

W0. Introduction

---

W0.1

---

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

onsemi provides industry-leading intelligent sensing and power solutions to help our customers solve the most challenging problems and create cutting-edge products for a better future. Our intelligent power technologies enable the electrification of the automotive industry that allows for lighter and longer-range electric vehicles, empowers efficient fast-charging systems and propels sustainable energy for the highest efficiency solar strings, industrial power and storage systems. Our intelligent sensing technologies support the next generation industry allowing for smarter factories and buildings while also enhancing the automotive mobility experience with imaging and depth-sensing that make advanced vehicle safety and automated driving systems possible.

onsemi's intelligent power allows our customers to exceed range targets with lower weight and reduce system costs through efficiency. With our sensing integration, we believe onsemi's intelligent power solutions achieve higher efficiencies compared to our peers and allow lower temperature operation, reducing cooling requirements, saving costs and minimizing weight while delivering the required power with less die per module and achieving a higher range for a given battery capacity. onsemi's intelligent sensing solutions offer proprietary features in smaller packages that support customers' use cases. We believe our intelligent sensing technology offers advanced features to achieve optimal results and our product integration drives improved efficiency. This performance is delivered in a smaller footprint while reducing system latency to increase safety and throughput by providing a proprietary feature set to solve different use cases.

We serve a broad base of end-user markets, including automotive, industrial and others which include communications, computing and consumer. We believe the evolution of automotive with advancements in autonomous driving, advanced driver-assistance systems (ADAS), vehicle electrification, and the increase in electronics content for vehicle platforms is reshaping the boundaries of transportation. With our extensive portfolio of Automotive Electronics Council (AEC) -qualified products, onsemi helps customers design high-reliability solutions while delivering top performance. And within the industrial space, onsemi is helping original equipment manufacturers (OEMs) develop innovative products to navigate the ongoing transformation across energy infrastructure, factory automation and power conversion.

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 2021	December 31 2021

W0.3

---

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

- Australia
- Belgium
- Canada
- China
- Czechia
- France
- Germany
- India
- Ireland
- Israel
- Italy
- Japan
- Malaysia
- Philippines
- Republic of Korea
- Romania
- Russian Federation
- Singapore
- Slovakia
- Slovenia
- Sweden
- Switzerland
- Taiwan, China
- United Kingdom of Great Britain and Northern Ireland
- United States of America
- Viet Nam

*Manufacturing Locations: Canada, Czech Republic, China, Japan, Malaysia, Philippines, South Korea, United States and Vietnam Design Center Locations: Australia, Belgium, Canada, China, Czech Republic, France, Germany, India, Ireland, Israel, Italy, Japan, Romania, Russia, Singapore, Slovakia, Slovenia, South Korea, Sweden, Switzerland, Taiwan, Province of China, United Kingdom and United States Solution Engineering Center Locations: China, Germany, Japan, Slovakia and United States*

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.	Provide your unique identifier
Yes, a Ticker symbol	ON

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	Important	At onsemi, high-quality freshwater is primarily used in our manufacturing processes. Ultra-pure water (UPW) is a necessity for semiconductor manufacturing as it is used in delivering chemicals, washing wafers and many other operations within the fabrication process such as scrubbing the exhaust of our systems to reduce pollution. "Vital" was chosen for our direct use importance rating as sufficient amounts of good quality freshwater is essential to our manufacturing process and UPW is considered a critical input for our operations. Water is used throughout our value chain, whether in the extraction of raw materials from the earth or in the manufacturing of end products that contain our technologies. Upstream suppliers mining key raw materials or supplying process gases and chemicals rely on water to produce their products. Downstream, water is used to cool power generation processes and data centers and in the manufacturing of cars and other end products that contain our technologies. "Important" was selected as our indirect use importance rating because many of our suppliers and customers rely on good quality freshwater in their own production processes and during the use of our products. As our products become more energy-efficient and as more companies and power providers switch to alternative forms of energy generation that are less water-intensive, our indirect water usage will decrease. For this reason, we do not deem this as "vital."
Sufficient amounts of recycled, brackish and/or produced water available for use	Important	Important	We actively seek to avoid negative water-related impacts. Our organization strives for transparency with stakeholders, displaying deliberate stewardship of water as the important resource it is. We firmly believe that reduction in water usage enables the shared usage of water resources and reduces cost within process methods; therefore, we continue to seek out water recycling, reuse and reduction options. As part of our commitment to water-use efficiency, 5,779 mega-liters of water were recycled in 2021. "Important" was selected for our direct use importance rating because we see reducing freshwater use by incorporating recycled water to be a significant opportunity for onsemi in alignment with our climate goal. As we continue to develop our water management and reduction program, we will continue to focus on the importance of our reliance on recycled water. Water is used throughout our value chain, whether in the extraction of raw materials from the earth or in the manufacturing of end products that contain our technologies. Upstream suppliers supplying process gases and chemicals rely on water to produce their products. Downstream, water is used to cool power generation processes and data centers. "Important" was selected as our indirect use importance rating because many of our suppliers and customers rely on water in their own production processes and during the use of our products. onsemi holds its suppliers to a high standard of environmental excellence. We see an opportunity to work with our suppliers and encourage the use of recycled water in their operations to effectively meet the sustainability goals of onsemi as well as their own goals. As our products become more energy-efficient and as more companies and power providers switch to alternative forms of energy generation that are less water-intensive, our indirect water usage will decrease. For this reason, we do not deem this as "vital."

W1.2

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

	% of sites/facilities/operations	Please explain
Water withdrawals – total volumes	1-25	onsemi tracks water withdrawals at our manufacturing sites which account for approximately 19% of our total facilities. Due to the massive amount of water used in our manufacturing processes, we estimate that our manufacturing facilities account for 85% or more of our total water use. We are exploring tracking our water use at our non-manufacturing sites to ensure we have the full scope of our water usage at onsemi. onsemi tracks our water withdrawal by total volume to ensure we understand how much water we are withdrawing for use within our processes. This data is tracked using utility bill data or pump data on a monthly basis.
Water withdrawals – volumes by source	1-25	onsemi tracks water withdrawals at our manufacturing sites which account for approximately 19% of our total facilities. Due to the massive amount of water used in our manufacturing processes, we estimate that our manufacturing facilities account for 85% or more of our total water use. We are exploring tracking our water use at our non-manufacturing sites to ensure we have the full scope of our water usage at onsemi. onsemi tracks our water withdrawal volume by source to provide granular data relating to where our water withdrawal is coming from. This data can be used to assess its quality, identify risks and opportunities related to current and future source usage and dictate which processes the water can be used for within semiconductor manufacturing. This data is tracked using utility bill data or pump data on a monthly basis.
Entrained water associated with your metals & mining sector activities - total volumes [only metals and mining sector]	<Not Applicable>	<Not Applicable>
Produced water associated with your oil & gas sector activities - total volumes [only oil and gas sector]	<Not Applicable>	<Not Applicable>
Water withdrawals quality	1-25	onsemi tracks water withdrawals at our manufacturing sites which account for approximately 19% of our total facilities. Due to the massive amount of water used in our manufacturing processes, we estimate that our manufacturing facilities account for 85% or more of our total water use. We are exploring tracking our water use at our non-manufacturing sites to ensure we have the full scope of our water usage at onsemi. Due to the need for ultra-pure water in semiconductor manufacturing, onsemi tracks the quality of our water withdrawals to determine what processes this water can be used for in the manufacturing of our products. This data is tracked using utility bill data or pump data on a monthly basis.
Water discharges – total volumes	Not monitored	At this time, onsemi assumes that all water withdrawn is discharged. We do not collect more granular data on water discharge, but we plan to include this in our exploration of implementing water-related targets and goals for the company.
Water discharges – volumes by destination	Not monitored	At this time, onsemi assumes that all water withdrawn is discharged. We do not collect more granular data on water discharge, but we plan to include this in our exploration of implementing water-related targets and goals for the company.
Water discharges – volumes by treatment method	Not monitored	At this time, onsemi assumes that all water withdrawn is discharged, onsemi is committed to compliance with local regulations as it relates to water discharge treatment. We do not collect more granular data on water discharge, but we plan to include this in our exploration of implementing water-related targets and goals for the company.
Water discharge quality – by standard effluent parameters	Not monitored	At this time, onsemi assumes that all water withdrawn is discharged, onsemi is committed to compliance with local regulations as it relates to water discharge treatment. We do not collect more granular data on water discharge, but we plan to include this in our exploration of implementing water-related targets and goals for the company.
Water discharge quality – temperature	Not monitored	At this time, onsemi assumes that all water withdrawn is discharged, onsemi is committed to compliance with local regulations as it relates to water discharge treatment. We do not collect more granular data on water discharge, but we plan to include this in our exploration of implementing water-related targets and goals for the company.
Water consumption – total volume	Not monitored	At this time, onsemi assumes that all water withdrawn is discharged. Since we do not have granular data on water discharge, it is difficult to calculate water consumption. We do not collect more granular data on water discharge, but we plan to include this in our exploration of implementing water-related targets and goals for the company.
Water recycled/reused	1-25	onsemi tracks water withdrawals at our manufacturing sites which account for approximately 19% of our total facilities. Due to the massive amount of water used in our manufacturing processes, we estimate that our manufacturing facilities account for 85% or more of our total water use. We are exploring tracking our water use at our non-manufacturing sites to ensure we have the full scope of our water usage at onsemi. onsemi tracks the amount of water recycled or reused as this provides us with an understanding of how we can use innovation to conserve more water. While many onsemi sites reuse water, we do have a handful of sites that are not currently engaged in water reuse. By collecting this data and understanding how water is reused at our sites, onsemi is exploring extending this practice and incorporating water reuse throughout our site network.
The provision of fully-functioning, safety managed WASH services to all workers	100%	onsemi ensures all employees have access to clean drinking water for all workers, available when needed and from sources compliant with fecal and chemical standards, as well as sanitation facilities where excreta are safely disposed in situ or transported and treated offsite.

**W1.2b**

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

	Volume (megaliters/year)	Comparison with previous reporting year	Please explain
Total withdrawals	13599	Lower	onsemi saw a 4.9% decrease in water withdrawal YOY.
Total discharges	13599	Please select	At this time, onsemi assumes that all water withdrawn is discharged. We do not collect more granular data on water discharge, but we plan to include this in our exploration of implementing water-related targets and goals for the company.
Total consumption	0	Please select	At this time, onsemi assumes that all water withdrawn is discharged so we can not accurately report on our total water consumption. We do not collect more granular data on water discharge, but we plan to include this in our exploration of implementing water-related targets and goals for the company. This will enable us to provide more granular detail on our water consumption.

**W1.2d**

**(W1.2d) Indicate whether water is withdrawn from areas with water stress and provide the proportion.**

	Withdrawals are from areas with water stress	% withdrawn from areas with water stress	Comparison with previous reporting year	Identification tool	Please explain
Row 1	Yes	1-10	About the same	WRI Aqueduct	According to the World Resource Institute's Aqueduct Water Risk Atlas, the following facilities are located in areas with high or extremely high water stress. Withdrawals from these areas account for approximately 10% of our tracked water withdrawals from manufacturing facilities. Extremely High Water-Stressed Regions: Oudenaarde Belgium High Water-Stressed Regions: Pocatello, Idaho, U.S., Suzhou, China Tarlac, Philippines

**W1.2h**

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

	Relevance	Volume (megaliters/year)	Comparison with previous reporting year	Please explain
Fresh surface water, including rainwater, water from wetlands, rivers, and lakes	Not relevant	<Not Applicable>	<Not Applicable>	onsemi does not withdraw water from surface water.
Brackish surface water/Seawater	Not relevant	<Not Applicable>	<Not Applicable>	onsemi does not withdraw water from brackish surface/sea water.
Groundwater – renewable	Relevant	885	Lower	
Groundwater – non-renewable	Not relevant	<Not Applicable>	<Not Applicable>	onsemi does not withdraw water from non-renewable groundwater.
Produced/Entrained water	Not relevant	<Not Applicable>	<Not Applicable>	onsemi does not withdraw water from produced/entrained water.
Third party sources	Relevant	12715	Lower	

**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	6740000 000	13599	495624.6782 85168	Due to the high dependency on water in semiconductor manufacturing, it is hard to predict the forward trend of this figure. As onsemi explores targets and goals related to water consumption and withdrawal, we will consider how our decisions and operations will impact this figure. We plan to have more insight into our water withdrawal efficiency in the coming years.

**W1.4**

**(W1.4) Do you engage with your value chain on water-related issues?**

Yes, our suppliers  
 Yes, our customers or other value chain partners

**W1.4a**

**(W1.4a) What proportion of suppliers do you request to report on their water use, risks and/or management information and what proportion of your procurement spend does this represent?**

**Row 1**

**% of suppliers by number**  
 76-100

**% of total procurement spend**  
 76-100

**Rationale for this coverage**

onsemi requires all suppliers to read and acknowledge the agreement of our comprehensive Supplier Handbook and the RBA Code of Conduct as part of their supplier onboarding process. This handbook and code of conduct outline specific guidance and requirements our suppliers must conform to when conducting business with onsemi.

**Impact of the engagement and measures of success**

This engagement ensures all suppliers understand the expectations set forth when conducting business with onsemi.

**Comment**

**W1.4b**

**(W1.4b) Provide details of any other water-related supplier engagement activity.**

**Type of engagement**

Onboarding & compliance

**Details of engagement**

Other, please specify (All new suppliers that provide materials or parts used in onsemi's final products are on-boarded by signing a statement of commitment to the onsemi Code of Business Conduct and RBA Code of Conduct.)

**% of suppliers by number**

76-100

**% of total procurement spend**

76-100

**Rationale for the coverage of your engagement**

onsemi requires that our suppliers provide implement a water management program, ensure safe working conditions, treat workers with dignity and respect, prohibit human trafficking and slavery (including the procurement of commercial sex acts and the use of forced child labor), promote ethical behavior, and use environmentally responsible manufacturing processes and follow principles similar to those in our Code of Business Conduct and the RBA Code of Conduct. The supplier must conform to all environmental laws, all applicable laws and regulations, behave ethically and conform to all social responsibility and conflict mineral requirements that are required in onsemi's CSR Statement of Commitment, provide any requested certifications, and cascade all applicable requirements down their supply chain. We have a comprehensive Supplier Handbook that all suppliers are required to acknowledge as part of their supplier onboarding process. This handbook outlines specific guidance and requirements our suppliers must conform to when conducting business with onsemi including the items listed above.

**Impact of the engagement and measures of success**

In 2021, 98.5% of our top 80% spend suppliers completed the 2021 RBA online Self-Assessment Questionnaire. This questionnaire speaks to the requirements outlined in our supplier handbook, our Code of Business Conduct and the RBA Code of Conduct. If a supplier does not meet the required 65% score, we are able to work with them to determine an improvement plan in order to increase their score and align their business practices with Code of Conduct and RBA Compliance.

**Comment**

---

**W1.4c**

---

**(W1.4c) What is your organization's rationale and strategy for prioritizing engagements with customers or other partners in its value chain?**

We currently only engage with our suppliers through our onboarding process and this engagement is driven by compliance, onsemi is exploring our rationale and strategy for prioritizing other engagements with customers and other value chain partners in conjunction with the exploration of incorporating water-related targets and goals.

**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?**

Yes, fines

Yes, enforcement orders or other penalties

**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**

125

**% of total facilities/operations associated**

1

**Number of fines compared to previous reporting year**

Higher

**Comment**

---

W2.2b

---

**(W2.2b) Provide details for all significant fines, enforcement orders and/or other penalties for water-related regulatory violations in the reporting year, and your plans for resolving them.**

**Type of penalty**  
Enforcement order

**Financial impact**  
0

**Country/Area & River basin**

Philippines	Other, please specify (Major basin: Philippines Minor basin: Visayan Islands)
-------------	---

**Type of incident**  
Other non-compliance with permits, standards, or regulations

**Description of penalty, incident, regulatory violation, significance, and resolution**  
Permit exceedance - dissolved copper.

---

**Type of penalty**  
Fine

**Financial impact**  
125

**Country/Area & River basin**

United States of America	Columbia River
--------------------------	----------------

**Type of incident**  
Effluent limit exceedances

**Description of penalty, incident, regulatory violation, significance, and resolution**  
Testing by a third-party showed ammonia discharge over the daily limit in Gresham, Oregon, Major basin: Columbia and Northwestern United States Minor basin: Lower Columbia/ Sandy

---

W3. Procedures

---

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**

Partial

**Risk assessment procedure**

Water risks are assessed as part of an established enterprise risk management framework

**Frequency of assessment**

More than once a year

**How far into the future are risks considered?**

1 to 3 years

**Type of tools and methods used**

Tools on the market

Enterprise risk management

**Tools and methods used**

WRI Aqueduct

Enterprise Risk Management

**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**

Employees

Water utilities at a local level

Other water users at the basin/catchment level

**Comment**

Water-related risks are included in our manufacturing site's quarterly risk assessment process. Our manufacturing sites make up about 19% of our total sites by number. Sites evaluate a variety of risks based on the risk likelihood, impact and appetite. Risks are included on a risk registrar and are managed by the onsite business continuity coordinator and business continuity sponsor.

---

**Value chain stage**

Direct operations

**Coverage**

Full

**Risk assessment procedure**

Water risks are assessed as part of an established enterprise risk management framework

**Frequency of assessment**

Annually

**How far into the future are risks considered?**

More than 6 years

**Type of tools and methods used**

Tools on the market

Enterprise risk management

**Tools and methods used**

WRI Aqueduct

Enterprise Risk Management

**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

**Stakeholders considered**

Employees

Regulators

Water utilities at a local level

Other water users at the basin/catchment level

**Comment**

Water-related risks are included in our annual enterprise risk management assessment. We identify critical risks by interviewing key stakeholders within the company and reviewing external research on the risk landscape. The risks identified and prioritized for action are closely tied with the company's operating and strategic plan. Risk response actions and commitments are tracked for completion on a regular basis.

---

**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.**

Our water risk assessment is driven by our enterprise risk management (ERM) program. The mission of our ERM program is to drive strategic capabilities that preserve and create value for our company by embedding a risk-aware decision-making culture across all functions. To that end, we have developed a process and framework to effectively identify, evaluate, prioritize, manage and report key risks that can impact our company's ability to achieve strategic goals and objectives. We identify critical risks by interviewing key stakeholders within the company and reviewing external research on the risk landscape. The risks identified and prioritized for action are closely tied with the company's operating and strategic plan. Risk response actions and commitments are tracked for completion on a regular basis. Ultimately, ERM is not considered a separate stand-alone activity but is rather integrated into the fabric of how we operate and included within the activities and functions we engage in to run our business and successfully achieve our goals and objectives.

**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?**

Yes, **onsemi** considers a "substantive financial or strategic" impact on our business to be one that has a high-risk score as determined by relative likelihood and material impact on the organization. We have developed a framework to systematically, consistently and effectively identify, evaluate, prioritize, and manage key risks and opportunities across different time horizons that can impact our company's ability to achieve strategic goals and objectives. The enterprise risk management (ERM) group at **onsemi** hosts an annual, off-site emerging risk scenario planning session with a cross-functional group of individuals to evaluate specific emerging risk scenarios that are considered new, ambiguous, unforeseen or slow to develop.

**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	At this time, onsemi has not identified any facilities that are exposed to water risks with the potential to have a substantive financial or strategic impact on our business.

**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	Not yet evaluated	As onsemi explores the implementation of water-related goals and targets, we will evaluate our exposure to water risks in our value chain.

**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**

Due to various governmental regulations, shifting investor priorities and the general trends around investments in sustainability and renewable energy projects, onsemi has identified significant opportunities related to our products that enable the transition to renewable energy sources. These products help to reduce overall water usage as energy produced through renewable sources is much less water-intensive than traditional energy sources such as coal or nuclear.

**Estimated timeframe for realization**

1 to 3 years

**Magnitude of potential financial impact**

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**

Due to the widespread and rapid adoption of renewable energy driven by governmental regulations, investment pressure and general trends toward renewable energy investment, we anticipate that sales of our products that aid in the transition to renewable energy will increase by a substantial amount. If our assumptions are correct, this will have a significant positive financial impact on our business.

**W6. Governance**

**W6.1**

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

No, but we plan to develop one within the next 2 years

**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	Please explain
Board-level committee	The Governance and Sustainability Committee, one of our standing Board committees, is explicitly tasked with oversight of the company's ESG framework, including in respect of (i) climate- and sustainability-related initiatives and other company actions associated with the environment, and (ii) assisting the Board in providing guidance and oversight in respect of strategy, risk management, opportunities, major capital expenditures and investments in connection with such matters, in each case, subject to any specific matter connected to ESG initiatives that may have been expressly allocated to another committee of the Board. Of the governance mechanisms below in W6.2b into which climate-related issues are integrated, the Governance and Sustainability Committee handles all except for the oversight of major capital expenditures, acquisitions and divestitures.

**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 - some meetings	Monitoring implementation and performance Providing employee incentives Reviewing and guiding annual budgets Reviewing and guiding business plans Reviewing and guiding major plans of action Reviewing and guiding risk management policies Reviewing and guiding strategy Reviewing and guiding corporate responsibility strategy Reviewing innovation/R&D priorities Setting performance objectives	The Governance and Sustainability Committee reviews water-related issues in connection with broader ESG matters.

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	No, but we plan to address this within the next two years	<Not Applicable>	Important but not an immediate priority	At this time, we have not assessed our board members' competence on water-related issues. We have completed a full assessment regarding board members' climate-related competence which could include water-related competence. The criteria used to assess competence of board members on climate-related issues include, but are not limited to, the following: (i) the experience and knowledge gained from management of climate- and sustainability-related issues from prior work experiences; and (ii) other board memberships and specific training and/or education sessions attended regarding climate-related issues and corporate oversight of such issues. As onsemi explores the development of a water strategy, we will include the evaluation of board members' competence on the topic.

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)

**Responsibility**

Assessing water-related risks and opportunities  
 Managing water-related risks and opportunities

**Frequency of reporting to the board on water-related issues**

Quarterly

**Please explain**

Our CEO is at the top of our organizational structure and takes an active role in managing the company's strategy. Our CEO has primary responsibility for the operational leadership and strategic direction of onsemi, including our climate-related strategies and initiatives. The CEO oversees and reviews the completion of set goals and the progress of sustainability projects as it relates to our corporate social responsibility program. These projects and goals can include water-related issues.

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

Chief Operating Officer (COO)

**Responsibility**

Assessing future trends in water demand  
 Assessing water-related risks and opportunities  
 Managing water-related risks and opportunities

**Frequency of reporting to the board on water-related issues**

Quarterly

**Please explain**

Our EVP of operations and manufacturing is responsible for managing our operations including activities relating to our water-related initiatives. With direct oversight over our progression towards set consumption and reduction goals, our EVP of operations and manufacturing can effectively manage our operations in an environmentally responsible manner. Our EVP of operations and manufacturing works closely with our CMO as well as our environmental, health and safety team to ensure progress is being made towards outlined goals and interventions are taking place where they are needed.

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

Risk committee

**Responsibility**

Assessing water-related risks and opportunities  
 Managing water-related risks and opportunities

**Frequency of reporting to the board on water-related issues**

Half-yearly

**Please explain**

Our Risk Committee (comprised of the CEO, CLO, CFO and EVP of operations and manufacturing) is responsible for identifying, managing, and mitigating risks faced by onsemi. Our Enterprise Risk Management (ERM) program has identified water-related risks that the company will face over the coming years. ERM findings are communicated to the Risk Committee on a quarterly basis to ensure that this information is communicated to the other C-Suite team and to our board of directors.

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

Other C-Suite Officer, please specify (Chief Marketing Officer)

**Responsibility**

Assessing water-related risks and opportunities  
 Managing water-related risks and opportunities

**Frequency of reporting to the board on water-related issues**

More frequently than quarterly

**Please explain**

Our CMO leads our CSR team who works on the day-to-day tasks associated with our environmental, social and governance initiatives. The CMO is responsible for making recommendations to the board around water-related issues including trending CSR topics and how onsemi should be responding to these trends. Additionally, our CMO is directly responsible for the success of our ESG programs including annual reporting, Global Giving, and our CSR targets.

**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	Executive bonuses are lined up with onsemi strategic goals. The Individual Strategic Components included in the Individual Goal Achievement Percentage were scored: (i) for certain binary metrics, at either 0% or 100% attainment without linear interpolation between the attainment levels, or (ii) at up to 100% attainment, with linear interpolation for attainment between the threshold and target levels. The Individual Strategic Components were tailored to the specific initiatives focused upon by each executive within the broader context of the Company's strategy. The individual targets varied by executive and consisted of items that management recommended, and the HCC Committee determined, were integral to the success of the Company, including financial, ESG, new products, quality improvement, human capital and operational initiatives.

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	Please explain
Monetary reward	Other, please specify (All Employees)	Reduction of water withdrawals Reduction in consumption volumes Improvements in efficiency - direct operations Improvements in waste water quality - direct operations	At onsemi, we recognize that our employees are a key resource in achieving our various reduction and efficiency initiatives. Employees across our company but especially employees at our manufacturing sites are encouraged to submit suggestions related to water efficiency and reduction projects to the site-managed suggestion box. These suggestions are regularly monitored and managed by our onsite EHS and general management teams. If an employee-suggested idea is implemented at the site, most sites will give a monetary reward for the suggested idea. For example, an employee at our Nampa manufacturing facility was awarded a \$50 gift card for their suggestion of a water-reduction-related project that was implemented at the site.
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, 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?**

We support public policies that encourage the innovation, investment and open markets necessary to advance our vision of driving energy-efficient innovations that empower customers to reduce global energy use. Our public policy program reflects our profile as a global company headquartered in the United States, which interacts regularly with government agencies around the world. The company's focus products include power semiconductors that enable electric vehicles and renewable energy and is a member of organizations that encourage government policies that support these markets. Participating in political activities is a very sensitive and complex area, and strict laws govern our political activities as a company. For this reason, onsemi does not make political contributions to individual candidates. In the U.S., companies and other organizations may organize political action committees (PACs) to support political candidates with funds voluntarily contributed by qualified employees. We chose not to have a PAC and did not make political contributions in our company's name in 2021.

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)  
2022 onsemi 10-K.pdf

Pg. 12

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	No, water-related issues not yet reviewed, but there are plans to do so in the next two years	<Not Applicable>	For the past year, onsemi was focused on vetting, developing and committing to our net zero by 2040 goal. This climate goal is focused on our greenhouse emissions reduction effort. We spent the past year ensuring we had the correct resources, processes and technologies in place to work toward achieving this goal. As we continue to work on progress toward this climate goal, onsemi understands the importance of incorporating other environmental and social metric goals to ensure we are taking a holistic approach to this goal. The company is exploring the incorporation of water-related issues into our strategic business planning process in the future as we know semiconductor manufacturing is incredibly water-intensive and water is a crucial resource for our operations and humanity as a whole.
Strategy for achieving long-term objectives	No, water-related issues not yet reviewed, but there are plans to do so in the next two years	<Not Applicable>	For the past year, onsemi was focused on vetting, developing and committing to our net zero by 2040 goal. This climate goal is focused on our greenhouse emissions reduction effort. We spent the past year ensuring we had the correct resources, processes and technologies in place to work toward achieving this goal. As we continue to work on progress toward this climate goal, onsemi understands the importance of incorporating other environmental and social metric goals to ensure we are taking a holistic approach to this goal. The company is exploring the incorporation of water-related issues into our strategic business planning process in the future as we know semiconductor manufacturing is incredibly water-intensive and water is a crucial resource for our operations and humanity as a whole.
Financial planning	No, water-related issues not yet reviewed, but there are plans to do so in the next two years	<Not Applicable>	For the past year, onsemi was focused on vetting, developing and committing to our net zero by 2040 goal. This climate goal is focused on our greenhouse emissions reduction effort. We spent the past year ensuring we had the correct resources, processes and technologies in place to work toward achieving this goal. As we continue to work on progress toward this climate goal, onsemi understands the importance of incorporating other environmental and social metric goals to ensure we are taking a holistic approach to this goal. The company is exploring the incorporation of water-related issues into our strategic business planning process in the future as we know semiconductor manufacturing is incredibly water-intensive and water is a crucial resource for our operations and humanity as a whole.

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)**

0

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

0

**Water-related OPEX (+/- % change)**

0

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

0

**Please explain**

At this time, onsemi is not looking to adjust its water-related CAPEX/OPEX outside normal expenditure levels. As the company explores the development of water-related targets and goals, adjustments and CAPEX/OPEX will be considered to meet the developed goals.

W7.3

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

	Use of scenario analysis	Comment
Row 1	No, but we anticipate doing so within the next two years	For the past year, onsemi was focused on vetting, developing and committing to our net zero by 2040 goal. This climate goal is focused on our greenhouse emissions reduction effort. We spent the past year ensuring we had the correct resources, processes and technologies in place to work toward achieving this goal. As we continue to work on progress toward this climate goal, onsemi understands the importance of incorporating other environmental and social metric goals to ensure we are taking a holistic approach to this goal. The company is exploring the incorporation of water-related issues into our strategic business planning process in the future as we know semiconductor manufacturing is incredibly water-intensive and water is a crucial resource for our operations and humanity as a whole. To ensure this process is impactful, we will explore the use of scenario analysis for both our water-related and climate-related issues.

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**

For the past year, onsemi was focused on vetting, developing and committing to our net zero by 2040 goal. This climate goal is focused on our greenhouse emissions reduction effort. We spent the past year ensuring we had the correct resources, processes and technologies in place to work toward achieving this goal. As we continue to work on progress toward this climate goal, onsemi understands the importance of incorporating other environmental and social metric goals to ensure we are taking a holistic approach to this goal. The company is exploring the incorporation of water-related issues into our strategic business planning process in the future as we know semiconductor manufacturing is incredibly water-intensive and water is a crucial resource for our operations and humanity as a whole. To ensure this process is impactful, we will explore the use of an internal price on water.

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	Yes	At onsemi, we consider all products that go into renewable energy applications to be low water impact. Energy generation requires massive amounts of water - almost half of US water withdrawals are used to generate energy. Due to the water-energy nexus, we know that certain forms of energy production, such as coal and nuclear, are incredibly water-intensive. Energy generated through renewable sources has a much lower water intensity per MWh of energy generated and consumed than other forms of energy. For this reason, we consider any product that helps support the production and consumption of renewable energy is classified as low water impact.	<Not Applicable>	

W8. Targets

W8.1

(W8.1) Describe your approach to setting and monitoring water-related targets and/or goals.

	Levels for targets and/or goals	Monitoring at corporate level	Approach to setting and monitoring targets and/or goals
Row 1	Our company sets no targets or goals	<Not Applicable>	<Not Applicable>

W8.1c

(W8.1c) Why do you not have water target(s) or goal(s) and what are your plans to develop these in the future?

	Primary reason	Please explain
Row 1	We are planning to introduce a target or goal within the next two years	For the past year, onsemi was focused on vetting, developing and committing to our net zero by 2040 goal. This climate goal is focused on our greenhouse emissions reduction effort. We spent the past year ensuring we had the correct resources, processes and technologies in place to work toward achieving this goal. As we continue to work on progress toward this climate goal, onsemi understands the importance of incorporating other environmental and social metric goals to ensure we are taking a holistic approach to this goal. The company is exploring the incorporation of water targets and goals in the future as we know semiconductor manufacturing is incredibly water-intensive and water is a crucial resource for our operations and humanity as a whole. onsemi is exploring establishing water targets in the coming years.

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. 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.

W10.1

(W10.1) Provide details for the person that has signed off (approved) your CDP water response.

	Job title	Corresponding job category
Row 1	Chief Marketing Officer	Other C-Suite Officer