Aptiv - Water Security 2023

W0. Introduction

W0.1

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

Aptiv is a leading global technology and mobility company primarily serving the automotive sector. We design and manufacture vehicle components and provide electrical, electronic and active safety technology solutions to the global automotive and commercial vehicle markets, creating the software and hardware foundation for vehicle features and functionality. We enable and deliver end-to-end smart mobility solutions, active safety and autonomous driving technologies and provide enhanced user experience and connected services. Our Advanced Safety and User Experience segment is focused on providing the necessary software and advanced computing platforms, and our Signal and Power Solutions segment is focused on providing the requisite networking architecture required to support the integrated systems in today's complex vehicles. Together, our businesses develop the 'brain' and the 'nervous system' of increasingly complex vehicles, providing integration of the vehicle into its operating environment.

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.

Austria
Brazil
China
Czechia
France
Germany
Honduras
Hungary
India
Indonesia
Ireland
Italy
Japan
Malaysia
Mexico
Morocco
North Macedonia
Poland
Portugal
Republic of Korea
Romania
Serbia
Singapore
Slovenia
Spain
Sweden
Tunisia
Turkey
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?

Yes

W0.6a

(W0.6a) Please report the exclusions.

Exclusion	Please explain
A) Leased property where water is included within lease payment/contract B) Properties with less than 30 individuals C) Acquisitions as of December, 2022	A) Volume of water consumption for the property is managed by the landlord/owner. B) Efforts to acquire data is difficult and current corporate resources are focused on sites with the majority of water consumption (manufacturing sites) .C) Acquisitions in late 2022 have been excluded from the data input because not representative.

W0.7

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

Indicate whether you are able to provide a unique identifier for your organization.	Provide your unique identifier
Yes, an ISIN code	JE00B783TY65

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	Neutral	Neutral	Most of Aptiv's activities consist in assembling and plastic molding, therefore we do not use water in our manufacturing processes and we consider (when assessing our water consumption or benchmarking against peers) our business as low intensive in terms of water consumption. Supply of freshwater is nevertheless important for our employees for drinking and washing purposes, moreover we consider access to water and sanitation as a human rights and it's part of our EHS and Energy policy. However this consumption of water by employees is very low compared to other industries where water is needed in the manufacturing process.
Sufficient amounts of recycled, brackish and/or produced water available for use	Not very important	Neutral	Where possible, Aptiv utilizes recycled water for operational and landscaping purposes. An example of this practice includes the connection to the "Purple Line" in three of our sites in Juarez, Mexico, for the purpose of utilizing treated, non-potable water for landscape purposes. However these amount of water consumed are not significant, hence we do not consider the company dependent of recycled water.

W1.2

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

	% of sites/facilities/operations	Frequency of measurement	Method of measurement	Please explain
Water withdrawals – total volumes	76-99	Monthly	Invoice from water utility that provide the service or water flow meters in wells	Our manufacturing sites report every month in our EHS platform water withdrawals and attached evidence of these measurments. This includes water-related key performance indicators such as water withdrawals, discharges, and water recycled. The required freshwater is 95% provided by municipal utilities agencies.
Water withdrawals – volumes by source	76-99	Monthly	Invoice from water utility that provide the service or water flow meters in wells	Our manufacturing sites report every month in our EHS platform water withdrawals and attached evidence of this measurment (Invoices or flow meters). According to the data collected annually the freshwater is provided from: 1-.municipality/externals (90-95%) 2. Wellwater (1%-5%) 3. Rainwater in few locations (less than <1%)
Entrained water associated with your metals & mining and/or coal sector activities - total volumes [only metals and mining and coal sectors]	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Produced water associated with your oil & gas sector activities - total volumes [only oil and gas sector]	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Water withdrawals quality	76-99	Yearly	Sampling and lab testing (external) Main parameters : Arsenic (0.025 mg/l), Cyanure (0.07 mg/l), Heavy Metals, Fecal Coliform (<1.1 NMP/100 mL), pH (6.5 a 8.5), Turbidity (NTU), IOCs, VOCs and SOCs	Our water quality procedures stablish that water withdrawals need to comply with local water quality regulations. 100% of the water withdrawals' quality is measured and monitored (at least annually, generally more frequently), either by external suppliers or external laboratories.
Water discharges – total volumes	76-99	Yearly	The discgarge volumes are measured and calculated by external sampling and lab testing according to the local regulation or at least yearly according to our internal procedure Water & Wastewater Management - HOGP_5-3_SE_18_EN	100% of our operational sites comply with this requirement according to our procedure Water & Wastewater Management - HOGP_5-3_SE_18_EN.
Water discharges – volumes by destination	76-99	Yearly	All wastewater discharges, direct and indirect, (sanitary, process, and storm-water) must comply with all local, state or national regulations and/or permit requirements. Untreated sanitary wastewater, storm water runoff and untreated process wastewater shall be segregated unless commingling is compatible with local regulations and downstream treatment.	100% of our operational sites comply with this requirement .
Water discharges – volumes by treatment method	76-99	Yearly	We keep a database of all wastewater discharges, direct and indirect, (sanitary, process, and storm-water) treatment methods - On-site treatment (MBBR, SBR, Sand Filtering, UV Disenfection, Activaded Sludge) or municipal wastewaster treatment plants,.	100% of our operational sites comply with this requirement .
Water discharge quality – by standard effluent parameters	76-99	Yearly	Main paramteres : Oil and Grease (20mg/l), pH(6-9), Fecal Coliform (1000 cfu/100 ml), TSS (70 mg/l), BOD (50 mg/l), COD (800 mg/l), Total phosphorus (10 mg/l), Ammonia Nitrogen (30 mg/l), Phenols (2mg/l), Copper (1mg/l), Cynade (0.3 mg/l), Lead (0.3 mg/l), Mercury (0.005 mg/l), Nickel (1 mg/l), Chromium (1 mg/l), Zinc (2mg/l)	100% of our operational sites comply with this requirement . In the absence of local, state, national or permit discharge limits for the contaminants listed , the facility must meet the Aptiv target values for those individual contaminants where they are discharged directly to a surface water
Water discharge quality – emissions to water (nitrates, phosphates, pesticides, and/or other priority substances)	76-99	Yearly	Total phosphorus (10 mg/l), Ammonia Nitrogen (30 mg/l). The discgarge volumes are measured and calculated by external sampling and lab testing according to the local regulation or at least yearly according to our internal procedure Water & Wastewater Management - HOGP_5-3_SE_18_EN	100% of our operational sites comply with this requirement . In the absence of local, state, national or permit discharge limits for the contaminants listed , the facility must meet the Aptiv target values for those individual contaminants where they are discharged directly to a surface water
Water discharge quality – temperature	76-99	Yearly	The discgarge volumes are measured and calculated by external sampling and lab testing according to the local regulation.	100% of our operational sites comply with this requirement . In the absence of local, state, national or permit discharge limits for the contaminants listed , the facility must meet the Aptiv target values for those individual contaminants where they are discharged directly to a surface water
Water consumption – total volume	76-99	Monthly	We measure our water consumption monthly using water utilities invoces or water flow meters	100% of our operational sites comply with this requirement .
Water recycled/reused	76-99	Monthly	We measure our water consumption monthly using water utilities invoces or water flow meters.	100% of our operational sites comply with this requirement .
The provision of fully-functioning, safely managed WASH services to all workers	76-99	Daily	All employees have access to clean water and services all the time in all locations according the local regulations.	We are committed to implementing access to safe water, sanitation and hygiene at the workplace at an appropriate level of standard for all employees in all sites.

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	2419.31	About the same	Increase/decrease in business activity	Lower	Increase/decrease in efficiency	Change Total water withdrawals increase by 9% over the last reporting year as production volume increase due to more business activitiy and recovery after COVID-19 pandemic. Outlook Due to targets to reduce water at our production sites and the production lines that are located in water-scarcity areas and targets to achieve at least 80% of best water mangement practices in non-risk locations, water consumption will decrease further companywide in the future.
Total discharges	1701.58	About the same	Increase/decrease in business activity	Lower	Increase/decrease in efficiency	Change Total water withdrawals increase by 9% and water intensity by employee decresed by 10% over the last reporting year as production volume increase due to more business activitiy and recovery after COVID-19 pandemic. Outlook Due to targets to reduce water at our production sites and the production lines that are located in water-scarcity areas and targets to achieve at least 80% of best water mangement practices in non-risk locations, water consumption will decrease further companywide in the future
Total consumption	717.73	About the same	Increase/decrease in business activity	Lower	Increase/decrease in efficiency	Change Total water withdrawals increase by 9% over the last reporting year as production volume increase due to more business activitiy and recovery after COVID-19 pandemic. Outlook Due to targets to reduce water at our production sites and the production lines that are located in water-scarcity areas and targets to achieve at least 80% of best water mangement practices in non-risk locations, water consumption will decrease further companywide in the future

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	51-75	About the same	Increase/decrease in efficiency	Lower	Increase/decrease in efficiency	Other, please specify (Verisk Maplecroft)	WATER WITHDRAWALS IN WATER STRESS AREAS In 2022 the share of water withdrawn from water stressed areas remanin the same at 61% in comparison to 2021. In 2022, 66 of our manufacturing sites were situated in water stressed areas. The water withdrawl ratio beteween employee (m3/FTE) from stressed areas decreased by about 11% in comparison with the last reporting year. USE OF TOOL In order to classify local risks, the Maplecroft risk index tool was chosen, because of the detailed data which makes it possible to receive individual information for extreme local issues like water. The Water Stress Index evaluates total water use relative to total annual available flow, accounting for upstream consumptive use. This Water Stress Index quantifies baseline water stress at the catchment level, while also identifying localised variations within the catchment boundaries. A risk category is assigned to each catchment based on the ratio of water use to renewable supply, enabling users to visualise the inherent water stress in that area. Within catchments, the subnational map reflects different levels of combined domestic, industrial and agricultural water demand. DEFINITION AND IDENTIFICATION Water stress is defined according to Maplecroft: The Water Stress Index evaluates total water use relative to total annual available flow, accounting for upstream consumptive use. This Water Stress Index quantifies baseline water stress at the catchment level, while also identifying localised variations within the catchment boundaries. A risk category is assigned to each catchment based on the ratio of water use to renewable supply, enabling users to visualise the inherent water stress in that area. The baseline water stress indicators published by the World Resources Institute from the Aqueduct Water Risk Atlas are used to assign a risk category to each catchment. The risk categories align with the widely used definition of "water stress": a water demand to supply ratio of 40% or greater. The national Water Stress Index scores are calculated using the following statistics generated from the subnational water stress map: -Water Stress (average), (75%) The mean water stress score in each country -Water Stress (relative high/extreme), (25%) The proportion of each country's land area categorised as "water stressed" (i.e. with a demand to supply ratio greater than or equal to 40%)

W1.2h

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

	Relevance	Volume (megaliters/year)	Comparison with previous reporting year	Primary reason for comparison with previous reporting year	Please explain
Fresh surface water, including rainwater, water from wetlands, rivers, and lakes	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	Just a few sites collect rainwater to be use in our manufacturing sites. Most of the water is sourced by water utilities companies or water utilities run by goverment agencies.
Brackish surface water/Seawater	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	We don't use Brackish surface water/Seawater.
Groundwater – renewable	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	Non-renewable groundwater is not used.
Groundwater – non-renewable	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	Just a few sites source water from water wells. Most of the water is sourced by water utilities companies or water utilities run by goverment agencies.
Produced/Entrained water	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	Produced/Entrained water is not used. Some manufacturing site treat wastewater in our MBR WWTP and we are able to produce sufficient amounts of recycling water for sanintary and irrigation purposes.
Third party sources	Relevant	2238.98	About the same	Increase/decrease in efficiency	Total water withdrawals increase by 9% and water intensity by employee decresed by 10% over the last reporting year as production volume increase due to more business activitiy and recovery after COVID-19 pandemic.

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	118	About the same	Increase/decrease in business activity	Decrease in 1% of discharges to surface water, all sites with discharges to surface water have and operate WWTP in Aptiv's facilities, if discharges don't meet local regulations they are treated by external contractors in its facilities.
Brackish surface water/seawater	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	Aptiv doesn't discharge in Brackish surface water/seawater
Groundwater	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	Only 1% is discharged in deep wells (24 Megaliters/ year).
Third-party destinations	Relevant	1583.18	About the same	Increase/decrease in efficiency	Wastewater discharged to third party destionations increase 1% over 2021. All wastewater discharges, direct and indirect, (sanitary, process, and storm-water) must comply with all local, state or national regulations and/or permit requirements and must be connected to municipal sewage treatment plant if available. In case of the absence of municipal WWTP the site must segregated wastewater unless commingling is compatible with local regulations and downstream treatment. Processes that generate sanitary or wastewater processes must be shut down if wastewaters cannot be effectively treated or contained, unless by-pass authorized by regulatory authority.

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	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>	Aptiv doesn't have facilities with tertiary tretment. All wastewater discharges, direct and indirect, (sanitary, process, and storm-water) must comply with all local, state or national regulations .
Secondary treatment	Relevant	911.03	About the same	Increase/decrease in business activity	41-50	25 sites of Aptiv operate secondary WWTP in compliance with all local, state or national regulations. The WWTP tecnologies that are installed and operated are the following :Activated Sludge Process (ASP), Roatating Biological Contactors, Submerged Fixed Bed Biofil Reactor, Moving Bed Biofilm Reactors and Sequencing Batch Reactor. WWTP are installed when one or more parameters (COD, BOD, phosphorus, nitrogen, fecal coliforms,etc) need to be reduced to comply local regulation or discharged to a surface water.
Primary treatment only	Relevant	107.1	About the same	Increase/decrease in business activity	1-10	5 sites of Aptiv operate primary WWTP (Physical Chemical Treatment) in compliance with all local, state or national regulations. WWTP are installed when one or more parameters (COD, BOD, phosphorus, nitrogen, fecal coliforms,etc) need to be reduced to comply local regulation or discharged to a surface water.
Discharge to the natural environment without treatment	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>	All wastewater discharges, direct and indirect, (sanitary, process, and storm-water) must comply with all local, state or national regulations and/or permit requirements and must be connected to municipal sewage treatment plant if available. In case of the absence of municipal WWTP the site must segregated wastewater unless commingling is compatible with local regulations and downstream treatment
Discharge to a third party without treatment	Relevant	683.35	About the same	Increase/decrease in business activity	41-50	112 sites of Aptiv discharge in municipal or industrial parks WWTP. All wastewater discharges, direct and indirect, (sanitary, process, and storm-water) must comply with all local, state or national regulations and/or permit requirements and must be connected to municipal sewage treatment plant if available. In case of the absence of municipal WWTP the site must segregated wastewater unless commingling is compatible with local regulations and downstream treatment
Other	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>	N/A

W1.2k

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

	Emissions to water in the reporting year (metric tonnes)	Category(ies) of substances included	List the specific substances included	Please explain
Row 1	55437.5	Nitrates Phosphates	<Not Applicable>	Considering Aptiv's maxim discharge value of Total Phosphorus 10 mg/l and Ammonia Nitrogen 30mg/l

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	17489000000	2419.31	7228920.64266258	Increase of 2% year over year due to increase in business activities . Due to our annual targets to save water and implementation of best water management practices, the total water withdrawals are assumed to decrease in the coming years. Business revenue is expected to increase as consequence the total water withdrawal efficiency is expected to improve in the 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	Aptiv products are in compliance with global regulations and customer requirements that impact Aptiv final products. Aptiv comply with the following international regulatons : -Material Data Reporting (FMD, BOM Check, IMDS) -EU Legislations (ELV, REACH, RoHS) -US EPA -California Prop 65 -Original Equipment Manufacturers Requirements -China REACH -Japan REACH -Aptiv 10949001 Specifications. -C2P

W1.5

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

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

W1.5a

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

Row 1

Assessment of supplier impact

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

Considered in assessment

<Not Applicable>

Number of suppliers identified as having a substantive impact

<Not Applicable>

% of total suppliers identified as having a substantive impact

<Not Applicable>

Please explain

As a global technology company enabling the safer, greener and more connected future of mobility, it's part of Aptiv's values to act responsibly, to always do the right thing, the right way. These values also apply to all of our partners. Aptiv requires to its suppliers to comply with the Code of Conduct for Business Partners. Aptiv's Code of Conduct for Business Partners requires to minimize their impact in water consumption and obtain ISO 14001 certification to do business with Aptiv.

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, and we do not plan to introduce water-related requirements within the next two years	

W1.5d

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

Type of engagement
No other supplier engagements

Details of engagement
<Not Applicable>

% of suppliers by number
<Not Applicable>

% of suppliers with a substantive impact
<Not Applicable>

Rationale for your engagement
Aptiv is in the process to implement a sustainability survey and ranking within its supply chain, where water consumption will be one of the main topics related to the environmental score of our supply-chain.

Impact of the engagement and measures of success
<Not Applicable>

Comment
Aptiv is in the process to implement a sustainability survey and ranking within its supply chain, where water consumption will be one of the main topics related to the environmental score of our supply-chain.

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
Run an engagement campaign to educate stakeholders about your water-related performance and strategy

Rationale for your engagement
Aptiv carry out every year a campaing with its customers to present its results of Aptiv's the sustainability report , on the report we present the results of our water saving strategies. (Water KPI performance Water Withdraws/FTEs)

Impact of the engagement and measures of success
Aptiv presented the sustainability report to 22 customers and automotive OEMs.

W2. Business impacts

W2.1

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

No

W2.2

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

	Water-related regulatory violations	Fines, enforcement orders, and/or other penalties	Comment
Row 1	Yes	Fines	4 parameters were out of compliance (Biochemical oxygen demand, Chemical oxygen demand, Solids total suspended, fats and oils) and for these surpluses the plant was set a payment of $5149 USD that will be included in the water bill

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
5149

% of total facilities/operations associated
1

Number of fines compared to previous reporting year
Higher

Comment
First fine that the company receives.

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
5149

Country/Area & River basin

Mexico	Bravo

Type of incident
Effluent limit exceedances

Description of penalty, incident, regulatory violation, significance, and resolution
4 parameters were out of compliance (Biochemical oxygen demand, Chemical oxygen demand, Solids total suspended, fats and oils) and for these surpluses the plant was set a payment of $5149 USD that will be included in the water bill. The site implemented corrective actions and improved the maintenance of its grease/oil trap in kitchen and replaced chemicals used in general facilities maintenance.

W3. Procedures

W3.1

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

	Identification and classification of potential water pollutants	How potential water pollutants are identified and classified	Please explain
Row 1	Yes, we identify and classify our potential water pollutants	All wastewater discharges, direct and indirect, (sanitary, process, and storm-water) must comply with all local, state or national regulations and/or permit requirements. In the absence of local, state, national or permit discharge limits the facility must meet the following Aptiv target values : -Process Wastewater Discharge Quality Target Values : Oil and Grease / 20 mg/l/ grab / annually, pH / 6-9 units / grab / annually Fecal Coliform / 10001 cfu/100ml/grab / annually, Total Suspended Solids/70 mg/l/composite / annually,BOD (5-day) or CBOD (5 day)/50 mg/l/composite / annually, Chemical Oxygen Demand / 800 mg/l/composite / annually, Total Phosphorus/ 10 (mg/l)/composite / annually, Ammonia Nitrogen/30 (mg/l)/composite / annually, Phenols/2(mg/l)/composite / annually, Copper (total)/1 (mg/l)/composite / annually, Cyanide (amenable)0.3 (mg/l)/composite / annually, Lead (total)/0.005 (mg/l)/composite / annually, Nickel (total)/1 (mg/l)/composite / annually, Chromium (total)/1 (mg/l)/composite / annually, Zinc (total)/2 (mg/)/ composite / annually. -Sanitary Wastewater Discharge Quality Target Values - Oil and Grease / 20 (mg/l)/ grab / annually,pH / 6-9 units / grab / annually, Fecal Coliform / 10001 cfu/100ml/grab / annually,Total Suspended Solids/70 (mg/l)/composite / annually,BOD (5-day) or CBOD (5 day)/50 (mg/l)/composite / annually, Chemical Oxygen Demand / 800 (mg/l)/composite / annually, Total Phosphorus/ 10 (mg/l)/composite / annually, Ammonia Nitrogen/30 (mg/l	<Not Applicable>

W3.1a

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

Water pollutant category
Oil

Description of water pollutant and potential impacts
Grease and Oil generated in kitchens of our facilities. If these compounds are not removed before discharge of treated wastewater, oil and grease can interfere with biological life in surface waters and create unsightly films.

Value chain stage
Direct operations

Actions and procedures to minimize adverse impacts
Implementation of integrated solid waste management systems

Please explain
Grease Trap / Oil separation tank for kitchens/ Oil/Water seperator in air compressor syste.

Water pollutant category
Other nutrients and oxygen demanding pollutants

Description of water pollutant and potential impacts
COD / BOD - Higher BOD/COD levels mean a greater amount of oxidizable organic material in the sample, which will reduce dissolved oxygen (DO) levels.

Value chain stage
Direct operations

Actions and procedures to minimize adverse impacts
Beyond compliance with regulatory requirements
Implementation of integrated solid waste management systems
Water recycling

Please explain
30 Aptiv's manufacturing sites operate WWTP to have a compliance beyoind regulatory requirements, these WWTP include technologies like Activated Sludge Process (ASP), Roatating Biological Contactors, Submerged Fixed Bed Biofil Reactor, Physical Chemical Treatment, Moving Bed Biofilm Reactors and Sequencing Batch Reactor. Our procedure HOGP_5-3_SE_18_EN - Water & Watewater Mangement requires that all sites comply with all local, state or national regulations and/or permit requirements. All process wastewater facilities must be compatible with the contaminants in the wastewater. In the absence of local, state, national or permit discharge limits for the contaminants listed , the facility must meet the Aptiv target values for those individual contaminants where they are discharged directly to a surface water. Analysis for specific contaminants shall be performed in accordance with local, state, national or permit requirements. In the absence of legal requirements for analysis of specific contaminants, analysis shall be performed based on the sampling requirements specified in our procedure . Aptiv utilizes recycled water for operational and landscaping purposes. An example of this practice includes the connection to the "Purple Line" in three of our sites in Juarez, Mexico, for the purpose of utilizing treated, non-potable water for landscape purposes

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 in an environmental risk assessment

Frequency of assessment
Annually

How far into the future are risks considered?
1 to 3 years

Type of tools and methods used
Enterprise risk management
Databases

Tools and methods used
ISO 31000 Risk Management Standard

Contextual issues considered
Water availability at a basin/catchment level
Water quality at a basin/catchment level
Stakeholder conflicts concerning water resources at a basin/catchment level
Implications of water on your key commodities/raw materials
Water regulatory frameworks
Status of ecosystems and habitats

Stakeholders considered
Customers
Employees
Investors
Local communities
Regulators
Water utilities at a local level

Comment
1. IDENTIFICATION:
Both bottom-up and top-down processes are used to identify water risks and opportunities.
- All risks and opportunities (including water-related) are identified and assessed by regional Teams using the ISO14001 certified Risk Priority Number (RPN) System. The majority of risks are identified using three attributes, (i) magnitude of loss ($ value), (ii) likelihood of occurrence, and (iii) timeframe/urgency. Overall, we have 100+ risks cataloged for which mitigation activities are in place.

2. ASSESSMENT:
The effect of revenue-related risks and opportunities on EBIT are estimated by the local responsibilities and are assessed on group-level if their impacts are likely to pass the site-individual defined threshold level, generally $500,000. All inherent risks and opportunities above this financial impact are to be reported to the global ERC-Committee.

For risk and opportunities below the threshold, the local EHS team determines which risks need to be mitigated, once the assessment completed. For this task, a written procedure has been established at the corporate level to consider every aspect of the mitigation plan. This document is called “Environmental, Health, Safety, Sustainability and Energy Objectives and Plans Review of Significant Risks-Aspects.”

3. RESPONDING:
On global level, the Process for responding to climate related Risks/Opportunities follows roughly the following process:
After climate related R/Os have been identified and assessed, they are prioritized according to impact, likelihood and potential influence on net sales. There are different ways to treat risks:
1. Avoid risks with a high likelihood and high impact by stopping specific activities.
2. Reduce risks with a high likelihood but low impact by mitigation measures.
3. Transfer risks with low likelihood but high impact by insurance, outsourcing, etc.
4. Accept risk with low likelihood and low impact, if the cost to mitigate risk is higher than cost to bear the risk.

W3.3b

(W3.3b) Describe your organization's process for identifying, assessing, and responding to water-related risks within your direct operations and other stages of your value chain.

	Rationale for approach to risk assessment	Explanation of contextual issues considered	Explanation of stakeholders considered	Decision-making process for risk response
Row 1	Both bottom-up and top-down processes are used to identify water risks and opportunities. - All risks and opportunities (including water-related) are identified and assessed by regional Teams using the ISO14001 certified Risk Priority Number (RPN) System. The majority of risks are identified using three attributes, (i) magnitude of loss ($ value), (ii) likelihood of occurrence, and (iii) timeframe/urgency. Overall, we have 100+ risks cataloged for which mitigation activities are in place.	Contextual issues considered : Location and geography of the site, regulatory requirements, operational procedures, uses of water in the facility, water availabillity, water cost, municipal water infrastructure, annual rainfall, coporate strategy and targets, customers requirements and suppliers risks.	-Government -Community -Customers -Investors -Suppliers -Water Utilities -Employees -NGOs -Other water users at the basin/catchment level	The effect of revenue-related risks and opportunities on EBIT are estimated by the local responsibilities and are assessed on group-level if their impacts are likely to pass the site-individual defined threshold level, generally $500,000. All inherent risks and opportunities above this financial impact are to be reported to the global ERC-Committee. For risk and opportunities below the threshold, the local EHS team determines which risks need to be mitigated, once the assessment completed. For this task, a written procedure has been established at the corporate level to consider every aspect of the mitigation plan. This document is called "Environmental, Health, Safety, Sustainability and Energy Objectives and Plans Review of Significant Risks-Aspects." After water related R/Os have been identified and assessed, they are prioritized according to impact, likelihood and potential influence on net sales. There are different ways to treat risks: 1. Avoid risks with a high likelihood and high impact by stopping specific activities. 2. Reduce risks with a high likelihood but low impact by mitigation measures. 3. Transfer risks with low likelihood but high impact by insurance, outsourcing, etc. 4. Accept risk with low likelihood and low impact, if the cost to mitigate risk is higher than cost to bear the risk.

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?

Substantive change from a water risk is defined as a change that would affect our long-term ability to provide for the needs of our employees and/or production. This level of change may require us to significantly modify our operations and could include significant restrictions on our production volumes, inability to meet the human needs of our employees, or a necessity to move our operations. All our water withdrawals are to meet the needs of our employees, indeed our manufacturing process do not involve water, however we still assess the water resources in the regions where we operate in order to prevent any disruptions.

If one of our plant has to shut down its activity indefinitely, due to a lack of water we will consider it as a substantive change. This event would have a high magnitude because it will impact our revenue on a short-term, but the probability is very low in a 5-10 years range.

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	66	51-75	The Water Stress Index evaluates total water use relative to total annual available flow, accounting for upstream consumptive use. It does not include access to deep subterranean aquifers of water accumulated over centuries and millennia.

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

Mexico	Bravo

Number of facilities exposed to water risk
12

% company-wide facilities this represents
1-25

Production value for the metals & mining activities associated with these facilities
<Not Applicable>

% company's annual electricity generation that could be affected by these facilities
<Not Applicable>

% company's global oil & gas production volume that could be affected by these facilities
<Not Applicable>

% company's total global revenue that could be affected
11-20

Comment
Each site is counted as one facility. The Aptiv has 131 major manufacturing sites and 11 major technical centers. 12 sites represent 8%.

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

Mexico	Bravo

Type of risk & Primary risk driver

Acute physical	Drought

Primary potential impact
Disruption to sales

Company-specific description
Aptiv has 12 manufacturing sites across the rio bravo in the North of Mexico and South of the U.S., these facilities are exposed to face droughts and water shortages. So freshwater is a scarce resource. If risk materializes, reduced water availability in extreme drought periods could lead to production reductions.

Timeframe
1-3 years

Magnitude of potential impact
Medium-low

Likelihood
Very likely

Are you able to provide a potential financial impact figure?
Yes, an estimated range

Potential financial impact figure (currency)
<Not Applicable>

Potential financial impact figure - minimum (currency)
49726

Potential financial impact figure - maximum (currency)
11554029.85

Explanation of financial impact
Potential financial impact figure - maximum - Shutdown of 12 manufacturing sites for 3 days, considering their average anual revenue ($962,835.82 USD), 3 days of shutdown operations is equial to the 1% of Aptiv revenue for North America ($ 6,451,000,000 USD) , there are 67 sites in North America.
Potential financial impact figure - minimum - Source water from external water suppliers (Independent water tankers trucks service) for 13 days considering the daily volume of consumption of 3 days.

Primary response to risk
Secure alternative water supply

Description of response
Implementation of purple water line in all facilities of North of Mexico that face water-scarcity or instllation and operation of internal WWTP

Cost of response
39000000

Explanation of cost of response
Installation of WWTP in 12 manufacturing sites

W4.2c

(W4.2c) Why does your organization not consider itself exposed to water risks in its value chain (beyond direct operations) with the potential to have a substantive financial or strategic impact?

	Primary reason	Please explain
Row 1	Risks exist, but no substantive impact anticipated	Aptiv considers that while water risks exists, the current level of water uncertainty makes it difficult to identify the long-term associated impacts. In addressing environmental risks in our supply chain, including that of water, we require ISO 14001 of our strategic suppliers as a means of supporting environmental reduction strategies in a proactive manner. While conducting our first materiality analysis, we identified that water doesn't rank among the top challenges, therefore if we engage with our suppliers we will give priority to climate change which is among our strategic sustainability challenges.

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
Efficiency

Primary water-related opportunity
Cost savings

Company-specific description & strategy to realize opportunity
Implementing water reduction strategies has reduced Aptiv's dependency on water, therefore making it an operational advantage. Additionally, Aptiv understands the relationship between water and carbon and is addressing carbon emission reduction through energy reduction opportunities as well. Where possible, Aptiv utilizes recycled water for operational and landscaping purposes. An example of this practice includes the connection to the "Purple Line" in three of our sites in Juarez, Mexico, for the purpose of utilizing treated, non-potable water for landscape purposes.

Estimated timeframe for realization
1 to 3 years

Magnitude of potential financial impact
Medium

Are you able to provide a potential financial impact figure?
Yes, a single figure estimate

Potential financial impact figure (currency)
71829

Potential financial impact figure – minimum (currency)
<Not Applicable>

Potential financial impact figure – maximum (currency)
<Not Applicable>

Explanation of financial impact
This figure represents the project savings of 1% year over year in water scarcity-areas 2022 related to water efficiency projects and our annual EHS&S targets. Projects include : Toilet water savings, wastewater solid waste Management in WWTP, chemical free water treatment, reuse of water by reduction of fresh water usage by installing ultrafiltration system in sewage treatment plant (STP), use of treated water provided by municipal WWTP in toilets, irrigation, cooling towers and evaporative airs instead of using potable water and use of water from the air conditioners for watering the plants.

Type of opportunity
Efficiency

Primary water-related opportunity
Improved water efficiency in operations

Company-specific description & strategy to realize opportunity
Aptiv's Mexico operations, which represents 17% (36 sites with a surface of 7'147'935sq.m²) of our sites, are utilizing renewable power as a means of reducing our dependency on fossil fuel, which also correlates to reduced regional water usage. As noted, 3 of our sites in the Juarez area (6 in this area) are utilizing the purple line for the purchase of non-potable water to reduce the demands on potable water availability, in addition to identifying and implementing other water reduction strategies.

Estimated timeframe for realization
Current - up to 1 year

Magnitude of potential financial impact
Medium

Are you able to provide a potential financial impact figure?
Yes, a single figure estimate

Potential financial impact figure (currency)
36791.2

Potential financial impact figure – minimum (currency)
<Not Applicable>

Potential financial impact figure – maximum (currency)
<Not Applicable>

Explanation of financial impact
The financial impact represents the annual water saving due to the implementation of the purple line in three of our sites in Juarez. It also represents an annual saving of 7358.24 cubic meters of water in 2021.

Type of opportunity
Efficiency

Primary water-related opportunity
Water recovery from sewage management

Company-specific description & strategy to realize opportunity
Aptiv utilizes recycled water for operational and landscaping purposes. An example of this practice includes the connection to the "Purple Line" in Mexico Tech Center which recycled 7081 m3 from the municipal WWTP, which represent 13% of the annual water consumption.

Estimated timeframe for realization
Current - up to 1 year

Magnitude of potential financial impact
Medium

Are you able to provide a potential financial impact figure?
Yes, a single figure estimate

Potential financial impact figure (currency)
35000

Potential financial impact figure – minimum (currency)
<Not Applicable>

Potential financial impact figure – maximum (currency)
<Not Applicable>

Explanation of financial impact
Water savings are 7000 m3 per year at 5 USD dolar per m3 of water.

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)
Guadalupe III Mfg.

Country/Area & River basin

Mexico	Bravo

Latitude
25.664902

Longitude
-100.176967

Located in area with water stress
Yes

Primary power generation source for your electricity generation at this facility
<Not Applicable>

Oil & gas sector business division
<Not Applicable>

Total water withdrawals at this facility (megaliters/year)
21.58

Comparison of total withdrawals with previous reporting year
About the same

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes
0

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
21.58

Total water discharges at this facility (megaliters/year)
17.04

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

17.04

Total water consumption at this facility (megaliters/year)
4.53

Comparison of total consumption with previous reporting year
About the same

Please explain
79% use of sanitary, 16% use for irrigation and 5% used in the operation process

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Facility reference number
Facility 2

Facility name (optional)
Juarez Plant 32 (RBE VII)

Country/Area & River basin

Mexico	Bravo

Latitude
31.66056

Longitude
-106.340903

Located in area with water stress
Yes

Primary power generation source for your electricity generation at this facility
<Not Applicable>

Oil & gas sector business division
<Not Applicable>

Total water withdrawals at this facility (megaliters/year)
25.04

Comparison of total withdrawals with previous reporting year
About the same

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes
0

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
25.04

Total water discharges at this facility (megaliters/year)
15.02

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
15.02

Total water consumption at this facility (megaliters/year)
10.01

Comparison of total consumption with previous reporting year
About the same

Please explain
Reduction of 14%. year over year in comprarssion to 2021.

Facility reference number
Facility 3

Facility name (optional)
Juarez Plant 33 (RBE IV)

Country/Area & River basin

Mexico	Bravo

Latitude
31.743232

Longitude
-106.427158

Located in area with water stress
Yes

Primary power generation source for your electricity generation at this facility
<Not Applicable>

Oil & gas sector business division
<Not Applicable>

Total water withdrawals at this facility (megaliters/year)
26.52

Comparison of total withdrawals with previous reporting year
About the same

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes
0

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
26.52

Total water discharges at this facility (megaliters/year)
15.11

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
15.11

Total water consumption at this facility (megaliters/year)
11.13

Comparison of total consumption with previous reporting year
About the same

Please explain
Reduction of 14%. year over year in comprarssion to 2021.

Facility reference number
Facility 4

Facility name (optional)
Juarez Plant 37 (RBE IX)

Country/Area & River basin

Mexico	Bravo

Latitude
31.708655

Longitude
-106.420495

Located in area with water stress
Yes

Primary power generation source for your electricity generation at this facility
<Not Applicable>

Oil & gas sector business division
<Not Applicable>

Total water withdrawals at this facility (megaliters/year)
28.18

Comparison of total withdrawals with previous reporting year
About the same

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes
0

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
28.18

Total water discharges at this facility (megaliters/year)
18.03

Comparison of total discharges with previous reporting year
Higher

Discharges to fresh surface water
0

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
18.03

Total water consumption at this facility (megaliters/year)
10.14

Comparison of total consumption with previous reporting year
About the same

Please explain
Increase of 38% year over year. Variations in production output and physical operating conditions (e.g. outside air temperature) affect water withdrawal, discharge, and consumption.

Facility reference number
Facility 5

Facility name (optional)
Juarez Plant 38 (RBE V)

Country/Area & River basin

Mexico	Bravo

Latitude
31.724941

Longitude
-106.399413

Located in area with water stress
Yes

Primary power generation source for your electricity generation at this facility
<Not Applicable>

Oil & gas sector business division
<Not Applicable>

Total water withdrawals at this facility (megaliters/year)
56.72

Comparison of total withdrawals with previous reporting year
About the same

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes
0

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
56.72

Total water discharges at this facility (megaliters/year)
44.24

Comparison of total discharges with previous reporting year
Higher

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)
11.91

Comparison of total consumption with previous reporting year
Higher

Please explain
Increase of 40% year over year. Variations in production output and physical operating conditions (e.g. outside air temperature) affect water withdrawal, discharge, and consumption.

Facility reference number
Facility 6

Facility name (optional)
Matamoros Deltronicos Mfg.

Country/Area & River basin

Mexico	Bravo

Latitude
25.884883

Longitude
-97.551482

Located in area with water stress
Yes

Primary power generation source for your electricity generation at this facility
<Not Applicable>

Oil & gas sector business division
<Not Applicable>

Total water withdrawals at this facility (megaliters/year)
61.04

Comparison of total withdrawals with previous reporting year
About the same

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes
0

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
61.04

Total water discharges at this facility (megaliters/year)
11.59

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
11.59

Total water consumption at this facility (megaliters/year)
48.83

Comparison of total consumption with previous reporting year
About the same

Please explain
Increase of 5% year over year. Variations in production output and physical operating conditions (e.g. outside air temperature) affect water withdrawal, discharge, and consumption.

Facility reference number
Facility 7

Facility name (optional)
Mexico Tech Center

Country/Area & River basin

Mexico	Bravo

Latitude
31.749692

Longitude
-106.43823

Located in area with water stress
Yes

Primary power generation source for your electricity generation at this facility
<Not Applicable>

Oil & gas sector business division
<Not Applicable>

Total water withdrawals at this facility (megaliters/year)
49.9

Comparison of total withdrawals with previous reporting year
About the same

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes
0

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
49.9

Total water discharges at this facility (megaliters/year)
28.96

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
28.96

Total water consumption at this facility (megaliters/year)
20.45

Comparison of total consumption with previous reporting year
About the same

Please explain
Increase of 6% year over year. Variations in production output and physical operating conditions (e.g. outside air temperature) affect water withdrawal, discharge, and consumption.

Facility reference number
Facility 8

Facility name (optional)
Reynosa Manufacturing

Country/Area & River basin

Mexico	Bravo

Latitude
26.046257

Longitude
-98.358216

Located in area with water stress
Yes

Primary power generation source for your electricity generation at this facility
<Not Applicable>

Oil & gas sector business division
<Not Applicable>

Total water withdrawals at this facility (megaliters/year)
15.38

Comparison of total withdrawals with previous reporting year
Lower

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes
0

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
15.38

Total water discharges at this facility (megaliters/year)

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
6.6

Total water consumption at this facility (megaliters/year)
1.5

Comparison of total consumption with previous reporting year
Lower

Please explain
Reduction of 13% year over year. Maintenance of recycled water system enhanced efficiency.

Facility reference number
Facility 9

Facility name (optional)
Centro Tecnico Herramental, S. de R.L de C.V. (1) - Saltillo 98

Country/Area & River basin

Mexico	Bravo

Latitude
25.496829

Longitude
-100.984537

Located in area with water stress
Yes

Primary power generation source for your electricity generation at this facility
<Not Applicable>

Oil & gas sector business division
<Not Applicable>

Total water withdrawals at this facility (megaliters/year)
9.24

Comparison of total withdrawals with previous reporting year
About the same

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes
0

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
9.24

Total water discharges at this facility (megaliters/year)
2.7

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
2.7

Total water consumption at this facility (megaliters/year)
2.58

Comparison of total consumption with previous reporting year
About the same

Please explain
Increase of 35% year over year. Variations in production output and physical operating conditions (e.g. outside air temperature) affect water withdrawal, discharge, and consumption.

Facility reference number
Facility 10

Facility name (optional)
Centro Tecnico Herramental, S. de R.L. de C.V. (2) - Saltillo CS Plant 97

Country/Area & River basin

Mexico	Bravo

Latitude
25.474394

Longitude
-100.985068

Located in area with water stress
Yes

Primary power generation source for your electricity generation at this facility
<Not Applicable>

Oil & gas sector business division
<Not Applicable>

Total water withdrawals at this facility (megaliters/year)
9.92

Comparison of total withdrawals with previous reporting year
About the same

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes
0

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
9.92

Total water discharges at this facility (megaliters/year)
6.94

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
6.94

Total water consumption at this facility (megaliters/year)
2.97

Comparison of total consumption with previous reporting year
About the same

Please explain
Decrease of 6% year over year.

Facility reference number
Facility 10

Facility name (optional)
Centro Tecnico Herramental, S. de R.L. de C.V. (3)

Country/Area & River basin

Mexico	Bravo

Latitude
25.578505

Longitude
-100.907054

Located in area with water stress
Yes

Primary power generation source for your electricity generation at this facility
<Not Applicable>

Oil & gas sector business division
<Not Applicable>

Total water withdrawals at this facility (megaliters/year)
4.11

Comparison of total withdrawals with previous reporting year
About the same

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes
0

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
4.11

Total water discharges at this facility (megaliters/year)
3.82

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
3.82

Total water consumption at this facility (megaliters/year)
0.28

Comparison of total consumption with previous reporting year
About the same

Please explain
Decrease of 15% year over year.

Facility reference number
Facility 11

Facility name (optional)
Juarez Plant 39 (RBE I) CS

Country/Area & River basin

Mexico	Bravo

Latitude
31.713114

Longitude
-106.396699

Located in area with water stress
Yes

Primary power generation source for your electricity generation at this facility
<Not Applicable>

Oil & gas sector business division
<Not Applicable>

Total water withdrawals at this facility (megaliters/year)
33.02

Comparison of total withdrawals with previous reporting year
About the same

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes
0

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
33.02

Total water discharges at this facility (megaliters/year)
19.81

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
19.81

Total water consumption at this facility (megaliters/year)
13.2

Comparison of total consumption with previous reporting year
About the same

Please explain
Increase of 3% year over year.

Facility reference number
Facility 12

Facility name (optional)
Victoria 2

Country/Area & River basin

Mexico	Bravo

Latitude
23.725515

Longitude
-99.083284

Located in area with water stress
Yes

Primary power generation source for your electricity generation at this facility
<Not Applicable>

Oil & gas sector business division
<Not Applicable>

Total water withdrawals at this facility (megaliters/year)
21.81

Comparison of total withdrawals with previous reporting year
About the same

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes
0

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
21.81

Total water discharges at this facility (megaliters/year)
20.06

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
20.06

Total water consumption at this facility (megaliters/year)
1.74

Comparison of total consumption with previous reporting year
About the same

Please explain
Decrease of 6% year over 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
Water withdrawals are validated during our annual ISO 14001 audits and internal audits.

Please explain
<Not Applicable>

Water withdrawals – volume by source

% verified
76-100

Verification standard used
Water withdrawals volumes by source are validated during our annual ISO 14001 audits and internal audits.

Please explain
<Not Applicable>

Water withdrawals – quality by standard water quality parameters

% verified
76-100

Verification standard used
Water withdrawals quality are validated during our annual ISO 14001 audits and internal audits.

Please explain
<Not Applicable>

Water discharges – total volumes

% verified
76-100

Verification standard used
Water discharges are validated during our annual ISO 14001 audits and internal audits and by local water authorities.

Please explain
<Not Applicable>

Water discharges – volume by destination

% verified
76-100

Verification standard used
Water discharges destination are validated during our annual ISO 14001 audits and internal audits and by local water authorities.

Please explain
<Not Applicable>

Water discharges – volume by final treatment level

% verified
76-100

Verification standard used
Water discharges by final treatment are validated during our annual ISO 14001 audits and internal audits and by local water authorities.

Please explain
<Not Applicable>

Water discharges – quality by standard water quality parameters

% verified
76-100

Verification standard used
Water dischargesquality by standard water quality parameters are validated during our annual ISO 14001 audits and internal audits and by local water authorities.

Please explain
<Not Applicable>

Water consumption – total volume

% verified
76-100

Verification standard used
Water consumption is validated during our annual ISO 14001 audits and internal audits and by local water authorities.

Please explain
<Not Applicable>

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	Commitment to reduce water withdrawal and/or consumption volumes in direct operations Commitments beyond regulatory compliance Reference to company water-related targets Recognition of environmental linkages, for example, due to climate change	Aptiv recognizes the critical role that water plays in our ability to operate and therefore has implemented water reduction targets, as well as water tracking in order to identify opportunities to reduce our dependency on water. We also recognize that water strategies reduce operational costs as well as providing a competitive advantage. At Aptiv, our Environmental Health&Safety, Sustainability department is in charge of environmental topics including climate change and water consumption. Therefore our commitment to reduce water is embedded into our EHS policy, this policy also states that Aptiv considers access to water and sanitation as a human rights. On page 7 of this policy package, are the targets send on annual basis to the site and it includes water reduction targets. In addition, to this EHS policy our 2025 targets published in our sustainability report and including water targets (1% reduction in water scarce areas and 80% compliance with best practices management) are aligned with the SDGs.

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 Operating Officer (COO)	Aptiv's COO is in charge to review, follow-up and take actions on operational water indicators such like water savings, water intensity (m3/FTE) and water withdrawals in water scarcity areas.
Chief Executive Officer (CEO)	Sustainability at Aptiv is driven from the top by our Board and CEO and is embedded at every level of Aptiv. The Board has delegated to the Nominating and Governance Committee oversight of management's handling of Aptiv's ESG programs, including those addressing climate risk. In addition, the Nominating and Governance Committee reviews the goals the Company establishes with respect to ESG matters and its progress against those goals, as well as the Company's Sustainability Report available on our website at aptiv.com. The Nominating and Governance Committee ensures that the other Committees of the Board, as appropriate, receive updates relevant to their continuing oversight on specific ESG topics that otherwise fall within the charter of those Committees. These committees ensure the following: • Sustainability-Linked Financing • Investments Supporting Sustainability Goals • Sustainable Product and Technology Development Aptiv's CEO is in charge to oversee sustainability and climate change mega trends and customers' requirements to address the resources and strategies necessary to accomplish our carbon neutrality target.

W6.2b

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

	Frequency that water-related issues are a scheduled agenda item	Governance mechanisms into which water-related issues are integrated	Please explain
Row 1	Scheduled - all meetings	Monitoring progress towards corporate targets Reviewing and guiding business plans Reviewing and guiding corporate responsibility strategy Reviewing and guiding major plans of action Reviewing and guiding strategy Setting performance objectives	The Committee's oversight of these programs includes reviewing and monitoring (i) existing and proposed regulatory requirements and legislation that may have a material impact on the Company's business and operations: and (ii) any material litigation, regulatory or other compliance issues related to EH&S and Sustainability. These meetings are conducted monthly and all important topics are addressed and discussed including climate change and water. On a quarterly basis, EH&S and Sustainability activities updates (e.g performance against environmental targets such as reduction in water consumption through water savings projects) are presented to the committee which includes Aptiv's environmental metrics, water consumption, greenhouse gas emissions and energy consumption status, in addition to energy and carbon reduction related activities

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, and we do not plan to address this within the next two years	<Not Applicable>	Other, please specify (Due to nature of our activities, water consumption is not significant for Aptiv's operations.)	Due to nature of our activities, water consumption is not significant for Aptiv's operations. Nonetheless, we expect our sites located in water-scarce regions to reduce their consumption by 1% and for the sites not located in these areas to implement and align with water management best practices.

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 Operating Officer (COO)

Water-related responsibilities of this position
Monitoring progress against water-related corporate targets

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

Please explain
Each Aptiv's site is in charge of implementing the appropriate risk assessment for environmental matters including water assessment and the achievement of the targets, this is part of the ISO140001 framework. The company is divided in segment and each segment has a global Environmental Health&Safety (EHS) manager who reports to the EHS Global Director who reports to the Chief Operating Officer. Aptiv's COO is charge of setting the environmental targets and he reports the company progress on its environmental targets to the board.

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	

W6.4a

(W6.4a) What incentives are provided to C-suite employees or board members for the management of water-related issues (do not include the names of individuals)?

	Role(s) entitled to incentive	Performance indicator	Contribution of incentives to the achievement of your organization's water commitments	Please explain
Monetary reward	Chief Executive Officer (CEO) Chief Financial Officer (CFO) Chief Operating Officer (COO)	Improvements in water efficiency – direct operations	The CEO, CFO and COO annual incentive compensation is contingent upon achieving certain sustainability targets (in addition to consideration for achieving other company performance targets), including water performance.	Strategic Results Modifier reflects Aptiv's sustainability commitments related to people, product, planet and platform. Strategic Results Modifier. Following the determination of the preliminary payout levels above, the Compensation Committee, inconjunction with the CEO, assessed the other NEOs' performance with respect to SRM and individual qualitative performance. As part of our focus on strategic priorities, the SRM is approved by the Compensation Committee at the beginning of each year as part of the Annual Incentive Plan design. The SRM can range, in the aggregate, from plus or minus 10% of the total Annual Incentive Plan target opportunity.
Non-monetary reward	No one is entitled to these incentives	<Not Applicable>	<Not Applicable>	

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, direct engagement with policy makers
Yes, trade associations
Yes, other

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?

Aptiv 's Product Business Units and Government Relations team ensures that engagement across all organisation is consistent and does not contradict Aptiv's position on climate change and other sustainability topics.

Working through various trade associations and industry groups including AIAG (Automotive Industry Action Group), CLEPA (Comité de Liaison de la Construction d' Equipements et de Pièces d'Automobiles (European Association of Automotive Suppliers), Consumer Electronics Association, Consumer Electronics for Automobiles, SAE (Society of Automotive Engineers), ISO (International Organization for Standardization) and USCAR (United States Council for Automotive Research), RBA (Responsible business alliance formerly EICC).

Aptiv is able to effectively advocate its position on sustainability issues including water. Internally, through the establishment and tracking of water and reduction targets, we continue to ensure that our activities remain consistent with our water strategy.

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	No, water-related issues were reviewed but not considered as strategically relevant/significant	5-10	Water is neither included is the business objectives nor the strategy. Water is not critical for our operations, since it mainly consists of assembling which doesn't require the usage of water. In addition, water didn't rank high in the materiality analysis which we conducted. However, as part of Aptiv's EHS&S strategy we have established short-term and long term water reduction targets, and we collect water data on a quarterly basis to track our progress.
Strategy for achieving long-term objectives	No, water-related issues were reviewed but not considered as strategically relevant/significant	5-10	Water is neither included is the business objectives nor the strategy. Water is not critical for our operations, since it mainly consists of assembling which doesn't require the usage of water. In addition, water didn't rank high in the materiality analysis which we conducted. However, as part of Aptiv's EHS&S strategy we have established short-term and long term water reduction targets, and we collect water data on a quarterly basis to track our progress.
Financial planning	Yes, water-related issues are integrated	5-10	Water is considered in the financial planning mainly because of water issues related primarily to weather which have affected the level of insurance and insurance claims. Some water reduction strategies have required capital expenditures in order to be implemented

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)

35

Water-related OPEX (+/- % change)

35

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

0

Please explain

Water targets YoY change from 2021 (%2) to (1%) in 2022 with a caculated OPEX of $71,829.00 USD in water savings.

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	The TCFD recommendations are the first climate related recommendations accepted by all sectors and companies. Before the TCFD, climate change scenarios varied according to every referential area. It is for this reason we didn't initially create scenarios, until a common referential had been created that we were sure incorporated Aptiv's current and future activities as well as satisfied the requirements of our supplier and customer chain. Indeed, we didn't want stakeholders to be misled by a climate change scenario, which wasn't accepted by every stakeholders. Aptiv plans to perform its climate related scenarios in FY2021/22 and will disclose the associated results in the following CDP climate change disclosure year, this ambitions also aligns with Aptiv recent commitment to the Science-Based Target Initiative. These scenarios will be performed with the support of an external partner who will bring its expertise.

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

Water is not considered critical for our operations, our water consumption is directly tied to employees' needs and kitchens. However, climate change is critical and Aptiv is committed to become a carbon neutral company by 2040, and to manufacture carbon neutral products by 2039.

W7.5

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

	Products and/or services classified as low water impact	Definition used to classify low water impact	Primary reason for not classifying any of your current products and/or services as low water impact	Please explain
Row 1	No, and we do not plan to address this within the next two years	<Not Applicable>	Important but not an immediate business priority	Due to nature of our activities, water consumption is not significant for Aptiv's operations.

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	Yes	<Not Applicable>
Water withdrawals	No, and we do not plan to within the next two years	Variations in production output and physical operating conditions (e.g. outside air temperature) affect water withdrawal.
Water, Sanitation, and Hygiene (WASH) services	No, and we do not plan to within the next two years	All wastewater discharges, direct and indirect, (sanitary, process, and storm-water) must comply with all local, state or national regulations and/or permit requirements and must be connected to municipal sewage treatment plant if available. In case of the absence of municipal WWTP the site must segregated wastewater unless commingling is compatible with local regulations and downstream treatment. Processes that generate sanitary or wastewater processes must be shut down if wastewaters cannot be effectively treated or contained, unless by-pass authorized by regulatory authority.
Other	Yes	<Not Applicable>

W8.1b

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

Target reference number
Target 1

Category of target
Product water intensity

Target coverage
Company-wide (direct operations only)

Quantitative metric
Other, please specify (Reduction per employee)

Year target was set
2022

Base year
2021

Base year figure
13.98

Target year
2022

Target year figure
13.84

Reporting year figure
12.67

% of target achieved relative to base year
935.714285714282

Target status in reporting year
Achieved

Please explain
In 2022 the consumption of water was 13.98 cubic meters per employee. Our 2022 target is to reach 13.84 cubic meter per employee (1% of reduction). Our 2022 water consumption was 12.67 cubic meters per employee, therefore, we have reached 10% of achievement of our 2022 target.

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 do not currently verify any other water information reported in our CDP disclosure

W10. Plastics

W10.1

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

	Plastics mapping	Value chain stage	Please explain
Row 1	Not mapped – but we plan to within the next two years	<Not Applicable>	As part of our carbon neutrality commitment we are in the process to map our plastic supply-chain.

W10.2

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

	Impact assessment	Value chain stage	Please explain
Row 1	Yes	Direct operations Supply chain	Aptiv products are in compliance with global regulations and customer requirements that impact Aptiv final products. Aptiv comply with the following international regulatons : -Material Data Reporting (FMD, BOM Check, IMDS) -EU Legislations (ELV, REACH, RoHS) -US EPA -California Prop 65 -Original Equipment Manufacturers Requirements -China REACH -Japan REACH -Aptiv 10949001 Specifications. -C2P

W10.3

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

	Risk exposure	Value chain stage	Type of risk	Please explain
Row 1	No, risks assessed, and none considered as substantive	<Not Applicable>	<Not Applicable>	Plastics is one of our more important raw materials in our products. As part of our carbon neutrality commitment we are in the process to map our plastic supply-chain and perform testing to replace plastic with bio-plastics.

W10.4

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

	Targets in place	Target type	Target metric	Please explain
Row 1	No – and we do not plan to within the next two years	<Not Applicable>	<Not Applicable>	As part of our carbon neutrality commitment we are in the process to map our plastic supply-chain.

W10.5

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

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

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

% virgin fossil-based content

% virgin fossil-based content

100

% virgin renewable content

<Not Applicable>

% post-industrial recycled content

<Not Applicable>

% post-consumer recycled content

<Not Applicable>

Please explain

Plastics are mainly use in our connection system products.

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	Executive Director, Sustainability and EHS	Environment/Sustainability manager

SW. Supply chain module

SW0.1

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

	Annual revenue
Row 1	17489000000

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	

SW1.2a

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

Identifier	Latitude	Longitude	Comment
Grosspetersdorf Mfg., Austria	47.241614	16.329224	
Mattighofen - MFG, Austria	48.095581	13.15778	
Jambeiro Mfg., Brazil	-23.323036	-45.735784	
Paraisopolis - MFG, Brazil	-22.553834	-45.770162	
Conceicao dos Ouros - MFG, Brazil	-22.408375	-45.788848	
Espirito Santo do Pinhal 2 - MFG, Brazil	-22.223338	-46.79056	
Baicheng Government Mfg., China	45.586804	122.827038	
Anting Yuanguo Mfg. (CS), China	31.335091	121.199495	
Suzhou Manufacturing - Eng Center, China	31.315295	120.78798	
Yantai Mfg., China	37.5205	121.22057	
China Tech Center, China	31.323974	121.605949	
Changchun Mfg.. China	43.846792	125.418086	
Anting Tai Bo A5 and A, China	31.31491	121.249041	
Yijiang Manufacturing, China	31.261008	118.355915	
Wuhan MFG, China	30.461326	114.072071	
Chengdu, China	30.537129	4.19484	
Chongqing - MFG, China	29.748823	106.478612	
Nantong - MFG (CS), China	32.057102	32.057102	

Identifier	Latitude	Longitude	Comment
Tianjin - MFG, China	39.445904	117.025132	
Jiaxing - MFG, China	30.751877	120.64834	
Jiang Hai MFG, China	22.553847	113.158073	
Jingzhou MFG, China	30.335998	112.23871	
Yancheng - MFG 1 (KUM), China	33.364174	120.254796	
Bakov nad Jizerou CSC, Czech Republic	50.486347	14.943123	
Epernon - MFG, France	48.599642	1.687068	
Osberghausen Mfg., Germany	50.985545	7.482011	
Wiehl-Bomig Tech Center, Germany	50.969427	7.545483	
Neumarkt SUD Mfg., Germany	49.261671	11.447239	
Wuppertal Tech Ctr., Germany	51.235764	7.158773	
Wiehl-Marienhagen Tech Center, Germany	50.976494	7.572327	
Nuremberg, Germany	49.488061	11.103616	
San Pedro Sula - MFG CS, Honduras	15.349196	-88.182287	
Szombathely 1 MFG, Hungary	47.246028	16.651669	
Szombathely 2 MFG, Hungary	47.240681	16.643858	
Tatabanya - MFG, Hungary	47.584906	18.360014	
Dharuhera Mfg, India	28.217774	76.784027	
Tech Center India, India	12.97203	77.718465	
Chennai ES - MFG, India	12.84782	79.928406	
Pune - New MFG EDS, India	18.758023	73.787191	
Cochin - MFG 2, India	9.894444	76.430707	
Chennai EDS MFG, India	12.894599	79.928785	
Dublin Office, Ireland	53.344518	-6.235735	
Torino - MFG, Italy	45.13274	7.670195	
ES Macedonia, Macedonia	41.985659	21.622873	
Kuala Terengganu Mfg., Malaysia	5.270401	103.16416	
Matamoros Deltronicos Mfg., Mexico	25.884883	-97.551482	
Tijuana (PIC 11), Mexico	32.475012	-116.9889	
Juarez Plant 38 (RBE V), Mexico	31.724941	-106.399413	
Meoqui Plant 58, Mexico	28.277385	-105.485128	
Saltillo Plant 98, Mexico	25.496829	-100.984537	
Linares Plant 86, Mexico	24.864475	-99.558307	
Los Mochis Plant 59, Mexico	25.77432	-108.986624	
Nuevo Laredo 1 Plant 81, Mexico	27.481383	-99.546746	
Fresnillo 2 and 3, Mexico	23.197	-102.860516	
Guadalupe, Zacatecas - Plant 61, Mexico	22.753551	-102.505489	
Parral I Plant 50, Mexico	26.925648	-105.696422	
Mexico Tech Center, Mexico	31.749692	-106.43823	
Guadalupe III Mfg., Mexico	25.664902	-100.176967	
Juarez Plant 32 (RBE VII, II Offices), Mexico	31.66056	-106.340903	
Juarez Plant 37 (RBE IX), Mexico	31.708655	-106.420495	
Juarez Plant 33 (RBE IV, RBE XIII), Mexico	31.743232	-106.427158	
Juarez Plant 39 (RBE I) CS, Mexico	31.713114	-106.396699	
Fresnillo 1 Plant 62, Mexico	23.171251	-102.882602	
Reynosa Manufacturing, Mexico	26.046257	-98.358216	
Saltillo CS Plant 97, Mexico	25.474394	-100.985068	
Centec III - CS Mfg - Saltillo, Mexico	25.578505	-100.907054	
Durango 1 - MFG, Mexico	24.043804	-104.608609	
Victoria 2 - MFG, Mexico	23.725515	-99.083284	
Zacatecas 2 - Mfg, Mexico	22.764968	-102.48526	
Durango 2 - MFG, Mexico	23.98484	-104.689979	
Durango 1 Satellite, Vicente Guerrero - MFG, Mexico	23.73922	-103.993749	
Los Mochis Satellite - MFG, Mexico	25.468258	-108.10717	
Nuevo Laredo 2 - MFG, Mexico	27.44579	-99.499911	
Morocco 1, Morocco	35.736202	-5.863051	
Morocco 2, Morocco	35.718683	-5.929066	
Morocco 3, Morocco	34.303977	-6.390195	
Morocco 4 MFG, Morocco	33.828842	-5.460782	
Tangiers Lasry Mfg , Morroco	35.720672	-5.906986	
Viza Building (M1 Satellite)- MFG Tangier, Morocco	35.718683	-5.929066	
Jelesnia Mfg., Polonia	49.653409	19.3273	
Tech Center Krakow	49.998073	19.851441	
Gdansk - MFG, Polonia	54.367693	18.48387	
Castelo Branco Mfg, Portugal	39.811288	-7.518948	
Lisbon Office, Portugal	38.76801	-9.181187	
Braga - MFG, Portugal	41.534944	-8.436367	
Castelo Branco Municipal Bldg	39.810975	-7.519983	
Sannicolau Mare Mfg., Romania	46.057389	20.644445	
Ineu Mfg., Romania	46.414665	21.823577	

Identifier	Latitude	Longitude	Comment
Serbia 2 - MFG	43.0258	21.942061	
Serbia MFG (Neobus)	45.283298	19.800354	
Serbia Satellite (Novi Sad) - EDS MFG	45.285592	19.806975	
Singapore Manufacturing - Eng Center.	1.356904	103.855883	
Namyang - MFG (CS), South Korea	37.155725	126.846166	
Sangbuk - MFG (KUM), South Korea	35.602455	129.076306	
Duseo 1 - MFG (KUM)	35.668936	129.172721	
Choongiu - MFG (KUM)	36.99195	127.925922	
Youngcheon - MFG (KUM)	35.973118	128.938918	
Pamplona Mfg.	42.80882	-1.683098	
Gothenburg Tech Center - Molndalsvagen	57.687766	11.996761	
Tunisia MFG	36.631518	9.619035	
Bursa - MFG	40.174019	28.775262	
Bursa Satellite - MFG	40.238845	28.93108	
Coventry - Office	52.404891	-1.465966	
Troy Offices	42.602222	-83.161954	
Brookhaven Plant 23 & 26 - MFG CS	31.600172	-90.4283	
Warren NRR - MFG	41.267822	-80.797781	
Warren CSE Tech Ctr	41.281807	-80.827262	
Vienna Plant 47 - MFG	41.257545	-80.697775	
Indiana Westfield Lab - ASUX Eng	40.03944	-86.152362	
Agoura Hills CA -ASUX Eng	34.14694	-118.754417	
Antaya - MFG (CS)	31.355185	121.364736	
Frontera MFG EDS	26.9505	-101.461002	
Nuevo Laredo 3 - Mfg & Eng Ctr	27.444938	-99.501509	
Arad - Eng, Romania	46.216726	21.285255	
Morocco 5 MFG EDS, Morocco,	34.773876	-1.929234	
Tangier MFG EDS (M7), Morocco	35.720672	-5.906986	
Gothenburg Tech Center - Molndalsvagen, Sweden	57.687766	11.996761	
Yokohama - Office, Japan	35.467297	139.626545	

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

Global Manufacturing Operations

Water intensity value

12.67

Numerator: Water aspect

Water withdrawn

Denominator

FTE (Worked Hours / 2000)

Comment

N/A

Submit your response

In which language are you submitting your response?

English

Please confirm how your response should be handled by CDP

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

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

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

Please confirm below

I have read and accept the applicable Terms