

Welcome to your CDP Water Security Questionnaire 2023

W0. Introduction

W0.1

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

Momentive Performance Materials group (Momentive) is one of the world's largest producers of silicones and silicone derivatives. With more than 80+ years of experience in research, development, and production of silicone materials, Momentive has a historical legacy of commercial first-ever silicone processes and products. Our vast product portfolio is comprised of many advanced silicone solutions, allowing us to serve several industries including automotive, aerospace, electronics, personal care, consumer products, building and construction, as well as specialized industries such as specialty fluids, silanes, and additives.

Headquartered in Niskayuna, New York, United States, Momentive is an indirect wholly-owned subsidiary of MOM Holding Company. The company has 40+ locations in 20+ countries and more than 5000 employees. In 2022, the total revenue globally from our products and services was \$2.9 B.

Momentive is technology and innovation focused, with 3,400 patents serving high-growth applications. We collaborate with our customers to enable solutions that help solve their sustainability challenges, improve their operational efficiency or reduce greenhouse gas (GHG) emissions of end products, such as advanced materials that enable automotive e-mobility and fuel-efficiency, construction sealants and coatings that enable energy efficient buildings, and agricultural additives that enable more efficient food production.

As is typical in our industry, we consume resources in the form of raw materials, energy, water and other feedstocks and commodities. These ingredients are mixed and reacted together, along with energy, utilizing our proprietary processes and specialized equipment to produce intermediate and finished products. Intermediate products may then be further processed or sold. Finished products are packaged and shipped to our customers around the world, where they are usually added as an ingredient or component into their products and/or formulations.

We track our resource consumption and raw material inputs, and our management system drives decisions based on these resources. Although water is not a primary ingredient in our product formulations—less than 10 percent of the water we withdraw is consumed in

production--water management is a critical concern for Momentive, due to the volume of water required to cool manufacturing processes. A portion of the cooling water used in our operations is lost to evaporation, while the remaining volume is returned to watersheds after treatment. For some materials we manufacture, a significant amount of water is created during the manufacturing process, which is then collected and discharged or disposed of according to legal requirements.

Water sources for Momentive include surface water, ground water, municipal water sources (drinking water) and commercial water sources (e.g. drinking water, industrial water). Intake and discharge water quality is monitored by our Quality and Environmental, Health and Safety (EHS) teams, and we treat our water as needed before we use it and discharge it. Momentive's R&D department works to identify less harmful raw materials for use in manufacturing our products to reduce discharges from our operations.

Some of our manufacturing locations are in high-water stress areas, which places a premium on managing this precious resource. Water risks are also assessed as part of other company-wide risk assessments performed every two years. Understanding our water risk significantly guides our efforts to decrease our natural resource intake in our production processes.

In 2020, Momentive established 2025 Sustainability Goals that include innovating products that help solve customers' sustainability challenges, and reducing our impact through operational excellence at both our sites and throughout our supply chain. Our 2025 goals include a reduction in net water consumption by 10% versus a 2019 baseline by 2025. We plan to achieve this reduction through various water efficiency and conservation measures as well as water recycling wherever feasible.

At Momentive, we also engage stakeholders throughout our value chain to identify added water risk. This past year Momentive implemented a supplier questionnaire for new suppliers to disclose their water use and risks.

Please note that while the information and data herein are being provided to the best of the company's knowledge, Momentive makes no express or implied warranties regarding the accuracy of this information and data. Momentive reserves the right to amend or update the information and data.

W-CH0.1a

(W-CH0.1a) Which activities in the chemical sector does your organization engage in?

Specialty inorganic chemicals

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.

Brazil
China
Germany
India
Italy
Japan
Republic of Korea
Thailand
United Kingdom of Great Britain and Northern Ireland
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?

No

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.

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	Vital	Vital	Drinking water needs at our plants depend on sufficient quantities of good quality fresh water, in order to avoid pre-treatment or purchase of treated water. Some of our products (< 10%) use good quality freshwater as a raw material. The primary use for good quality freshwater in direct operations is as a (minor) ingredient in our production processes, and we can also use it for steam production. Indirect processes like drinking, washing and sanitation consume water. We chose this importance rating of "vital" because if we did not have good quality freshwater to withdraw, we would have to create it, both for direct and indirect operations. Another indirect use of water is in our supply chain. For example, the production of our main raw material Silica requires significant amount of water. Our supply chain will be at risk if our supply partners do not have adequate supply of good quality water.
Sufficient amounts of recycled, brackish and/or produced water available for use	Important	Important	Recycled, industrial or ground water can be used in our indirect and direct processes as a coolant or heat transfer liquid, or as a transport medium within our plants. We chose the importance of "important" because without sufficient water to cool/heat our processes, or to transport product or waste, we would have to find a suitable replacement, either by finding water or replacing existing technology.

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	100%	Monthly	All withdrawals - either from municipal systems, industrial systems or from	All withdrawals - either from municipal systems, industrial

			ground/surface water sources - are metered, and reported monthly to Corporate Sustainability via our corporate Sustainability database.	systems or from ground/surface water sources - are metered, and reported monthly to Corporate Sustainability via our corporate Sustainability database. Water meters are the measurement method, and they are read monthly. Meters in use are both "revenue meters" owned by the municipal supply and "non-revenue meters," owned and maintained by Momentive. Corporate Sustainability sums water withdrawals in the database and performs quality control, and then reports consumption to management. Water is a material priority for Momentive and is included in our GRI aligned 2022 Sustainability report.
Water withdrawals –	100%	Monthly	Surface intakes (river/stream/lake withdrawals) are	Surface intakes (river/stream/lake withdrawals) are

volumes by source			metered, and the meters are read and reported to site EHS.	metered, and the meters are read and reported to site EHS. Site EHS in turn totals water withdrawals, by source, and reports them to Corporate Sustainability via our corporate sustainability database. Water meters are the measurement method, and they are read monthly. Drinking water withdrawals are metered by the supplying municipality, who also supply water quality testing results in accordance with applicable local law. Industrial water withdrawals are also metered, and are tested as needed to ensure quality standards are met.
Water withdrawals quality	100%	Daily	Ground/surface/lake intake water quality is measured and assessed as needed to provide statistical control of incoming water quality, which might range from daily to	In all our operating facilities (including manufacturing, R&D etc), where regulation requires us to monitor water

			annually.	<p>quality, water is assessed for total dissolved solids (TDS), total suspended solids (TSS), salinity, pH, and other basic characteristics to establish usefulness and any treatment needed for cooling loop and tower use. Industrial water is measured and tested by the provider to meet contractual requirements for water quality, again ranging from daily testing to annual frequency. Drinking water is tested by the providing municipality annually as well as the receiving site after a service issue to verify quality. At some sites and for some uses, water quality is not a critical factor and quality is not assessed or measured.</p>
Water discharges – total volumes	100%	Monthly	Direct surface discharges (river/stream/lake)	In all our operating facilities

			<p>are metered, and the meters are read and reported to site EHS. Site EHS in turn totals water discharges, by source, and reports them to the Sustainability department via our corporate Sustainability database.</p>	<p>(including manufacturing, R&D etc), where regulation requires us to monitor water quantities, water meters are the measurement method, and they are read monthly. Indirect sanitary and industrial discharges to municipal treatment systems are metered by the receiving municipality or treatment entity. Some storm water discharges are not metered, notably at our Brazil and Texas (US) sites: storm water from operating areas that are captured in secondary containment areas are examined or tested for contamination, and the storm water is released either to on-site or off-site treatment plants, or to surface waters as allowable by law. These sites are planning to</p>
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				upgrade their measurement systems to begin measuring discharge volumes in the future.
Water discharges – volumes by destination	100%	Monthly	Water discharge points, either to ground water, surface water, municipal treatment plant or industrial treatment plant are metered, with readings taken monthly for reporting to corporate.	Some discharges, such as storm water discharges, are not measured at some of our sites where storm discharges are not regulated.
Water discharges – volumes by treatment method	100%	Monthly	All discharges from our facilities to treatment plants are measured at the point of discharge by a water meter.	Water meters are read monthly and the quantities communicated back/charged back to Momentive.
Water discharge quality – by standard effluent parameters	100%	Monthly	Regulated discharges are sampled and analyzed for required discharge parameters like biological oxygen demand (BOD), chemical oxygen demand (COD), TSS, TDS, pH, and other components. Frequency can range from daily to annual depending on the discharge and the level of regulation.	Not all of our discharges are required by law to be tested for discharge quality, such as our sanitary sewer discharges from the non-industrial portions of our plants. We monitor quality of discharged water quality at our sites where required by law. At some sites and for some uses, water

				discharge quality is not a critical factor and quality is not assessed or measured.
Water discharge quality – emissions to water (nitrates, phosphates, pesticides, and/or other priority substances)	100%	Monthly	We monitor quality of discharged water quality at several of our sites for nitrates, phosphates, pesticides, etc.	Several of our large manufacturing sites monitor water discharge quality emissions to water on a monthly basis.
Water discharge quality – temperature	100%	Continuously	Some of our discharges into rivers are regulated for temperature of discharge. For these waste streams, we continuously measure discharge temperature.	We measure temperature of water and regulate them with the permissible limits where required by local regulations. At some sites and for some uses, water discharge temperature quality is not a critical factor and quality is not assessed or measured.
Water consumption – total volume	76-99	Monthly	Total volume of water consumption is calculated and reported by Corporate Sustainability using records and measurements provided by our production sites around the world via the corporate	We are working to make this calculation more robust.

			Sustainability database.	
Water recycled/reused	100%	Monthly	Inside our facilities, water is continuously recycled, treated and reused to the extent feasible. Our cooling systems are closed loop, and waste water can be treated at some of our treatment plants and recycled back into the production process for reuse. There are process-specific tests (i.e., TSS, TDS, pH, BOD, COD, etc.) to ensure safety and usability. Water meters are in place to monitor recycling flow and rates. Recycled water inside our facilities does not count in water calculations.	As explained for metering
The provision of fully-functioning, safely managed WASH services to all workers	100%	Monthly	WASH facilities are provided at all our plant sites and laboratories. As a chemical company, safety showers are amply supplied for emergency use, and dedicated WASH facilities have been installed in some plants where local regulations demanded a higher level of service.	As explained for metering

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	30,335	Lower	Increase/decrease in business activity	Lower	Increase/decrease in business activity	Water withdrawn decreased in 2022 due to a decrease in overall production. We expect this number to continue to decrease through 2023 due to operation shutdown.
Total discharges	30,614	Higher	Increase/decrease in business activity	Lower	Increase/decrease in business activity	We consistently make efforts to decrease our effluent discharge in our production processes. A company transition to more water-efficient specialty chemicals production was also a

						<p>factor. We anticipate decrease in water discharges in the future to meet our goal to reduce net water consumption by 10% by 2025. Please note that this amount of total discharge is only an estimate; we currently do not have meters placed at every discharge point. Momentive also monitors our water discharge quality at several of our sites for nitrates, phosphates, pesticides, etc....</p>
Total consumption	-279	Lower	Increase/decrease in business activity	About the same	Increase/decrease in efficiency	Our production in 2022 was lower than 2021

								resulting in net decrease in water consumption. Please note that this amount is only an estimate as our total discharge quantity is an estimate.
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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	About the same	Other, please specify For comparison and forecast	About the same	Increase/decrease in business activity	WRI Aqueduct	Production at few of the sites falling in high stress areas increased marginally resulting in a small increase

Groundwater – non-renewable	Not relevant				Not relevant. We don't use this water source.
Produced/Entrained water	Not relevant				Not relevant. We don't use this water source.
Third party sources	Relevant	3,810	Lower	Other, please specify Tracking progress and forecasting	We receive water from municipal and industrial sources for use in our processes and support our employees. We expect this to continue trending downward in the future.

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	24,447	Higher	Other, please specify Tracking and forecasting	We are continuously making effort to recycle the water and send lower volume of water to discharge. Our fresh water discharged metered

					is of significant volume and we have seen this number increase due to operations shutdown on one of our sites.
Brackish surface water/seawater	Not relevant				We do not discharge to these destinations.
Groundwater	Not relevant				We do not discharge to these destinations.
Third-party destinations	Relevant	5,615	Much higher	Other, please specify tracking and forecasting	This discharge is mainly the chemical sewage and other external disposal which we have seen an increase of in the past year.

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	Not relevant					We do tertiary treatment of only a very small fraction of our discharge to meet

						local regulations
Secondary treatment	Relevant but volume unknown					We adhere to all local regulations to treat wastewater before releasing to the environment.
Primary treatment only	Relevant	30,614	About the same	Increase/decrease in business activity	100%	We adhere to all local regulations to treat wastewater before releasing to the environment.
Discharge to the natural environment without treatment	Not relevant					We treat all water before discharge as per local regulations.
Discharge to a third party without treatment	Relevant but volume unknown					We send a fraction of our wastewater for treatment by third parties before disposal

Other	Not relevant					This entry is not treated.
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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	Please explain
Row 1	0	Nitrates Phosphates Pesticides	Values are less than legally permitted at the respective sites

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	2,900,000,000	30,334	95,602.2944550669	As we finalize the shutdown of our operations at one of our sites, we anticipate total water withdrawn to decrease significantly. This number has decreased slightly since last year's submission.

W-CH1.3

(W-CH1.3) Do you calculate water intensity for your activities in the chemical sector?

Yes

W-CH1.3a

(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.

Product type

Specialty inorganic chemicals

Product name



Average product

Water intensity value (m3/denominator)

42.3

Numerator: water aspect

Total water withdrawals

Denominator

Ton

Comparison with previous reporting year

Please explain

We undertook shutdown activity in one of our large sites that consumed large quantities of water. We also made more products that had higher water intensity, resulting in an increase in water intensity.

This is the intensity for the average Momentive product. We don't have the measurement systems capable of calculating water intensity for our top 5 products. We plan to enhance our measurement systems for water use per product and it will be available in the near future.

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	Momentive Performance Materials ensures that its products do not contain substances classified as hazardous by any regulatory authority through rigorous quality control and compliance measures. The company prioritizes the health and safety of its customers and the environment, adhering to stringent guidelines and international standards.

W1.5

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

	Engagement
Suppliers	Yes
Other value chain partners (e.g., customers)	Yes

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

Please explain

We have incorporated environmental related questionnaire including questions on water as part of our procurement process. This questionnaire will assist us in assessing their environmental performance and consider whether their performance meets Momentive's standards on water security.

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	We have incorporated environmental related questionnaire including questions on water as part of our procurement process. We are in the process of benchmarking the water related risks with our suppliers.

W1.5d

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

Type of engagement

No other supplier engagements

Details of engagement

% of suppliers by number

Rationale for your engagement

Momentive recognizes that water use and water risks of our suppliers are important. We have recently implemented a new supplier questionnaire and will build upon this foundation in the future.

Impact of the engagement and measures of success

Comment

N/A

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

Education / information sharing

Details of engagement

Educate and work with stakeholders on understanding and measuring exposure to water-related risks

Rationale for your engagement

Momentive and our customers value sustainable initiatives with regard to water quality and conservation, and expect our supply chain to have the same priorities. We aim to use as little water as possible for the purposes of our manufacturing, and try to reuse and treat as much what we can to minimize our footprint. In some cases, we also review our customers' water requirements and flow them down to our own supply chain in order to align with customer requirements. We prioritize based on water quantities consumed and water risk at operating locations. Success is measured qualitatively (our level of engagement) and quantitatively (our level of water consumption and risk). Measures of success include reduced water consumption, and shift away from areas of higher water risk

Impact of the engagement and measures of success

We have not yet started quantifying the impact.

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	Comment
Row 1	No	N/A

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
Row 1	Yes, we identify and classify our potential water pollutants	Potential pollutants are identified using process knowledge, permit conditions and other regulatory/compliance requirements to create a list of potential pollutants of concern. Waste streams are assessed for the possible presence of these regulated substances, and sampling plans are developed. Samples are taken and analyzed to determine the presence of contaminants and evaluate compliance/non-compliance with discharge and permit limits, and operations or treatment schemes are adjusted to prevent release to ecosystems or harm to human health. We send water we have used for our processes to wastewater treatment both on and off site. The standards we follow are local laws and regulations and our environmental permits, and we scan regulatory developments to identify future requirements in advance of implementation, which may result in differing classifications at different sites around the world. One of the processes we use in this regard are ISO 14000 Environmental Management System standards, in which context, scope, and significance of impact are assessed, and risks/opportunities identified with control measures established, compliance obligations formalized, with internal and external audits to verify compliance.

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

Other synthetic organic compounds

Description of water pollutant and potential impacts

Volatile Organic Compound (VOC): Small amount of organic pollutants in wastewater.
Potential impact is increased BOD/COD, with impacts to aquatic life also possible.

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
Provision of best practice instructions on product use
Reduction or phase out of hazardous substances
Discharge treatment using sector-specific processes to ensure compliance with regulatory requirements
Procedure(s) under development/ R&D

Please explain

Treated in wastewater treatment plant prior to discharge. significant reduction prior to release. The wastewater treatment processes we use are designed to reduce/eliminate these pollutants from the waste stream. Successfully monitored and evaluated through regular sampling, analysis and process adjustment.

Water pollutant category

Other physical pollutants

Description of water pollutant and potential impacts

Suspended solids and heat are common physical pollutants. Potential impact is stress to aquatic life.

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
Provision of best practice instructions on product use
Reduction or phase out of hazardous substances

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

Please explain

Treated in wastewater treatment plant prior to discharge. significant reduction prior to release. The wastewater treatment processes we use are designed to reduce/eliminate these pollutants from the waste stream. Successfully monitored and evaluated through regular sampling, analysis and process adjustment.

Water pollutant category

Oil

Description of water pollutant and potential impacts

Silicone and petroleum based oils may be present in small amount. Potential impact is stress to aquatic life.

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

Provision of best practice instructions on product use

Reduction or phase out of hazardous substances

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

Please explain

Treated in wastewater treatment plant prior to discharge. significant reduction prior to release. The wastewater treatment processes we use are designed to reduce/eliminate these pollutants from the waste stream. Successfully monitored and evaluated through regular sampling, analysis and process adjustment.

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 two years

How far into the future are risks considered?

More than 6 years

Type of tools and methods used

Tools on the market

Tools and methods used

WRI Aqueduct

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
- Water regulatory frameworks
- Access to fully-functioning, safely managed WASH services for all employees

Stakeholders considered

- Customers
- Employees
- Local communities
- Regulators
- Suppliers
- Water utilities at a local level

Comment

We use WRI's Aqueduct tool to assess water related risk for all of our operating sites.

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
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<p>Row 1</p>	<p>The WRI Aqueduct tool, which we chose for its comprehensive, reliable and widely recognized database of high resolution, granular water risk data, is used in order to assess and identify potential damage to assets, harm to employees and impairment of business, risk to brand and reputation.</p> <p>In the upcoming assessment cycle, we intend to broaden the scope of our water risk assessment to encompass our supply chain. This expansion is crucial because understanding the water risk linked to our supply chain is vital for ensuring the seamless operations of our business.</p> <p>Due to very diverse use of our products, we are currently evaluating how best to assess the water risks associated with the use of our products.</p>	<p>Availability, quality, competition for resource, brand/reputation risks</p>	<p>Multi-disciplinary, cross functional risk assessment team, sites, facilities and operations.</p>	<p>Potential events are cataloged (scenario planning). Most likely impacts and worst-case scenarios are evaluated against site resilience, ability to respond, and community, regional and other stakeholder concerns. Appropriate response plans and capabilities are established to be able to respond best to a "most likely" event while developing cross regional responses to more "worst case" events. The WRI Aqueduct tool, which we chose for its comprehensive, reliable and widely recognized database of high-resolution, granular water risk data, is used in order to assess and identify potential damage to assets, harm to employees. In addition to WRI Aqueduct tool, we also use specially designed surveys to assess water related risks to our operating sites.</p>
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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?

Yes, only within our direct operations

W4.1a

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

In determining the potential impact of any candidate event or impact, we evaluate the following for both positive and negative outcomes, the magnitude of potential impact, likelihood of occurrence, and controls in place:

- How much of our business will be affected?

Momentive has large, medium and small customers around the world. In deciding how much of our business will be potentially impacted by an event, we consider the size of the customer and the types and quantities of products that they purchase order to evaluate how much of the total business will be affected.

- How big will the impact be on our businesses?

Momentive has large, medium and small sites around the world. In deciding potential impact, the size of the site and the locations potentially impacted are considered in order to evaluate how much of the total business will be affected.

- How important is the impacted organization to the rest of the business

In considering potential impact to an organization, scale of the impact as well as importance to the overall enterprise of the impacted organization is assessed. Assigning and quantifying tangible and intangible values can assist in determining how important an event may be to the individual organization but also beyond that to the whole enterprise.

- Potential for stakeholder or customer concern or reaction or reputational harm

Momentive has an active "Customer Love" program and approach that attempts to assess stakeholder and customers concerns in advance of an event, map out potential response or concern scenarios, and plan for potential concerns or reactions.

W4.1b

(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?

	Total number of facilities exposed to water risk	% company-wide facilities this represents	Comment
Row 1	4	51-75	These include both our large sites as well as some of the smaller sites.

W4.1c

(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?

Country/Area & River basin

United States of America
Hudson River

Number of facilities exposed to water risk

1

% company-wide facilities this represents

1-25

% company's total global revenue that could be affected

41-50

Comment

Our manufacturing site at Waterford, NY is located along this River basin.

Country/Area & River basin

United States of America
Mississippi River

Number of facilities exposed to water risk

1

% company-wide facilities this represents

1-25

% company's total global revenue that could be affected

11-20

Comment

Our Sistersville, WV site is located along this river basin.

Country/Area & River basin

Germany
Rhine

Number of facilities exposed to water risk

1

% company-wide facilities this represents

1-25

% company's total global revenue that could be affected

11-20

Comment

Our Leverkusen site is located on river Rhine

Country/Area & River basin

China
Other, please specify
China coast

Number of facilities exposed to water risk

1

% company-wide facilities this represents

1-25

% company's total global revenue that could be affected

1-10

Comment

Our manufacturing facility in China is located on the Changjiang Kou Coast in China.
This area is considered to be high risk based on WRI aqueduct tool assessment.

W4.2

(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.

Country/Area & River basin

United States of America
Hudson River

Type of risk & Primary risk driver

Acute physical
Drought

Primary potential impact

Increased operating costs

Company-specific description

Anything that causes a change to our ability to withdraw water from the river could cause a disruption in our ability to make and ship product. Changing or lower river levels will reduce the water we can withdraw for cooling and could increase operating costs.

Timeframe

1-3 years

Magnitude of potential impact

Medium-low

Likelihood

Likely

Are you able to provide a potential financial impact figure?

No, we do not have this figure

Potential financial impact figure (currency)

Potential financial impact figure - minimum (currency)

Potential financial impact figure - maximum (currency)

Explanation of financial impact

Financial impact will depend on amount by which water levels are reduced. Lower water levels will demand greater recycle in closed loop cooling systems requiring greater treatment and possible on-site treatment plant installation.

Primary response to risk

Adopt water efficiency, water reuse, recycling and conservation practices

Description of response

Better conservation of resource and resource productivity/efficiency will reduce the amount of water needed for the same cooling tower performance.

Cost of response

0

Explanation of cost of response

Cost depends on required response. A slight decrease in water levels would require little or no special response; a great decline in water level would likely require us to redesign our intake/recycle cooling water and blow down/release process.

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
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Row 1	Evaluation in progress	We are starting to examine our value chain - upstream and downstream - for risks and hazards associated with water. We anticipate assessing availability, quality, consumption, climate related changes, and competition for water resources in our supply chain. We anticipate completing this assessment in the 2022-2023 time frame.
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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

New R&D opportunities

Company-specific description & strategy to realize opportunity

Both risks and opportunities related to growing business and consumer demand for innovative products and technologies that can facilitate better performance and decreased resource usage, including water, have changed how we approach our product portfolio.

Generally, our silicones drive better performance when they are incorporated into our customers products. Our silicones help to reduce use-phase water consumption (e.g. improved wetting for an agricultural chemical thereby reducing dilution water). Our overall product strategy is shifting to include a specific portion (with goals) of our product portfolio to be green/sustainable over time.

Momentive is committed to producing products that not only meet customer needs but also help solve societal challenges and deliver environmental benefits.

Estimated timeframe for realization

4 to 6 years

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)

Potential financial impact figure – minimum (currency)

Potential financial impact figure – maximum (currency)

Explanation of financial impact

Increased sales from new-to-market solutions could drive significant new sales. For example, our super spreader chemicals have the opportunity to reduce the amount of water used to apply agricultural chemicals, and more efficient chemical application can reduce overall crop water use.

W5. Facility-level water accounting

W5.1

(W5.1) For each facility referenced in W4.1c, provide coordinates, water accounting data, and a comparison with the previous reporting year.

Facility reference number

Facility 1

Facility name (optional)

Country/Area & River basin

United States of America
Hudson River

Latitude

42.82

Longitude

-73.67

Located in area with water stress

No

Total water withdrawals at this facility (megaliters/year)

12,524

Comparison of total withdrawals with previous reporting year

Lower

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

12,491

Withdrawals from brackish surface water/seawater

0

Withdrawals from groundwater - renewable

0

Withdrawals from groundwater - non-renewable

0

Withdrawals from produced/entrained water

0

Withdrawals from third party sources

32

Total water discharges at this facility (megaliters/year)

19,960

Comparison of total discharges with previous reporting year

Lower

Discharges to fresh surface water

15,589

Discharges to brackish surface water/seawater

0

Discharges to groundwater

0

Discharges to third party destinations

4,370

Total water consumption at this facility (megaliters/year)

13,090

Comparison of total consumption with previous reporting year

Lower

Please explain

This site has undergone site transformation and shut down a large portion of our operations. Our water intake has gone down slightly this past year but we expect it to decrease significantly as incinerators shut down on site. The site's water discharge exceeds total water intake due to the presence of storm water and city water discharge (discharges to third party destinations).

Facility reference number

Facility 2

Facility name (optional)

Country/Area & River basin

United States of America

Mississippi River

Latitude

39.48

Longitude

-81.09

Located in area with water stress

No

Total water withdrawals at this facility (megaliters/year)

6,358

Comparison of total withdrawals with previous reporting year

Lower

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

6,105

Withdrawals from brackish surface water/seawater

0

Withdrawals from groundwater - renewable

0

Withdrawals from groundwater - non-renewable

585

Withdrawals from produced/entrained water

0

Withdrawals from third party sources

253

Total water discharges at this facility (megaliters/year)

0

Comparison of total discharges with previous reporting year

About the same

Discharges to fresh surface water

0

Discharges to brackish surface water/seawater

0

Discharges to groundwater

0

Discharges to third party destinations

0

Total water consumption at this facility (megaliters/year)

6,358

Comparison of total consumption with previous reporting year

Lower

Please explain

This site does not report any water discharge on their site.

Facility reference number

Facility 3

Facility name (optional)

Country/Area & River basin

Germany

Rhine

Latitude

51.02

Longitude

6.99

Located in area with water stress

No

Total water withdrawals at this facility (megaliters/year)

8,175

Comparison of total withdrawals with previous reporting year

About the same

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes

7,919

Withdrawals from brackish surface water/seawater

0

Withdrawals from groundwater - renewable

0

Withdrawals from groundwater - non-renewable

0

Withdrawals from produced/entrained water

0

Withdrawals from third party sources

132

Total water discharges at this facility (megaliters/year)

7,880

Comparison of total discharges with previous reporting year

Lower

Discharges to fresh surface water

0

Discharges to brackish surface water/seawater

0

Discharges to groundwater

0

Discharges to third party destinations

780

Total water consumption at this facility (megaliters/year)

8,175

Comparison of total consumption with previous reporting year

About the same

Please explain

This site has had few changes in regard to water this past year.

W5.1a

(W5.1a) For the facilities referenced in W5.1, what proportion of water accounting data has been third party verified?

Water withdrawals – total volumes

% verified

76-100

Verification standard used

AA1000ASv3

Water withdrawals – volume by source

% verified

76-100

Verification standard used

AA1000ASv3

Water withdrawals – quality by standard water quality parameters

% verified

Not verified

Please explain

We do not assure water withdrawal by quality, however, we adhere to all water quality related local regulations.

Water discharges – total volumes

% verified

Not verified

Please explain

We do not assure water discharge values.

Water discharges – volume by destination

% verified

Not verified

Please explain

We do not assure water discharge values.

Water discharges – volume by final treatment level

% verified

Not verified

Please explain

We do not assure water discharge values.

Water discharges – quality by standard water quality parameters

% verified

Not verified

Please explain

We do not assure water withdrawal by quality, however, we adhere to all water quality related local regulations.

Water consumption – total volume

% verified

Not verified

Please explain

We do not assure water consumption values. We estimate this value by difference of withdrawal and discharge.

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.

	Scope	Content	Please explain
Row 1	Company-wide	Description of the scope (including value chain stages) covered by the policy Description of business dependency on water Description of business impact on water Commitment to reduce water withdrawal and/or consumption volumes in direct operations Commitment to safely managed	Our water policy is corporate in scope and covers all of our facilities that consume significant water or use water for production purposes. We have water standards that dictate types of fixtures and water performance. Water is included as a significant aspect of our ISO 14000 Environmental Management System. All manufacturing sites capture and report water consumption and discharge data in our corporate Sustainability database. A policy statement on our natural resource use, of which water is an important component, can be found in our ESG commitment letter (page 6) : https://www.momentive.com/docs/default-source/generalcontent/sustainability/momentive-2021-esg-commitment.pdf?sfvrsn=a46d6884_2 This commitment letter also provides our stated goals (page 5) to reduce net water consumption by 10% versus a 2019 baseline by 2025.

	<p>Water, Sanitation and Hygiene (WASH) in the workplace</p> <p>Commitment to safely managed Water, Sanitation and Hygiene (WASH) in local communities</p> <p>Recognition of environmental linkages, for example, due to climate change</p>	
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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 Executive Officer (CEO)	Our CEO is a member of the Board of Directors and has responsibility for water related issues. The CEO reviews energy, GHG, waste, water and renewable energy strategy, goals and performance for the entire company. The CEO has overall responsibility for execution of the annual operating plan that is approved by the Board of Directors, including capital expenditures for water and climate related functions and projects. For example, the CEO champions our 5-year company-wide strategic plan, which includes climate protection goals (energy, GHG, water and waste reduction goals; goals to increase the portion of renewable energy). These goals are for the period 2020-2025.
Board-level committee	Momentive's Board of Directors provides high level strategic direction and oversees the continued development and improvement of Momentive's Environmental, Social and Corporate Governance (ESG) performance. The Operations Committee of the Board of Directors reviews Momentive's ESG performance on a quarterly basis. The Compensation, Nominating & Governance Committee of the Board of Directors discusses and approves the incorporation of

	sustainability performance into our incentive structure.
Other C-Suite Officer	Our Senior Vice President (SVP), Environmental, Health and Safety (EHS) & Operations Excellence, who reports to the CEO, is the liaison to the Operations Committee of the Board of Directors and reports to the Operations Committee on water related issues, as well as other environmental, health, safety, quality and continuous improvement issues. This SVP enables water related performance by leading the EHS, Quality, Continuous Improvement, Product Stewardship, Sustainability and Global Engineering functions and ensuring an overarching approach to Sustainability across manufacturing in the three businesses through leadership of the Operations Council. This SVP ensures that the capital investment process includes water protection criteria and that capital budgets are set and adequate. This SVP sponsors a cross-functional Sustainability Steering Committee and employs dedicated Corporate Sustainability staff. The Corporate Sustainability Team coordinates Momentive’s sustainability programs and initiatives, provides periodic reports to the Executive Leadership Team and the Committee, and develops external reports, including the annual sustainability report, with the support of a cross-functional Project Management Office. For example, in 2022, this SVP championed the 2022 ESG Data Summary Report prepared by Momentive to inform our stakeholders. The report required collaboration from across the company, and featured disclosures on water consumption and water risk. This SVP also championed the publication of our 1st Communication on Progress (COP) for our commitment towards 10 principles of UN Global Compact.
President	Our business Presidents & General Managers (Performance Additives, Formulated Specialties, and Core Silicones & Intermediates) are responsible for delegating, managing and reporting on sustainability performance and steps being taken to reduce water consumption and risk across their respective businesses, including manufacturing and technology. They work in concert with the activities and priorities set by the SVP, EHS & Operations Excellence and support the integration of sustainability thinking and continuous improvement within their respective businesses. They are responsible for business and site level budgeting for sustainability and water related spending. They ensure that projects and initiatives to achieve reduction goals (such as water consumption reduction goals) are included in budgets. For example, the businesses are focusing on processes that reduce our consumption of water through greater efficiency.

W6.2b

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

Frequency that water-related issues are a	Governance mechanisms into which water-related	Please explain
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	scheduled agenda item	issues are integrated	
Row 1	Scheduled - all meetings	Monitoring implementation and performance Overseeing acquisitions, mergers, and divestitures Overseeing major capital expenditures Providing employee incentives Reviewing and guiding annual budgets 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 Reviewing innovation/R&D priorities Setting performance objectives	Momentive's Operations Committee of the Board of Directors and Executive Leadership Team (ELT) review Momentive's ESG performance on a quarterly basis. The Operations Committee provides high level direction and oversees the continued development and improvement of Momentive's ESG performance, including progress against goals for addressing water related issues, recommends the general budget for EHS & Sustainability capital spending, and oversees initiatives to improve operational efficiencies in manufacturing and integrated supply chain. Momentive's Compensation, Nominating & Governance Committee of the Board of Directors provides high level direction and oversees the design and implementation of the compensation policies, strategies, plans and programs for our key employees, including incentives tied to sustainability performance. Water related issues are reviewed by the CEO and ELT monthly where energy, GHG, waste and water KPIs are presented by the SVP, EHS & Operations Excellence. Needed interventions at the business level are managed by the President & General Managers and briefed up to the ELT. Total company performance in energy, GHG, waste and water KPIs are managed by the entire ELT under the CEO's leadership, with regular meetings where Sustainability topics are addressed. The ELT discusses and sets priorities for water related matters and progress against goals to increase water efficiency and reduce water consumption.

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	
Row 1	Not assessed

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 Executive Officer (CEO)

Water-related responsibilities of this position

Assessing water-related risks and opportunities

Managing water-related risks and opportunities

Setting water-related corporate targets

Frequency of reporting to the board on water-related issues

Quarterly

Please explain

Our CEO is a member of the Board of Directors and has responsibility for water issues. The CEO reviews energy, GHG, waste, water and renewable energy strategy, goals and performance for the entire company. The CEO has overall responsibility for execution of the annual operating plan that is approved by the Board of Directors, including capital expenditures for water and climate related functions and projects. For example, the CEO champions our 5-year company-wide strategic plan, which includes climate protection goals (energy, GHG, water and waste reduction goals; goals to increase the portion of renewable energy). These goals are for the period 2020-2025. In 2022, the CEO also championed for a dedicated capital budget for projects that contributes significantly to our 2025 Sustainability goals, including goals related to water, even when these projects do not meet the threshold for financial returns.

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

Other C-Suite Officer, please specify

Sr. Vice President, EHS and Operations Excellence

Water-related responsibilities of this position

Assessing water-related risks and opportunities

Managing water-related risks and opportunities

Setting water-related corporate targets

Frequency of reporting to the board on water-related issues

Quarterly

Please explain

Our Senior Vice President (SVP), Environmental, Health and Safety (EHS) & Operations Excellence, who reports to the CEO, is the liaison to the Operations Committee of the Board of Directors and reports to the Operations Committee on water related issues as

well as other environmental, health, safety, and continuous improvement issues. This SVP ensures that the capital investment process includes water protection criteria and that capital budgets are set and adequate. The SVP sponsors a cross-functional Sustainability Steering Committee and employs dedicated Corporate Sustainability staff. The Corporate Sustainability Team coordinates sustainability programs, provides reports to the ELT, and develops external reports. For example, in 2022, this SVP championed the preparation of 2022 ESG Summary Data Report to inform our stakeholders. This required collaboration from across the company, and featured disclosures on GHG emissions and climate protection.

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

Other C-Suite Officer, please specify
 Executive Leadership Team

Water-related responsibilities of this position

Assessing water-related risks and opportunities
 Managing water-related risks and opportunities
 Setting water-related corporate targets

Frequency of reporting to the board on water-related issues

Quarterly

Please explain

Water related issues are reviewed by the CEO and ELT monthly where energy, GHG, waste and water KPIs are presented by the SVP, EHS & Operations Excellence. Needed interventions at the business level are managed by the President & General Managers and briefed up to the ELT. Total company performance in energy, GHG, waste and water KPIs are managed by the entire ELT under the CEO's leadership, with regular meetings where Sustainability topics are addressed. The ELT discusses and sets priorities for water related matters and progress against goals to increase water efficiency and reduce water consumption.

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	During 2020 we incorporated sustainability performance into our incentive structure for the 2021 plan year. Please see details below.

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	Corporate executive team Chief Executive Officer (CEO) Chief Financial Officer (CFO) Chief Procurement Officer Chief Purchasing Officer (CPO) Chief Technology Officer (CTO) Other C-suite Officer General Counsel Other, please specify All employees	Company performance against a sustainability index with water-related factors (e.g., DJSI, CDP Water Security score, etc.)	Reduction of water withdrawals Improvements in efficiency - direct operations Supply chain engagement Other, please specify (Behavior change related indicator; Company performance against a water-related sustainability index; Policies, actions and reporting in water management)	Safety & Sustainability comprises 10% of Momentive's 2021 annual incentive plan for employees worldwide in an incentive-eligible position. Sustainability was added in 2021 and continued in 2022 to ensure that we are rewarding actions central to Momentive's long term viability and growth. An industry-trusted standard (EcoVadis) was chosen due to its importance to our customers and includes the management of water-related issues for Momentive and our supply chain.
Non-monetary reward	Corporate executive team Chief Executive Officer (CEO)	Other, please specify	Other, please specify (Behavior change related indicator)	We have an established company wide recognition program ("Inspire" program) with monetary and non-monetary rewards as well as a specific Safety & Sustainability award program. All employees and project teams are eligible for

Chief Financial Officer (CFO) Chief Procurement Officer Chief Technology Officer (CTO) Other C-suite Officer General Counsel Other, please specify All employees			consideration. Some sites recognize a “Sustainability Employee of the Month” and reward them with a parking space, lunch and a celebration.
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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, trade associations

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?

Momentive has a Global Director, Government & Industry Relations who provides input on policy positions to trade associations in which Momentive is active. We have a Corporate Sustainability leader who facilitates internal networks to ensure that different businesses, geographies and sites have a common approach consistent with our corporate strategy on water security/stewardship/management. If any inconsistencies are found, we properly investigate the deviation and if needed corrective actions are taken. We provide monthly training to our employees on resource conservations.

W6.6

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

No, and we have no plans to do so

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	Water availability is considered when planning new facilities and increasing production capacity. For example, some of our facilities are not allowed to increase consumption over time. We must carefully consider business objectives in light of this limit, and add efficiency if we wish to grow business at these locations (more production using the same amount of water).
Strategy for achieving long-term objectives	Yes, water-related issues are integrated	5-10	Water availability is considered when planning new facilities and increasing production capacity. Our 2020-2025 company strategy includes water reduction goals in order to avoid water as a limiting factor in achieving our long term objectives.
Financial planning	No, water-related issues were reviewed but not considered as strategically relevant/significant	5-10	Water related issues usually do not rise to the level of significance in our financial planning structure, due to the low cost of the underlying resource.

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)

Water-related OPEX (+/- % change)

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

Please explain

We invest appropriately in water conservation related projects. As a private company, we do not publish our financial figures.

W7.3

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

	Use of scenario analysis	Comment
Row 1	Yes	<p>We perform climate related risk assessments as part of our business strategy. Our Executive Leadership engages with our insurance carrier to do the risk assessment and develop action items.</p> <p>In 2019, Momentive began planning our 2020-2025 business strategy, including sustainability goals. As part of goal setting, we used elements of 2DS, IEA 450, IRENA and Greenpeace scenarios to align our future GHG emissions with a 2.0°C or below scenario for our company. These scenarios were selected due to the prominence of renewable energy in achieving reductions. Since it will be difficult for us to eliminate energy use entirely, replacing fossil energy with renewable energy is currently the most viable way for us to reduce GHG emissions.</p> <p>As a result of our scenario based planning, Momentive has set a company-wide 50% renewable energy goal for 2025, with the intention of creating subsequent goals to further decarbonize our energy supply over time to match scenario timelines and objectives.</p>

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	Water-related	We perform water related risk reviews as part of our Enter Risk Management	Possible outcomes include	Potential new capital investment

Climate-related	process. This assessment is based on survey's conducted among various stakeholders within the company. We also incorporate recommendations from third party assessor FM Global who conduct periodic qualitative and quantitative water risk assessment.	transferring product lines between sites due to flooding or storms.	at sites not impacted by flooding or hurricanes relative to sites impacted by climate-driven flooding or storms
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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, but we are currently exploring water valuation practices

Please explain

We are currently exploring this for future use.

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	Please explain
Row 1	Yes	Amount of water needed to achieve uniform distribution of pesticides	Sllwet(TM) family of adjuvants uses less water and helps active ingredients more effectively stick to, spread over, and penetrate into plant surfaces compared to in kind products in the market. This leads to better weed, pest, and disease control with lower dose rates and fewer applications needed, avoiding waste and boosting efficiencies than incumbent products available in the market.

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, and we do not plan to within the next two years	This has not been an issue for us.
Water withdrawals	Yes	
Water, Sanitation, and Hygiene (WASH) services	No, and we do not plan to within the next two years	This has not been an issue for us.
Other	No, and we do not plan to within the next two years	N/A

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

Reduction in total water withdrawals

Year target was set

2020

Base year

2019

Base year figure

32,000

Target year

2025

Target year figure

28,800

Reporting year figure

30,334

% of target achieved relative to base year

52.0625

Target status in reporting year

Underway

Please explain


We have set a water withdrawal reduction target of 10% by 2025 with a baseline year of 2019. In 2022, we have reduced water withdrawal due to various water reduction projects we have undertaken. In 2023 and beyond, we will undertake water efficiency projects as well as decommissioning some units that uses high amount of water and are part of our Transformation project to meet the water related 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)?

Yes

 MomentiveAssuranceStatement2023.pdf

W9.1a

(W9.1a) Which data points within your CDP disclosure have been verified, and which standards were used?

Disclosure module	Data verified	Verification standard	Please explain
W8 Targets	Yes	AA1000AS	Our water withdrawn numbers are verified by a 3rd party.

W10. Plastics

W10.1

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

	Plastics mapping	Please explain
Row 1	Not mapped – but we plan to within the next two years	

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	Please explain
Row 1	Not assessed – but we plan to within the next two years	

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	Please explain
Row 1	Not assessed – but we plan to within the next two years	We will assess this in 2023

W10.4

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

	Targets in place	Please explain
Row 1	No – but we plan to within the next two years	We will set a plastic recycling target in 2023

W10.5

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

	Activity applies	Comment
Production of plastic polymers	Yes	We are a producer of elastomers, coatings etc
Production of durable plastic components	Yes	We are a producer of elastomers, coatings etc
Production / commercialization of durable plastic goods (including mixed materials)	Yes	We are a producer of elastomers, coatings etc
Production / commercialization of plastic packaging	Yes	We use plastic packaging extensively
Production of goods packaged in plastics	Yes	We use plastic packaging to ship our goods
Provision / commercialization of services or goods that use plastic packaging (e.g., retail and food services)	No	N/A

W10.6

(W10.6) Provide the total weight of plastic polymers sold and indicate the raw material content.

Row 1

Total weight of plastic polymers sold during the reporting year (Metric tonnes)

Raw material content percentages available to report

Please explain

W10.7

(W10.7) Provide the total weight of plastic durable goods/components sold and indicate the raw material content.

Row 1

Total weight of plastic durable goods/components sold during the reporting year (Metric tonnes)

Raw material content percentages available to report

Please explain

W10.8

(W10.8) Provide the total weight of plastic packaging sold and/or used, and indicate the raw material content.

	Total weight of plastic packaging sold / used during the reporting year (Metric tonnes)	Raw material content percentages available to report	Please explain
Plastic packaging sold			
Plastic packaging used			

W10.8a

(W10.8a) Indicate the circularity potential of the plastic packaging you sold and/or used.

	Percentages available to report for circularity potential	Please explain
Plastic packaging sold		
Plastic packaging used		

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.

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	Chief Technology Officer	Other C-Suite Officer

SW. Supply chain module

SW0.1

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

	Annual revenue
Row 1	2,900,000,000

SW1.1

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

We do not have this data but we intend to collect it within two years

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	We have this information and use it to evaluate water related risk.

SW1.2a

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

Identifier	Latitude	Longitude	Comment
Waterford, NY	42.817	-73.6694	Chemicals; Silicones
Sisterville, WV	39.5142	-81.0615	Chemicals; Silicones
Leverkusen, Germany	51.0129	6.99144	Chemicals; Silicones
Termoli, Italy	42.0005	14.9953	Chemicals; Silicones

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.

Product name

All Momentive products

Water intensity value

42

Numerator: Water aspect

Water withdrawn

Denominator

2022 aggregated production in Metric Tonnes from all sites.

Comment

We do not calculate product-wise water intensity. The above number (Cubic meter/MT) is for entire Momentive.

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.

No

Please confirm below

I have read and accept the applicable Terms