since 2021, Bunge has been enhancing its enterprise risk management (ERM) process by incorporating more detailed climate-related risks and opportunities. With support from a third-party expert, we developed a climate risk analysis (CRA) framework aligned with the TCFD framework to incorporate physical and transition risks into our analysis and strategic planning. Importantly, we desired to quantify the potential exposure to our business, which required that we assess the financial magnitude of all risks identified. To understand and quantify the direct physical risks to our assets and operations, we partnered with an outside expert firm to capture the modelled average annual loss (MAAL) of our major facilities and port locations. For the transition risks, we used our internal expertise to quantify each expected risk across a range of less than \$50M to greater than \$500M. We define substantive financial risks as those which can incur costs of \$200,000,000 or more, which would constitute a magnitude of 4 or above in our ERM process. We believe this high threshold underscores Bunge's ability to leverage its global asset footprint to mitigate against climate-related risks, helping to reinforce the climate resilience of our business. In addition, we assessed the likelihood of these risks occurring and our ability to mitigate against each risk. In doing so, we were able to prioritize risks based on short-, medium- and long-term scenarios across RCP 4.5 and RCP 8.5, providing insight into potential actions we could take to adapt our business.

Adverse weather conditions, including as a result of climate change, may adversely affect the availability, quality and price of agricultural commodities and agricultural commodity products, as well as our operations and operating results. Adverse weather conditions have historically caused volatility in the agricultural commodity industry and consequently in our operating results by causing crop failures or significantly reduced harvests, which may affect the supply and pricing of the agricultural commodities that we sell and use in our business, reduce demand for our products and negatively affect the creditworthiness of agricultural producers who do business with us.

Severe adverse weather conditions, such as hurricanes or severe storms, may also result in extensive property damage, extended business interruption, personal injuries and other loss and damage to us. Our operations also rely on dependable and efficient transportation services. A disruption in transportation services, as a result of weather conditions or otherwise, may also significantly adversely impact our operations.

Additionally, the potential physical impacts of climate change are uncertain and may vary by region. These potential effects could include changes in rainfall patterns, water shortages, changing sea levels, changing storm patterns and intensities, and changing temperature levels that could adversely impact our costs and business operations, the location, costs and competitiveness of global agricultural commodity production and related storage and processing facilities and the supply and demand for agricultural commodities. These effects could be material to our results of operations, liquidity or capital resources.

Finally, our business could be affected in the future by the regulation or taxation of greenhouse gas emissions or policies related to national emission reduction plans. We regularly assess the potential impacts to our business resulting from regulation or policies aimed at reducing greenhouse gas emissions.

W4.2b

(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?

	Primary reason	Please explain
Row 1	Risks exist, but no substantive impact anticipated	Bunge is a global company operating in over 40 countries. Due to this any individual facility exposed to water related risks is currently considered unlikely to have the potential to have a substantial financial or strategic impact to the global company as a whole. We further periodically assess our facilities on water related risks using a range of tools as described in W3.3a including the WRI Aqueduct tool, to understand facility related risks to put mitigation strategies in place. We will continue to monitor and assess going forward.

W4.2c

(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?

	Primary reason	Please explain
Row 1	Risks exist, but no substantive impact anticipated	Bunge sources rain-fed crops from a variety of locations around the world, some of which are at risk due to changing weather patterns and reduced rainfall as a result of climate change. However, our global asset footprint is a natural mitigant to this risk and reduces any negative substantial financial or strategic impacts on the company. For instance, suppliers in high stress regions of North America that are at risk of lower crop yields due to changed weather patterns can be supplemented by supply from other areas of Bunge's global supply chain that are not directly affected by water risk. We will continue to monitor and assess going forward.

W4.3

(W4.3) Have you identified any water-related opportunities with the potential to have a substantive financial or strategic impact on your business?

Yes, we have identified opportunities, and some/all are being realized

W4.3a

(W4.3a) Provide details of opportunities currently being realized that could have a substantive financial or strategic impact on your business.

Type of opportunity

Products and services

Primary water-related opportunity

Increased sales of existing products/services

Company-specific description & strategy to realize opportunity

Near-term dislocations in global agricultural trade flows due to climate or water related impacts on agricultural production and commodity availability present opportunities for Bunge to leverage its global asset network to serve customers and meet demand in times of shortage.

Estimated timeframe for realization

Current - up to 1 year

Magnitude of potential financial impact

Medium-high

Are you able to provide a potential financial impact figure?

No, we do not have this figure

Potential financial impact figure (currency)

<Not Applicable>

Potential financial impact figure – minimum (currency)

<Not Applicable>

Potential financial impact figure – maximum (currency)

<Not Applicable>

Explanation of financial impact

Bunge has a diverse supply chain spread over many geographical regions. Bunge’s diverse global operations enable it both to promote and benefit from virtual water trade by supplying regions with water-intensive crops that cannot be efficiently produced locally. This has been included due to the strategic impact that it could have on the business.

W6. Governance

W6.1

(W6.1) Does your organization have a water policy?

Yes, we have a documented water policy that is publicly available

W6.1a

(W6.1a) Select the options that best describe the scope and content of your water policy.

Row	Scope	Content	Please explain
1	Company-wide	Description of the scope (including value chain stages) covered by the policy Commitment to prevent, minimize, and control pollution Commitment to reduce water withdrawal and/or consumption volumes in direct operations Reference to company water-related targets Recognition of environmental linkages, for example, due to climate change	Bunge has a global environmental policy and distinct water performance targets. Principles of the policy include: - We comply with environmental laws, regulations and requirements applicable to our processes, products, services and projects. - We promote continuous environmental improvement by providing adequate resources, applying environmental management principles, utilizing environmental risk assessments and measuring environmental performance associated with our facilities, processes, products, services and projects. - We seek environmentally sustainable development through pollution prevention, waste minimization, reuse and recycling in our processes, products, services and projects. - We demonstrate social responsibility by seeking to meet the environmental needs of our communities and by promoting the responsible use of natural resources. - We engage employees and contractors in environmental sustainability efforts and providing adequate training to enhance environmental management practices. - We establish environmental goals and are transparent in our progress toward these goals. Water is an important component and we have set global targets in place to reduce freshwater intensity: (10% globally per metric ton of production, with 25% reduction in high stress areas) Additionally Bunge is a signatory of the UN CEO Water Mandate.

W6.2

(W6.2) Is there board level oversight of water-related issues within your organization?

Yes

W6.2a

(W6.2a) Identify the position(s) (do not include any names) of the individual(s) on the board with responsibility for water-related issues.

Position of individual or committee	Responsibilities for water-related issues
Chief Sustainability Officer (CSO)	Chief Sustainability Officer and Government Affairs ("CSO") is the management lead of the Board-level sustainability committee. The CSO leads a global team operating across multiple geographies and functions, which regularly engages business leadership to ensure companywide alignment with sustainability objectives and opportunities, including water related issues.
Board-level committee	<p>Sustainability considerations – including climate change, deforestation and native vegetation conversion, water, biodiversity, human rights, social development, stakeholder engagement and more – are embedded across the functions of multiple committees of Bunge's Board of Directors. The Board is composed of five committees that oversee Bunge's governance, compensation, risk management and sustainability practices, including climate-related risks and opportunities.</p> <p>→ The Sustainability and Corporate Responsibility Committee oversees and provides input on the development of sustainability and corporate social responsibility policies, strategies and programs of the company.</p> <p>→ The Corporate Governance and Nominations Committee has the overall responsibility for overseeing, among other things, Bunge's governance frameworks and Board practices, as well as the identification of qualified Board candidates with the appropriate skills, diversity and experience to oversee Bunge's business.</p> <p>→ The Human Resources and Compensation Committee oversees our compensation framework, governance, guidelines and performance criteria, which includes Environmental, Social and Governance ("ESG") and human capital metrics.</p> <p>→ The Enterprise Risk Management Committee evaluates climate-related risks and exposures in connection with its periodic review of other enterprise risks facing the company, and management's risk mitigation strategies.</p> <p>→ The Audit Committee evaluates trends and developments in non-financial reporting practices and requirements which impact the company's regulatory filings, including ESG disclosures.</p>
Chief Executive Officer (CEO)	Chief Executive Officer ("CEO") is the final arbiter in the management of sustainability strategy, risks and opportunities, and helps to set the overall vision for the company.

W6.2b

(W6.2b) Provide further details on the board's oversight of water-related issues.

	Frequency that water-related issues are a scheduled agenda item	Governance mechanisms into which water-related issues are integrated	Please explain
Row 1	Scheduled - all meetings	Monitoring implementation and performance Monitoring progress towards corporate targets Overseeing acquisitions, mergers, and divestitures Overseeing and guiding public policy engagement Overseeing and guiding scenario analysis Overseeing major capital expenditures Overseeing the setting of corporate targets Reviewing and guiding business plans Reviewing and guiding corporate responsibility strategy Reviewing and guiding major plans of action Reviewing and guiding risk management policies Reviewing and guiding strategy Setting performance objectives	The Chief Sustainability Officer briefs the Board on water-related issues. The Board tracks water-related issues in all meetings and reviews goals and performance, as well as adherence to strategy. This provides them with a current view of where the organization is and what needs to be done strategically to mitigate future risks and capitalize on opportunities.

W6.2d

(W6.2d) Does your organization have at least one board member with competence on water-related issues?

	Board member(s) have competence on water-related issues	Criteria used to assess competence of board member(s) on water-related issues	Primary reason for no board-level competence on water-related issues	Explain why your organization does not have at least one board member with competence on water-related issues and any plans to address board-level competence in the future
Row 1	Yes	The directors on the Board possess the requisite tenure, diversity and variety of complementary skills, qualifications, backgrounds and experience that contribute to the Board's ability to oversee our operations and shape Bunge's long-term business strategy. We regularly evaluate Board directors and ensure that their skills and backgrounds contribute to a stronger and more robust governance over our sustainability strategy and implementation.	<Not Applicable>	<Not Applicable>

W6.3

(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).

Name of the position(s) and/or committee(s)

Chief Sustainability Officer (CSO)

Water-related responsibilities of this position

- Assessing water-related risks and opportunities
- Managing water-related risks and opportunities
- Setting water-related corporate targets
- Monitoring progress against water-related corporate targets
- Managing public policy engagement that may impact water security
- Integrating water-related issues into business strategy
- Managing water-related acquisitions, mergers, and divestitures

Frequency of reporting to the board on water-related issues

Quarterly

Please explain

Sustainability, including water stewardship, is overseen by the Chief Sustainability Officer. The responsibilities include discussing water related issues, goals, performance and risks internally and reporting to Executive Leadership and the Board's Sustainability and Corporate Responsibility Committee. Daily management of water withdrawals and quality falls within the roles of plant managers and others in the Global Industrial Operations function, who engage regularly with colleagues from the business development, sustainability, legal, and financial planning teams.

W6.4

(W6.4) Do you provide incentives to C-suite employees or board members for the management of water-related issues?

	Provide incentives for management of water-related issues	Comment
Row 1	Yes	Bunge has an annual incentive plan. This is based on a number of sustainability KPIs which are linked to reducing water impacts and improving water security, including our non deforestation commitment.

W6.4a

(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)?

	Role(s) entitled to incentive	Performance indicator	Contribution of incentives to the achievement of your organization's water commitments	Please explain
Monetary reward	Chief Executive Officer (CEO) Chief Financial Officer (CFO) Chief Operating Officer (COO) Chief Purchasing Officer (CPO) Chief Risk Officer (CRO) Chief Sustainability Officer (CSO)	Other, please specify (Non deforestation commitment)	Our non deforestation commitment supports water availability and quality: - Water availability: Forests support controlling the water cycle by regulating precipitation, evaporation and flows, while deforestation weakens this process, leading to irregular rainfall patterns which in turn can lead to drought and flooding. - Water quality: Erosion affects both water quality and quantity while healthy forests act as a pollution filter.	Bunge committed globally to no deforestation by 2025.
Non-monetary reward	Please select	Please select		

W6.5

(W6.5) Do you engage in activities that could either directly or indirectly influence public policy on water through any of the following?

Yes, funding research organizations

W6.5a

(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?

Like most large companies, Bunge is a member of several trade, industry, and business associations representing the various industries in which Bunge operates. These memberships provide Bunge important resources for employees, engagement opportunities with policymakers and key stakeholders, and an ability to learn and share about non-competitive industry issues. Many, but not all, of the associations in which Bunge holds a membership, engage in government advocacy. When possible, we seek to ensure that our membership and the positions of the organization are aligned with our commitment to sustainability, including water management practices. Sometimes, the associations in which Bunge participates may advocate policy views that are contrary to the Bunge view. When these differences arise between Bunge and its respective trade associations, it is an opportunity for Bunge to learn about the views of others, voice the Bunge position, and gain a better understanding of the various viewpoints on issues impacting our industries and businesses.

W6.6

(W6.6) Did your organization include information about its response to water-related risks in its most recent mainstream financial report?

Yes (you may attach the report - this is optional)

W7. Business strategy

W7.1

(W7.1) Are water-related issues integrated into any aspects of your long-term strategic business plan, and if so how?

	Are water-related issues integrated?	Long-term time horizon (years)	Please explain
Long-term business objectives	Yes, water-related issues are integrated	5-10	The issues integrated are related to physical, regulatory and reputational risks, with focus on water limits and variability for the next 5 to 10 years. We have set specific targets for our operations to accomplish these objectives: 10% reduction of freshwater intensity globally and a 25% reduction for facilities in high water stressed areas by 2026. We are investing into projects and new technology in order to achieve these goals. As of 2022, Bunge began developing an enhanced water strategy led by a dedicated team and with deep connection to business leads. We expect to execute on this new strategy starting in 2023.
Strategy for achieving long-term objectives	Yes, water-related issues are integrated	5-10	At Bunge, sustainability is core to our business. The very nature of the work we do — connecting farmers to consumers to deliver essential food, feed and fuel to the world — requires a deep understanding of the environment and market demands around us. It means we must face the realities of a changing climate and food insecurity, as we work to minimize our impact on delicate ecosystems while meeting the needs of consumers and communities. Our sustainability activities are focused on three pillars: Action on Climate, Responsible Supply Chains, and Accountability. Bunge’s long-term objectives related to water are reflected in our sustainability efforts by pursuing our industry-leading commitments that seek to protect sensitive ecosystems, promote biodiversity, and allow communities and people to thrive and our water targets for our own operations which address risks around water availability. We further support the adoption of regenerative agricultural practices to improve soil health, restore water and reduce nutrient runoff.
Financial planning	Yes, water-related issues are integrated	5-10	Water related issues are integrated in financial planning to ensure sufficient funding for projects required to achieving our global water targets: 10% reduction of freshwater intensity globally and a 25% reduction for facilities in high water stressed areas by 2026. Over \$300 million in capital expenditure projects have been identified, some of which may be intended to improve water efficiency and reduce withdrawals in Bunge’s plants around the world.

W7.2

(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?

Row 1

Water-related CAPEX (+/- % change)

Anticipated forward trend for CAPEX (+/- % change)

0

Water-related OPEX (+/- % change)

0.4

Anticipated forward trend for OPEX (+/- % change)

-2

Please explain

Often CAPEX projects are not related to just one objective e.g. water related but aim to address a range of environmental goals. This makes it difficult to track water related CAPEX for previous years. Based on CAPEX 2022 spend estimates and lined up projects over the next 3 years we can however anticipate a forward trend of 0% change as we will spend approximately the same. Projects aim to improve water intensity in order to achieve our global water targets, as well as to enhance wastewater treatment.

In regards to OPEX we have targets in place to reduce freshwater intensity. We had a slight upward trend for water related 2022 OPEX in comparison to 2021 due to decrease in regional production volume which impacted global figures. Going forward we anticipate the OPEX trend to be in line with freshwater intensity reduction.

W7.3

(W7.3) Does your organization use scenario analysis to inform its business strategy?

	Use of scenario analysis	Comment
Row 1	Yes	Changing climate and weather patterns with resulting shifts in agricultural production areas and potential adverse impacts on operations can affect origination as well as operational performance and worst case in the long-term result in incidents of stranded physical assets.

W7.3a

(W7.3a) Provide details of the scenario analysis, what water-related outcomes were identified, and how they have influenced your organization's business strategy.

	Type of scenario analysis used	Parameters, assumptions, analytical choices	Description of possible water-related outcomes	Influence on business strategy
Row 1	Climate-related	Physical Climate Change financial impact modeling for physical assets using various RCP scenarios with parameters around water availability over a time horizon of 30 years.	Impact to physical assets due to drought, water stress and extreme temperature.	We are still in process of evaluating how scenario outcomes should inform business strategy.

W7.4

(W7.4) Does your company use an internal price on water?

Row 1

Does your company use an internal price on water?

No, and we do not anticipate doing so within the next two years

Please explain

After evaluating we do not currently believe that an internal price on water is impactful at this point in our sustainability journey.

W7.5

(W7.5) Do you classify any of your current products and/or services as low water impact?

	Products and/or services classified as low water impact	Definition used to classify low water impact	Primary reason for not classifying any of your current products and/or services as low water impact	Please explain
Row 1	No, and we do not plan to address this within the next two years	<Not Applicable>	Other, please specify (No market signals to define low water impact products)	There are currently no market signals for products classified as low water impact. We will re-evaluate should this change. In the meantime we will progress with our operational water targets as well as Regen Ag programs.

W8. Targets

W8.1

(W8.1) Do you have any water-related targets?

Yes

W8.1a

(W8.1a) Indicate whether you have targets relating to water pollution, water withdrawals, WASH, or other water-related categories.

	Target set in this category	Please explain
Water pollution	No, but we plan to within the next two years	We are currently in process of a global water assessment with the objective to review our ambition and set future meaningful targets. The output of the analysis will inform future targets in regards to water pollution, as well as WASH services.
Water withdrawals	Yes	<Not Applicable>
Water, Sanitation, and Hygiene (WASH) services	No, but we plan to within the next two years	We are currently in process of a global water assessment with the objective to review our ambition and set future meaningful targets. The output of the analysis will inform future targets in regards to water pollution, as well as WASH services. We are already planning a WASH project in Ghana. The geological feasibility assessment has been conducted and we are working on implementation in collaboration with World Vision.
Other	No, and we do not plan to within the next two years	We are currently in process of a global water assessment with the objective to review our ambition and set future meaningful targets. The output of the analysis will inform future targets in regards to water pollution, as well as WASH services. Depending on outcomes of the assessment our future ambition may or may not include other targets.

W8.1b

(W8.1b) Provide details of your water-related targets and the progress made.

Target reference number

Target 1

Category of target

Water withdrawals

Target coverage

Company-wide (direct operations only)

Quantitative metric

Other, please specify (Reduction in freshwater withdrawals per unit of production)

Year target was set

2016

Base year

2016

Base year figure

0.51

Target year

2026

Target year figure

0.46

Reporting year figure

0.43

% of target achieved relative to base year

Target status in reporting year

Achieved

Please explain

Water withdrawal targets for own operations have been in place since 2008. Our current ten-year target was set in 2016, a global 10% of reduction in freshwater withdrawals per unit of production by 2026. We focused on freshwater with the objective to explore other sources, increase productivity and decrease dependence on this finite resource and already achieved our 10-year target.

Target reference number

Target 2

Category of target

Water withdrawals

Target coverage

Company-wide (direct operations only)

Quantitative metric

Other, please specify (Reduction in freshwater withdrawals per unit of production)

Year target was set

2016

Base year

2016

Base year figure

0.42

Target year

2026

Target year figure

0.31

Reporting year figure

0.36

% of target achieved relative to base year

Target status in reporting year

Underway

Please explain

Water withdrawal targets for own operations have been in place since 2008. Besides our current global 10% reduction target we additionally set a contextual target in 2016 for plants that are located in high water stress areas. We identified these plants using the WRI Aqueduct tool combined with local teams' knowledge as described under W1.2d. For these plants we have set a 25% of reduction in freshwater withdrawals per unit of production by 2026. We focused on freshwater with the objective to explore other sources, increase productivity and decrease dependence on this finite resource. We are progressing and are on track to achieve this goal.

W9. Verification

W9.1

(W9.1) Do you verify any other water information reported in your CDP disclosure (not already covered by W5.1a)?

No, we are waiting for more mature verification standards and/or processes

W10. Plastics

W10.1

(W10.1) Have you mapped where in your value chain plastics are used and/or produced?

	Plastics mapping	Value chain stage	Please explain
Row 1	Not mapped – but we plan to within the next two years	<Not Applicable>	The majority of Bunge's business is B2B, and plastics are an immaterial part of our operations. Therefore they are not currently a part of Bunge's sustainability strategy, due to low impact.

W10.2

(W10.2) Across your value chain, have you assessed the potential environmental and human health impacts of your use and/or production of plastics?

	Impact assessment	Value chain stage	Please explain
Row 1	Not assessed – but we plan to within the next two years	<Not Applicable>	The majority of Bunge's business is B2B, and plastics are an immaterial part of our operations. Therefore they are not currently a part of Bunge's sustainability strategy, due to low impact.

W10.3

(W10.3) Across your value chain, are you exposed to plastics-related risks with the potential to have a substantive financial or strategic impact on your business? If so, provide details.

	Risk exposure	Value chain stage	Type of risk	Please explain
Row 1	Not assessed – and we do not plan to within the next two years	<Not Applicable>	<Not Applicable>	The majority of Bunge's business is B2B, and plastics are an immaterial part of our operations. Therefore they are not currently a part of Bunge's sustainability strategy, due to low impact.

W10.4

(W10.4) Do you have plastics-related targets, and if so what type?

	Targets in place	Target type	Target metric	Please explain
Row 1	No – and we do not plan to within the next two years	<Not Applicable>	<Not Applicable>	The majority of Bunge's business is B2B, and plastics are an immaterial part of our operations. Therefore they are not currently a part of Bunge's sustainability strategy, due to low impact.

W10.5

(W10.5) Indicate whether your organization engages in the following activities.

	Activity applies	Comment
Production of plastic polymers	No	
Production of durable plastic components	No	
Production / commercialization of durable plastic goods (including mixed materials)	No	
Production / commercialization of plastic packaging	No	
Production of goods packaged in plastics	No	
Provision / commercialization of services or goods that use plastic packaging (e.g., retail and food services)	No	

W11. Sign off

W-FI

(W-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.

More information can be found in Bunge's 2023 Sustainability Report: <https://bunge.com/-/media/files/pdf/2023-bunge-sustainability-reporte-sustainability-report>

W11.1

(W11.1) Provide details for the person that has signed off (approved) your CDP water response.

	Job title	Corresponding job category
Row 1	Robert Coviello, Chief Sustainability Officer and Government Affairs	Chief Sustainability Officer (CSO)

SW. Supply chain module

SW0.1

(SW0.1) What is your organization's annual revenue for the reporting period?

	Annual revenue
Row 1	67232000000

SW1.1

(SW1.1) Could any of your facilities reported in W5.1 have an impact on a requesting CDP supply chain member?

No facilities were reported in W5.1

SW1.2

(SW1.2) Are you able to provide geolocation data for your facilities?

	Are you able to provide geolocation data for your facilities?	Comment
Row 1	Yes, for all facilities	

SW1.2a

(SW1.2a) Please provide all available geolocation data for your facilities.

Identifier	Latitude	Longitude	Comment
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SW2.1

(SW2.1) Please propose any mutually beneficial water-related projects you could collaborate on with specific CDP supply chain members.

SW2.2

(SW2.2) Have any water projects been implemented due to CDP supply chain member engagement?

No

SW3.1

(SW3.1) Provide any available water intensity values for your organization's products or services.

Submit your response

In which language are you submitting your response?

English

Please confirm how your response should be handled by CDP

	I understand that my response will be shared with all requesting stakeholders	Response permission
Please select your submission options	Yes	Public

Please indicate your consent for CDP to share contact details with the Pacific Institute to support content for its Water Action Hub website.

Yes, CDP may share our Main User contact details with the Pacific Institute

Please confirm below

I have read and accept the applicable Terms