AptarGroup - Water Security 2020

W0. Introduction

W0.1

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

AptarGroup is a leading global provider of a broad range of innovative packaging, dispensing and sealing solutions, primarily for the beauty, personal care, home care, prescription drug, consumer health care, injectable, and food and beverage markets. Our creative packaging solutions enhance the convenience, safety and security of consumers around the globe and allow our customers to differentiate their products in the market.

Our business was started in the late 1940's, manufacturing and selling aerosol valves in the United States, and has grow n primarily through the acquisition of relatively small companies and internal expansion. We were incorporated in Delaw are in 1992. In this report, w e may refer to AptarGroup, Inc. and its subsidiaries as "AptarGroup", "Aptar" or the "Company".

We have manufacturing facilities located throughout the w orld including North America, Europe, Asia and South America. We have approximately 5,000 customers with no single customer or group of affiliated customers accounting for greater than 6% of our 2016 net sales.

Consumers' preference for convenience and product differentiation through packaging design are important to our customers and they have conv erted many of their packages from non-dispensing formats to dispensing systems that offer enhanced shelf appeal, convenience, cleanliness and accuracy of dosage.

While we offer a wide variety of dispensing and sealing solutions, our primary products are dispensing pumps, closures, aerosol valves and elastomeric primary packaging components.

Dispensing pumps are finger- actuated dispensing systems that dispense a spray or lotion from non- pressurized containers. The style of pump used depends largely on the nature of the product being dispensed, from small, fine mist pumps used w ith perfume and pharmaceutical produc ts to lotion pumps for more viscous formulas.

Closures are primarily dispensing closures but to a lesser degree can include non -dispensing closures. Dispensing closures are plastic caps which allow a product to be dispensed without removing the cap.

Aerosol valves dispense product from pressurized containers.

The majority of the aerosol valves that we sell are continuous spray valves, with the balance being metered dose valves.

We also manufacture and sell elastomeric primary packaging components. These components are used in the injectables market. Products include stoppers for infusion, antibiotic, lyophilization and diagnostic vials. Our elastomeric components also include pre- filled syringe components, such as plungers, needle shields, tip caps and cartridges, as w ell as dropper bulbs and syringe plungers.

On February 29, 2016, the Company completed its acquisition of MegaPlast GmbH and its subsidiaries along with Megaplast Franc e S.a.r.l. and Mega Pumps L.P. ("Mega Airless"). Mega Airless is a leading provider of innovative all-plastic airless dispensing systems for the beauty, personal care and pharmaceutical markets.

Along year 2018/2019 Aptar completed the acquisition of CSP Technologies and its subsidiaries. CSP Technologies is a leader in active packaging technology based on proprietary material science expertise.

CSP holds strong positions in attractive markets, including Pharma and Food Service, with potential opportunities across most of our markets and high growth economies.

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 2019	December 31 2019

W0.3

(W0.3) Select the countries/areas for which you will be supplying data.

Argentina
Brazil
China
Colombia
Czechia
France
Germany
India
Indonesia
Italy
Russian Federation
Switzerland
Thailand
United Kingdom of Great Britain and Northern Ireland
United States of America

W0.4

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

USD

W0.5

(W0.5) Select the option that best describes the reporting boundary for companies, entities, or groups for which water impacts on your business are being reported.

Companies, entities or groups over which operational control is exercised

W0.6

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

No

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	Direct: While our operations are not water intensive compared to other industries, it is important our employees have access to sufficient amounts of quality drinking water. We have certain operations which require the use of freshwater, however these operations are not our primary business. While we do use water in the molding processes, it is possible for us to use recycled water through closed loops systems. In this situation, the water does not actually touch the product so it is not as important that the water be "quality freshwater". Indirect: Water is used during the extraction of oil and also in the production of resin (particularly for cooling). Water is used in the molding of plastic products and in the production of aluminum parts coming from our suppliers.
Sufficient amounts of recycled, brackish and/or produced water available for use	Neutral	Neutral	Direct: Water is used to cool our molds, and can be recycled into a closed loop system. By utilizing closed loop cooling systems we are reducing our draw from other sources. Recycled water is vital, otherwise we would need to pull from fresh/potable sources on an ongoing basis. Indirect: We believe there are opportunities for our suppliers to reduce their fresh water consumption by implementing closed loop systems in some of the processes we have mentioned above.

W1.2

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

	% of sites/facilities/operations	Please explain
Water withdrawals – total volumes	100%	Aptar monitors total volumes of water withdrawals from operations, sales offices, warehouses and corporate offices. The frequency of water data collection is quarterly based on water invoices from water supplier. Each user upload data in internal software that calculate KPIs for water consumed. The method of water data collection is based on primary data check from the water meter in our operations
Water withdrawals – volumes by source	100%	Aptar monitors volumes by source in all operations, sales offices, warehouses and corporate offices. The frequency of water data collection is quarterly based on water invoices from water supplier. Each user upload data in internal software that calculate KPIs for water consumed. The method of water data collection is based on primary data check from the water meter in our operations.
Entrained water associated with your metals & mining sector activities - total volumes [only metals and mining sector]	<Not Applicable>	<Not Applicable>
Produced water associated with your oil & gas sector activities - total volumes [only oil and gas sector]	<Not Applicable>	<Not Applicable>
Water withdrawals quality	Not relevant	For the use of water in our core processes (cooling molds) the quality of water (physical, chemical, biological and organoleptic) is not relevant or it can't generate problem to the quality of our finished product. The water is not directly in contact with Aptar's products and it is not an ingredient for our processes (exception for anodizing process carried-out at only 3 Aptar plants).
Water discharges – total volumes	100%	Aptar monitors total volumes of water discharged in all operations, sales offices, warehouses and corporate offices. The frequency of water data collection is quarterly based on water invoices from water supplier. Each user upload data in internal software that calculate KPIs for water consumed. The method of water data collection is based on primary data check from the water meter in our operations.
Water discharges – volumes by destination	100%	Aptar monitors total volumes of water discharged by destination in all operations, sales offices, warehouses and corporate offices. The frequency of water data collection is quarterly based on water invoices from water supplier. Each user upload data in internal software that calculate KPIs for water consumed. The method of water data collection is based on primary data check from the water meter in our operations.
Water discharges – volumes by treatment method	76-99	80% of our plants are aware about the water discharged volume by treatment method. The frequency of data collection is at least yearly (in compliance with local regulation). The method of sample is in compliance with ISO standard in order to analyze thresholds for PH, BOD or TSS as defined in the local permissions and licenses.
Water discharge quality – by standard effluent parameters	76-99	80% of our plants are aware about the water discharged volume by treatment method. The frequency of data collection is at least yearly (in compliance with local regulation). The method of sample is in compliance with ISO standard in order to analyze thresholds for PH, BOD or TSS as defined in the local permissions and licenses.
Water discharge quality – temperature	Not monitored	At the moment we do not track at global level the water discharged quality temperature. Aptar sites are compliance with the different environmental laws (permissions and license) in order to ensure that the treatment of water is completed before the release to the environment in order to respect the temperature limit as indicated in the local laws.
Water consumption – total volume	100%	Aptar monitors total volumes of water consumed in all operations, sales offices, warehouses and corporate offices. The frequency of water data collection is quarterly based on water invoices from water supplier. Each user upload data in internal software that calculate KPIs for water consumed. The method of water data collection is based on primary data check from the water meter in our operations.
Water recycled/reused	1-25	The recycle of water is completed only in the anodizing process where the wastewater in output is treated in the appropriate depurator system before to recycle it into internal processes. Total volume of water recycled is 2%
The provision of fully-functioning, safely managed WASH services to all workers	100%	Aptar implemented a global EHS&S policy and management system. In all Aptar plants the employees has the access to clean toilet facilities and drinking water.

W1.2b

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

	Volume (megaliters/year)	Comparison with previous reporting year	Please explain
Total withdrawals	7351	Higher	In reporting year 2019 we improved the mapping of sites that are using water. We added corporate offices, warehouses, sales offices and especially we included more operations that were acquired at the beginning of 2019. In addition we can estimate that future volumes of water withdrawals could increase due to the fact that in next years our group can have additional acquisitions and mergers in new markets.
Total discharges	7231	Higher	In reporting year 2019 we improved the mapping of sites that are using water. We added corporate offices, warehouses, sales offices and especially we included more operations that were acquired at the beginning of 2019. In addition we can estimate that future volumes of water discharged could increase due to the fact that in next years our group can have additional acquisitions and mergers in new markets.
Total consumption	120	Higher	In reporting year 2019 we improved the mapping of sites. We added corporate offices, warehouses, sales offices and especially we included more operations that were acquired at the beginning of 2019. In addition we can estimate that future volumes of water consumed could increase due to the fact that in next years our group can have additional acquisitions and mergers in new markets.

W1.2d

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

	Withdrawals are from areas with water stress	% withdrawn from areas with water stress	Comparison with previous reporting year	Identification tool	Please explain
Row 1	Yes	1-10	This is our first year of measurement	WRI Aqueduct	Aptar in reporting year 2019 used new tool WRI Aqueduct (updating 2019) in order to map baseline water stress. In the tool we identified for each site the right location (address) and the tool provide us overall water risk. Overall water risk measures all water-related risks, by aggregating all selected indicators from the Physical Quantity, Quality and Regulatory & Reputational Risk categories. Higher values indicate higher water risk. For each site the tool calculate baseline water stress. It measures the ratio of total water withdrawals to available renewable water supplies. Water withdrawals include domestic, industrial, irrigation and livestock consumptive and non-consumptive uses. Available renewable water supplies include surface and groundwater supplies and considers the impact of upstream consumptive water users and large dams on downstream water availability. Higher values indicate more competition among users.

W1.2h

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

	Relevance	Volume (megaliters/year)	Comparison with previous reporting year	Please explain
Fresh surface water, including rainwater, water from wetlands, rivers, and lakes	Relevant	5442	This is our first year of measurement	The fresh surface water source is relevant because in one of our Food and Beverage operation the cooling system for injection molding is strictly based on this water source. In this reporting year we are tracking for the first time the volume of different sources, so, we do not have comparability with previous reporting year.
Brackish surface water/Seawater	Not relevant	<Not Applicable>	<Not Applicable>	The brackish surface water / seawater is not relevant for our operations because our sites are not located near sea cost and even if we'll have sites near seawater the salt concentration is too high and could generate problem for the quality of products.
Groundwater – renewable	Relevant	2.5	This is our first year of measurement	The groundwater renewable source is relevant because in one of our Beauty and Home operation the cooling system for injection molding is strictly based on this water source. In this reporting year we are tracking for the first time the volume of different sources, so, we do not have comparability with previous reporting year.
Groundwater – non-renewable	Relevant	20.9	This is our first year of measurement	The groundwater non-renewable source is relevant because in one of our Beauty and Home operation the cooling system for injection molding is strictly based on this water source. In this reporting year we are tracking for the first time the volume of different sources, so, we do not have comparability with previous reporting year.
Produced/Entrained water	Not relevant	<Not Applicable>	<Not Applicable>	The produced water is not relevant for our operations because our sites does not have processes on which we can obtain water as result of the extraction, processing, or use of any raw material.
Third party sources	Relevant	1885	This is our first year of measurement	The third party sources consumption is relevant because in the major part of our operations we have water withdrawn from this source. It is used not only for the processes but also for the employees. In this reporting year we are tracking for the first time the volume of different sources, so, we do not have comparability with previous reporting year. Third party sources are based on municipal supplier and only 36% of sites are located in water stress area as per results of analysis with WRI Aqueduct tool

W1.2i

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

	Relevance	Volume (megaliters/year)	Comparison with previous reporting year	Please explain
Fresh surface water	Relevant	5450	This is our first year of measurement	The fresh surface water discharged is relevant because our plant monitors concentration dissolved to be in compliance with local regulations. Future trends for this type of water discharged are expected be the same considering market demands for molded components. In this reporting year we are tracking for the first time the volume of different sources, so, we do not have comparability with previous reporting year. Volumes or water from this source is based on estimation and calculation model.
Brackish surface water/seawater	Not relevant	<Not Applicable>	<Not Applicable>	The brackish surface water / seawater is not relevant for our operations because our sites are not located near sea cost. Future trends are not expected to change.
Groundwater	Relevant	16.2	This is our first year of measurement	The groundwater discharged is relevant because our plant monitors concentration dissolved to be in compliance with local regulations. Future trends for this type of water discharged are expected be the same considering market demands for molded components. In this reporting year we are tracking for the first time the volume of different sources, so, we do not have comparability with previous reporting year. Volumes or water from this source is based on estimation and calculation model.
Third-party destinations	Relevant	1763	This is our first year of measurement	The third party discharged is relevant because our plant monitors concentration dissolved to be in compliance with local regulations. Future trends for this type of water discharged are expected be the same considering market demands for molded components. In this reporting year we are tracking for the first time the volume of different sources, so, we do not have comparability with previous reporting year. This type or water source is not considering other organizations for further use. Volumes or water from this source is based on estimation and calculation model.

W1.4

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

No, not currently but we intend to within two years

W1.4d

(W1.4d) Why do you not engage with any stages of your value chain on water-related issues and what are your plans?

	Primary reason	Please explain
Row 1	We are planning to do so within the next two years	Aptar in 2019 defined sustainability strategy and water management is part of it. We are planning to engage our raw materials partners (such as plastics and metals) in order to find solutions to reduced upstream water consumption. During year 2020 we joined circular water programs and focused workstream for water management in WBCSD, so, the plan is to involve value chain in next year to optimize water aspects. The method of engagement is based on the participation of working group committee, co.projects and meeting with partners along our value chain.

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?

No

W3. Procedures

W3.3

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

Yes, water-related risks are assessed

W3.3a

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

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?
3 to 6 years

Type of tools and methods used
Tools on the market

Tools and methods used
WRI Aqueduct

Comment
Although our operations are not water intensive as compared to other industries, we do think it is important to understand our water stress risk per location.

Supply chain

Coverage
None

Risk assessment procedure
<Not Applicable>

Frequency of assessment
<Not Applicable>

How far into the future are risks considered?
<Not Applicable>

Type of tools and methods used
<Not Applicable>

Tools and methods used
<Not Applicable>

Comment
We are planning in the next 2 years to involve supply chain about assessment of water related risks for our main raw materials.

Other stages of the value chain

Coverage
None

Risk assessment procedure
<Not Applicable>

Frequency of assessment
<Not Applicable>

How far into the future are risks considered?
<Not Applicable>

Type of tools and methods used
<Not Applicable>

Tools and methods used
<Not Applicable>

Comment
We are planning in the next 2 years to involve supply chain about assessment of water related risks for our main raw materials.

W3.3b

(W3.3b) Which of the following contextual issues are considered in your organization's water-related risk assessments?

	Relevance & inclusion	Please explain
Water availability at a basin/catchment level	Relevant, always included	Water availability has been included in our water-related risk assessments because we need to use water in our core processes such as injection molding and anodizing. This aspect is important because in case our operations will have issue in water withdrawn we could have problem to stop production. We completed assessment of this contextual issue with the use of Aqueduct tool. The relevance of this issue has been identified into the database tool and method. This issue is present at least in our upstream value chain considering the production of raw materials such as plastics and metals used in our processes. This is the reason why we planned to extend risk analysis to upstream value chain in the next two years. This issue is particularly important for the molding department because problem in water supply can stop the production of molded components and consequently problem for finished products assembled. In the analysis we included both current and emerging issues with scenario analysis.
Water quality at a basin/catchment level	Relevant, always included	We don't require high quality water for most of our operations. However, we monitor water quality downstream of our operation for surface waters and sample water quality in nearby aquifers. When information is missing, our in-house hydrologists collaborate with national and regional research bodies. Our main water-related risks are associated with PH, BOD and TSS presence at some of our operations. In our anodizing plant, before significant developments, or in the decommissioning phase, we establish a baseline water quality status following the recommendations of local public departments. Water quality is monitored by our local EHS. We completed assessment of this contextual issue also with the use of Aqueduct tool. The relevance of this issue has been identified into the database tool and method. We are developing further understanding to assess cumulative impacts in the river basins, currently and after potential developments in the basin that may affect the water quality of surface and groundwater.
Stakeholder conflicts concerning water resources at a basin/catchment level	Relevant, not included	In the following reporting year we have not already identified our local stakeholders that could have conflicts concerning water resources at a basin level due to lack of reliable information. Our plan is to involve in the next two years our key stakeholders to include all water users that share the water resources or who may be affected by potential pollution events.
Implications of water on your key commodities/raw materials	Relevant, not included	As previously mentioned, water is used to extract and produce the raw materials that go into our products. If our suppliers experience water shortages or quality issues, our products could be affected. We are aware of potential implications but have not performed the risk evaluation due to lack of reliable information. In the next 2 years our water-related risk assessment will consider our supplies of our main raw materials. The most significant input to be impacted by water would be plastics and metals. Using the WRI Aqueduct, we'll forecast whether a decrease in the availability of water locally will affect the capacity to produce our raw materials.
Water-related regulatory frameworks	Relevant, not included	In the following reporting year water related regulatory frameworks has not been included in our analysis because we are planning to map the existing and potential regulatory frameworks for water withdrawals, discharges, tariff changes, water costs, licensing of operations. We know that are all key aspects for our activities. Aptar is plan in the next two years to have investigation on local legislation to reflect the growing need for strong water management in the main water stress areas. We are preparing for this by engaging with state, river basin and local policy makers and stakeholders about the best management plan for the region, and future changes to regulatory frameworks are therefore a key component in our risk assessment procedures.
Status of ecosystems and habitats	Relevant, not included	In the following reporting year the status of ecosystems and habitats has not been included in our analysis due to lack of reliable info. We planned in the next two years to incorporate the impacts on the local water dependent ecosystems into our risk assessments. To properly assess this risk, we'll have collaboration with national or international research bodies and community participation to identify the potential natural areas that can be affected.
Access to fully-functioning, safely managed WASH services for all employees	Not relevant, included	Despite our assessments that show this is not a material water-related risk for our operations, we include this element in our workplace assessments at every operating location. This allows us to ensure the health and safety of all our employees, and also as part of our corporate responsibility to respect and ensure implementation of the human right to water and sanitation. This is the baseline expectation of the UN Guiding Principles for Business and Human Rights. We also use the WBCSD implementation guide for Business Action for safe water, sanitation and hygiene to help us understand our risks and possible actions, in addition to health and safety assessment KPIs.
Other contextual issues, please specify	Not relevant, explanation provided	Analyzing product life cycle approach, our products during the use phase are not having a direct consumption of water, so, this is the reason why we have not considered this aspect along our product life cycle perspective. We can confirm that this topic is not relevant also in the future considering the product use in our markets.

W3.3c

(W3.3c) Which of the following stakeholders are considered in your organization's water-related risk assessments?

	Relevance & inclusion	Please explain
Customers	Relevant, not included	We have evaluated the materiality of water-related risks downstream in our value chain. This was relevant because our Beauty and Home customers are producing fragrance that requires intensive user of water into the bulk formula and process. So, considering this aspect we think that our customers are important stakeholders for water use. The methodology used to evaluate this significance has been based on Life Cycle Assessment. We conducted LCA on the full packaging including different product life cycle such as the production of bulk and fragrance. We are planning in the next two years to improve our investigation on water use from our customers process.
Employees	Not relevant, included	Aptar's reputation as a sustainable company, and the importance of water to the packaging industry as a whole completed assessment related to the water use for employees. The use of water from our employees is limited to the short period of time (as for example hand washing or quick shower after or during work) but many employees at all levels of the organization, within different segments, regions and functions were surveyed as part of this assessment. Water was not identified as a material aspect of Aptar's business but we are planning in the next two years to focus on water initiatives and trained employees about the water scarcity topics (as completed in the past reporting years). During past years our sustainability reports presented different initiatives related to the materiality assessment to reevaluate this position.
Investors	Relevant, always included	Investors' concern about our water-related risks is central to our corporate strategy and represents a risk to our capacity to access capital under satisfactory conditions. This is why they are always included. We report water risks and responses in our integrated annual sustainability reporting pack that is sent to shareholders by our Investor Reporting team so our investors can assess their investment. We expect that in the future investors' involvement and proactiveness will increase and we prepare ourselves with this perspective.
Local communities	Relevant, not included	Local Communities have not been included in our risk analysis due to lack of reliable information during the reporting year. We are planning in the next two years to include local communities in risk analysis because it is relevant aspect especially considering that Aptar is present in 18 countries. Anyway during the release of our corporate sustainability report we focused the attention on the water initiatives and we trained different employees on water scarcity as well as the Aptar facility that are located in areas water stressed. During this process we surveyed stakeholders on their view of water usage and conservation as related to Aptar's financial performance, Aptar's reputation as a sustainable company, and the importance of water to the packaging industry as a whole.
NGOs	Relevant, not included	NGOs have not been included in our risk analysis due to lack of reliable information and collaboration during the reporting year. We are planning in the next two years to include NGOs in risk analysis because it is relevant aspect especially considering that NGOs are part of our stakeholder engagement policy and are regarded as valuable partners to identify and discuss water-related concerns and opportunities, and for maintaining strong government and community relationships. We'll include NGOs in our risk assessments and engage as a relevant stakeholder both at the local and corporate levels.
Other water users at a basin/catchment level	Not considered	We have not identified "other water users" to engage at the local level.
Regulators	Relevant, not included	Regulators have not been included in our risk analysis due to the fact that it has not been involved in our ERM during the reporting year. We are planning in the next two years to include regulators in risk analysis because it is relevant aspect especially considering that regulations and legislations affect our activities so we'll include regulators such as state/regional governments and municipalities. Our EHS&Sustainability department will work with our risk department on these matters, and relevant developments will be incorporated into our Enterprise Risk Management system to inform on-site management and strategic corporate level.
River basin management authorities	Not considered	We have not identified "river basin management authorities" to engage in our water risk analysis.
Statutory special interest groups at a local level	Not considered	We have not identified "river basin management authorities" to engage in our water risk analysis.
Suppliers	Relevant, not included	Suppliers have not been included in our risk analysis due to lack of reliable information during the reporting year. We are planning in the next two years to include our supply chain in risk assessments particularly in relation to the supply of plastics, metals and energy. We also evaluate the impact of extreme weather events to logistics. Currently we are developing our understanding of water-related risks upstream of our value chain and we expect new risks to be identified as a result.
Water utilities at a local level	Not considered	We have not identified "water utilities/suppliers at the local level" to engage in our water risk analysis.
Other stakeholder, please specify	Not considered	We have not identified "water utilities/suppliers at the local level" to engage in our water risk analysis.

W3.3d

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

Aptar developed water risk assessment approach based on the following aspects:

- we included 100% of our sites such as operations, sales offices, corporate offices and warehouses. At the moment our risk model is not including upstream and downstream value chain. We are planning to include value chain in next years.

- the risks severity are classified following risk scale defined in tool used for risk assessment: Low - Low/Medium - Medium/High - High - Extremely High. Overall water risk measures all water-related risks, by aggregating all selected indicators from the Physical Quantity, Quality and Regulatory & Reputational Risk categories. Higher values indicate higher water risk.

- our decision making progress based on risk responses include the identification of risk level (such as medium/high, high and extremely high) in order to plan actions to reduce/mitigate risk along our operations involved in the risk management process.

As part of our risk assessment approach, from year 2019 Aptar improved data collection system including water categories in compliance with CDP Water sections.

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?

Aptar identifies the risk as substantive when it is related to the loss of profits and the proportion of business units affected, potential decrease of market share when we cannot meet the customer's requests or regulations and when the risk can directly impact Aptar's ability to meet strategic business objectives. Definition of substantive risk is applied for operations.

Aptar defines a substantive financial or strategic impact with terminology “High Level of Severity": this means the potential impact on cash flow and earnings is material and will directly impact Aptar’s ability to meet strategic business objectives. Furthermore high level of severity is quantified with a financial impact of $10 million or more.”

Aptar identifies and assesses water-related risks at a company level considering the main risk drivers that could affect our business, markets and customer's expectations. Regarding the identification and assessment of risks at company level, as part of the Aptar Production System, we measure and track each facility along a progression path, each facility is responsible to determine aspects and impacts of the business and then to prioritize these aspects and impacts.

The potential size and scope of identified risks are based on the screening process considering the severity of the impact to cash flow and earnings and to strategic business objectives. We currently have integrated water related risks in our risk model to define when risks have strategic impact and they are evaluated annually through active management plans.

Our risk model is based on matrix table that identify different levels of severity and probability:

SEVERITY levels

· rating from 1 to 3 -> low level -> the potential impact on cash flow and earnings is not material and will not directly impact Aptar’s ability to meet strategic business objectives. Quantified as impacts of less than $2 million.

· rating from 4 to 6 -> medium level -> the potential impact on cash flow and earnings could be material but would not be expected to impact Aptar’s ability to meet strategic business objectives. Quantified as impacts of $2 million to $10 million.

· rating from 7 to 9 -> high level -> the potential impact on cash flow and earnings is material and will directly impact Aptar’s ability to meet strategic business objectives. Quantified as impacts of $10 million or more.

PROBABILITY levels

· rating from 1 to 3 -> low level à factors contributing to the risk are not normally present. Procedures and/ or processes are in place. There is no historical experience within Aptar or the industry. The event is considered unlikely to occur. Likely to occur once every 10+ years.

· rating from 4 to 6 -> medium level -> some factors contributing to the risk are present. Some level of procedures or processes are in place. There is some historical experience within Aptar or the industry. The event is likely to occur once every 5-10 years.

· rating from 7 to 9 -> high level à most key factors contributing to the risk are present. There may be deficiencies in processes or procedures currently in place. Historically, the event has occurred with some frequency within Aptar or the industry. The event is considered likely to occur once every 1-5 years.

For example if the water availability in a certain locations could be effected by a drastically reduction or scarcity this could generate problem related to the cooling of molded components and/or anodizing process used in the finished product. This situation at the same time could generate delays or problem in the planning for the production of finished products to the Aptar customers with impacts on the final revenue at site level.

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	18	26-50	Aptar from the risk analysis of watershed identified 18 facilities exposed to water risks (high/extremely high).

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

Brazil	Other, please specify (La Plata)

Number of facilities exposed to water risk
2

% 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
Less than 1%

Comment

Country/Area & River basin

China	Other, please specify (Lake Tail Hu)

Number of facilities exposed to water risk
1

% company-wide facilities this represents
Less than 1%

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
1-10

Comment

Country/Area & River basin

France	Seine

Number of facilities exposed to water risk
3

% 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

Country/Area & River basin

Germany	Rhine

Number of facilities exposed to water risk
1

% company-wide facilities this represents
Less than 1%

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
1-10

Comment

Country/Area & River basin

India	Indus

Number of facilities exposed to water risk
1

% company-wide facilities this represents
Less than 1%

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
Less than 1%

Comment

Country/Area & River basin

Italy	Other, please specify (Aterno)

Number of facilities exposed to water risk
2

% 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
1-10

Comment

Country/Area & River basin

Mexico	Other, please specify (Laja)

Number of facilities exposed to water risk
1

% company-wide facilities this represents
Less than 1%

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
1-10

Comment

Country/Area & River basin

Spain	Other, please specify (Tagus)

Number of facilities exposed to water risk
1

% company-wide facilities this represents
Less than 1%

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
Less than 1%

Comment

Country/Area & River basin

Thailand	Other, please specify (Sa Keo)

Number of facilities exposed to water risk
1

% company-wide facilities this represents
Less than 1%

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
Less than 1%

Comment

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

Brazil	Other, please specify (La Plata)

Type of risk & Primary risk driver

Physical	Drought

Primary potential impact
Reduction or disruption in production capacity

Company-specific description
Aptar conducted water risk assessment with WRI Aqueduct tool and its database highlighted high physical risk quantity especially related to water stress (water stress measures the ratio of total water withdrawals to available renewable surface and groundwater supplies). We identified water stress (drought) in the basin La Plata which includes our annodizing operations in Brazil. This water stress could lead to periodic suspension (estimation max 1 month) of operation due to water scarcity for the anodizing system because baths needs to have periodic water substitution for degreasing phases. The financial impact equating to have maximum 1 month production lost due to this problem. Any major delays in production would hinder our ability to meet our contractual agreements. While we do have other Aptar operations located in water stressed areas, we do not consider this to be a substantive risk because those operations are not large consumers of water.

Timeframe
More than 6 years

Magnitude of potential impact
Low

Likelihood
About as likely as not

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

Potential financial impact figure (currency)
500000

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

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

Explanation of financial impact
We estimated this single financial figure assuming a one month stop (closure) of operations in this location with timescale based on medium term.

Primary response to risk
Adopt water efficiency, water reuse, recycling and conservation practices

Description of response
Water reuse system, recycling and conservation practices have been implemented in our operations that conduct molding and assembly activities. These operations are not large water consumers. The annodizing operations consume more water because water is consumed when the annodizing are cleaned. We are investigating closed loop water systems fro our annodizing facility in Brazil in order that less water is consumed by that operation. Our primary response to risk is supporting SDG goal number 6 substantially based on increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity.

Cost of response
1000000

Explanation of cost of response
The cost is based on the introduction of a closed loop water system for the anodizing plant in Brazil in order to increase recycling level of wastewater and decrease the volume of water consumed. The cost has been calculated on technical quotation and timescale is mid term.

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	Evaluation in progress	While we do collect some information regarding water from our suppliers, we do not currently conduct a formal risk evaluation using the heat map described above. That said, however, as we have a highly complex supply chain with no majority spend focused on any one supplier, we believe the severity rankings of water risk within the supply chain would result in risk mapping scores that are not substantial according to our definition above. We planned to to investigate this aspect in the next two years considering the major aspects related to our upstream value chain. For example the water related risk for the production of plastics, bio-plastics, metals and renewable energy (hydropower source.)

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
Improved water efficiency in operations

Company-specific description & strategy to realize opportunity
Opportunity is related to the implementation of closed loop system to treat and reuse wastewater coming from anodizing process for aluminum components. This solution can have strategic impact thanks to the increase of efficiency level in our Brazilian operation and can have financial impact related to the decrease of wastewater disposal and water withdrawn. The benefit can be applied to Brazilian site related to anodizing process for aluminum components. From opportunity point of view, the concept of substantive impact can be linked to the strategy and actions to limit the decrease of our profits with high efficiency of our processes in operations. For example the development of new technology to adopt closed loop system and reuse system for water can have benefit with less cost to manage wastewater disposal.

Estimated timeframe for realization
4 to 6 years

Magnitude of potential financial impact
Medium

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)
80000

Potential financial impact figure – maximum (currency)
120000

Explanation of financial impact
The financial impact calculation is based on saving related to the cost of water consumed and wastewater (sewage). The implementation of water reuse system and recycling of wastewater will reduce annual cost and can avoid the possible reduction in production capacity (and stop) for our intercompany plants

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)
Aptar Cajamar

Country/Area & River basin

Brazil	Other, please specify (La Plata)

Latitude
-23.346

Longitude
-46.854

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)
0.17

Comparison of total withdrawals with previous reporting year
Much 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
0.17

Total water discharges at this facility (megaliters/year)
0.04

Comparison of total discharges with previous reporting year
Much lower

Discharges to fresh surface water
0

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
0.04

Total water consumption at this facility (megaliters/year)
0.13

Comparison of total consumption with previous reporting year
Much lower

Please explain
This site is located in water stressed area as defined in WRI Aqueduct tool used for this reporting year. The use of water is related to the cooling of injection molding area with general consumption for employees such as toilet. We defined thresholds for comparison with previous reporting year as follow: - much higher: value >50% - much lower: value <50% Value has been calculated considering water bill from water suppliers. Third party source for water withdrawn is based on municipality. Third party destination for water discharged is not based on additional uses in other organizations. Water consumption has been optimized respect previous reporting year thanks closed loop process for cooling injection molding. The future estimation of water consumption along years 2020/2021 will be very similar to this water data reported for year 2019.

Facility reference number
Facility 2

Facility name (optional)
Aptar Chieti

Country/Area & River basin

Italy	Other, please specify (Aterno)

Latitude
42.304

Longitude
14.052

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)
4.75

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
4.75

Total water discharges at this facility (megaliters/year)
4.75

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
4.75

Total water consumption at this facility (megaliters/year)
0

Comparison of total consumption with previous reporting year
About the same

Please explain
This site is located in water stressed area as defined in WRI Aqueduct tool used for this reporting year. The use of water is related to the cooling of injection molding area with general consumption for employees such as toilet. We defined thresholds for comparison with previous reporting year as follow: - much higher: value >50% - much lower: value <50% Value has been calculated considering water bill from water suppliers. Third party source for water withdrawn is based on municipality. Third party destination for water discharged is not based on additional uses in other organizations. Water consumption is very similar respect previous reporting year thanks closed loop process for cooling injection molding. The future estimation of water consumption along years 2020/2021 will be very similar to this water data reported for year 2019.

Facility reference number
Facility 3

Facility name (optional)
Aptar Chonburi

Country/Area & River basin

Thailand	Other, please specify (Sa Keo)

Latitude
13.443

Longitude
101.019

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)
2

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
2

Total water discharges at this facility (megaliters/year)
1.6

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
1.6

Total water consumption at this facility (megaliters/year)
0.4

Comparison of total consumption with previous reporting year
About the same

Please explain
This site is located in water stressed area as defined in WRI Aqueduct tool used for this reporting year. The use of water is related to the cooling of injection molding area with general consumption for employees such as toilet. We defined thresholds for comparison with previous reporting year as follow: - much higher: value >50% - much lower: value <50% Value has been calculated considering water bill from water suppliers. Third party source for water withdrawn is based on municipality. Third party destination for water discharged is not based on additional uses in other organizations. Water consumption is very similar respect previous reporting year thanks closed loop process for cooling injection molding. The future estimation of water consumption along years 2020/2021 will be very similar to this water data reported for year 2019.

Facility reference number
Facility 4

Facility name (optional)
Aptar Hyderabad

Country/Area & River basin

India	Krishna

Latitude
17.623

Longitude
78.511

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)
3.9

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
3.9

Total water discharges at this facility (megaliters/year)
3.9

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
3.9

Total water consumption at this facility (megaliters/year)
0

Comparison of total consumption with previous reporting year
About the same

Please explain
This site is located in water stressed area as defined in WRI Aqueduct tool used for this reporting year. The use of water is related to the cooling of injection molding area with general consumption for employees such as toilet. We defined thresholds for comparison with previous reporting year as follow: - much higher: value >50% - much lower: value <50% Value has been calculated considering water bill from water suppliers. Third party source for water withdrawn is based on municipality. Third party destination for water discharged is not based on additional uses in other organizations. Water consumption is very similar respect previous reporting year thanks closed loop process for cooling injection molding. The future estimation of water consumption along years 2020/2021 will be very similar to this water data reported for year 2019.

Facility reference number
Facility 5

Facility name (optional)
Aptar Jundiai

Country/Area & River basin

Brazil	Other, please specify (La Plata)

Latitude
-23.221

Longitude
-46.877

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)
98

Comparison of total withdrawals with previous reporting year
This is our first year of measurement

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
98

Total water discharges at this facility (megaliters/year)
79

Comparison of total discharges with previous reporting year
This is our first year of measurement

Discharges to fresh surface water
0

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
79

Total water consumption at this facility (megaliters/year)
19

Comparison of total consumption with previous reporting year
This is our first year of measurement

Please explain
This site is located in water stressed area as defined in WRI Aqueduct tool used for this reporting year. The use of water is related to the anodizing process and general consumption for employees such as toilet. We defined thresholds for comparison with previous reporting year as follow: - much higher: value >50% - much lower: value <50% Value has been calculated considering water bill from water suppliers. Third party source for water withdrawn is based on municipality. Third party destination for water discharged is not based on additional uses in other organizations. Water consumption is reported for first time in this reporting year. The future estimation of water consumption along years 2020/2021 will be very similar to this water data reported for year 2019.

Facility reference number
Facility 6

Facility name (optional)
Aptar Le Vaudreuil

Country/Area & River basin

France	Seine

Latitude
49.26

Longitude
1.198

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)
11

Comparison of total withdrawals with previous reporting year
Much higher

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
11

Total water discharges at this facility (megaliters/year)
11

Comparison of total discharges with previous reporting year
Much higher

Discharges to fresh surface water
0

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
11

Total water consumption at this facility (megaliters/year)
0

Comparison of total consumption with previous reporting year
About the same

Please explain
This site is located in water stressed area as defined in WRI Aqueduct tool used for this reporting year. The use of water is related to the cooling of injection molding area with general consumption for employees such as toilet. We defined thresholds for comparison with previous reporting year as follow: - much higher: value >50% - much

lower: value <50% Value has been calculated considering water bill from water suppliers. Third party source for water withdrawn is based on municipality. Third party destination for water discharged is not based on additional uses in other organizations. Water consumption is very similar respect previous reporting year thanks closed loop process for cooling injection molding. The future estimation of water consumption along years 2020/2021 will be very similar to this water data reported for year 2019.

Facility reference number
Facility 7

Facility name (optional)
Aptar Madrid

Country/Area & River basin

Spain	Other, please specify (Tagus)

Latitude
40.482

Longitude
-3.364

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)
0.45

Comparison of total withdrawals with previous reporting year
This is our first year of measurement

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
0.45

Total water discharges at this facility (megaliters/year)
0.45

Comparison of total discharges with previous reporting year
This is our first year of measurement

Discharges to fresh surface water
0

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
0.45

Total water consumption at this facility (megaliters/year)
0

Comparison of total consumption with previous reporting year
This is our first year of measurement

Please explain
This site is located in water stressed area as defined in WRI Aqueduct tool used for this reporting year. The use of water is related to the injection molding and general consumption for employees such as toilet. We defined thresholds for comparison with previous reporting year as follow: - much higher: value >50% - much lower: value <50% Value has been calculated considering water bill from water suppliers. Third party source for water withdrawn is based on municipality. Third party destination for water discharged is not based on additional uses in other organizations. Water consumption is reported for first time in this reporting year. The future estimation of water consumption along years 2020/2021 will be very similar to this water data reported for year 2019.

Facility reference number
Facility 8

Facility name (optional)

Aptar Pescara

Country/Area & River basin

Italy	Other, please specify (Aterno)

Latitude
42.304

Longitude
14.952

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)
1

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
1

Total water discharges at this facility (megaliters/year)
1

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
1

Total water consumption at this facility (megaliters/year)
0

Comparison of total consumption with previous reporting year
About the same

Please explain
This site is located in water stressed area as defined in WRI Aqueduct tool used for this reporting year. The use of water is related to the cooling of injection molding area with general consumption for employees such as toilet. We defined thresholds for comparison with previous reporting year as follow: - much higher: value >50% - much lower: value <50% Value has been calculated considering water bill from water suppliers. Third party source for water withdrawn is based on municipality. Third party destination for water discharged is not based on additional uses in other organizations. Water consumption is very similar respect previous reporting year thanks closed loop process for cooling injection molding. The future estimation of water consumption along years 2020/2021 will be very similar to this water data reported for year 2019.

Facility reference number
Facility 9

Facility name (optional)
Aptar Suzhou

Country/Area & River basin

China	Other, please specify (Tail Hu)

Latitude

31.29

Longitude
120.746

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)
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
81

Total water discharges at this facility (megaliters/year)
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
81

Total water consumption at this facility (megaliters/year)
0

Comparison of total consumption with previous reporting year
About the same

Please explain
This site is located in water stressed area as defined in WRI Aqueduct tool used for this reporting year. The use of water is related to the cooling of injection molding area with general consumption for employees such as toilet. We defined thresholds for comparison with previous reporting year as follow: - much higher: value >50% - much lower: value <50% Value has been calculated considering water bill from water suppliers. Third party source for water withdrawn is based on municipality. Third party destination for water discharged is not based on additional uses in other organizations. Water consumption is very similar respect previous reporting year thanks closed loop process for cooling injection molding. The future estimation of water consumption along years 2020/2021 will be very similar to this water data reported for year 2019.

Facility reference number
Facility 10

Facility name (optional)
Val De Reuil

Country/Area & River basin

France	Seine

Latitude
49.265

Longitude
1.2

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)
3.9

Comparison of total withdrawals with previous reporting year
This is our first year of measurement

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
3.9

Total water discharges at this facility (megaliters/year)
3.9

Comparison of total discharges with previous reporting year
This is our first year of measurement

Discharges to fresh surface water
0

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
3.9

Total water consumption at this facility (megaliters/year)
0

Comparison of total consumption with previous reporting year
This is our first year of measurement

Please explain
This site is located in water stressed area as defined in WRI Aqueduct tool used for this reporting year. The use of water is related to the injection molding and general consumption for employees such as toilet. We defined thresholds for comparison with previous reporting year as follow: - much higher: value >50% - much lower: value <50% Value has been calculated considering water bill from water suppliers. Third party source for water withdrawn is based on municipality. Third party destination for water discharged is not based on additional uses in other organizations. Water consumption is reported for first time in this reporting year. The future estimation of water consumption along years 2020/2021 will be very similar to this water data reported for year 2019.

Facility reference number
Facility 11

Facility name (optional)
Aptar Verneuil

Country/Area & River basin

France	Seine

Latitude
48.746

Longitude
0.927

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)
3.7

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
3.7

Total water discharges at this facility (megaliters/year)
3.7

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
3.7

Total water consumption at this facility (megaliters/year)
0

Comparison of total consumption with previous reporting year
About the same

Please explain
This site is located in water stressed area as defined in WRI Aqueduct tool used for this reporting year. The use of water is related to the cooling of injection molding area with general consumption for employees such as toilet. We defined thresholds for comparison with previous reporting year as follow: - much higher: value >50% - much lower: value <50% Value has been calculated considering water bill from water suppliers. Third party source for water withdrawn is based on municipality. Third party destination for water discharged is not based on additional uses in other organizations. Water consumption is very similar respect previous reporting year thanks closed loop process for cooling injection molding. The future estimation of water consumption along years 2020/2021 will be very similar to this water data reported for year 2019.

Facility reference number
Facility 12

Facility name (optional)
Aptar Villingen

Country/Area & River basin

Germany	Rhine

Latitude
48.083

Longitude
8.505

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)
9.8

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
9.8

Total water discharges at this facility (megaliters/year)
9.8

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
9.8

Total water consumption at this facility (megaliters/year)
0

Comparison of total consumption with previous reporting year
About the same

Please explain
This site is located in water stressed area as defined in WRI Aqueduct tool used for this reporting year. The use of water is related to the cooling of injection molding area with general consumption for employees such as toilet. We defined thresholds for comparison with previous reporting year as follow: - much higher: value >50% - much lower: value <50% Value has been calculated considering water bill from water suppliers. Third party source for water withdrawn is based on municipality. Third party destination for water discharged is not based on additional uses in other organizations. Water consumption is very similar respect previous reporting year thanks closed loop process for cooling injection molding. The future estimation of water consumption along years 2020/2021 will be very similar to this water data reported for year 2019.

W5.1a

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

Water withdrawals – total volumes

% verified
Not verified

What standard and methodology was used?
<Not Applicable>

Water withdrawals – volume by source

% verified
Not verified

What standard and methodology was used?
<Not Applicable>

Water withdrawals – quality

% verified
Not verified

What standard and methodology was used?
<Not Applicable>

Water discharges – total volumes

% verified
Not verified

What standard and methodology was used?
<Not Applicable>

Water discharges – volume by destination

% verified
Not verified

What standard and methodology was used?
<Not Applicable>

Water discharges – volume by treatment method

% verified
Not verified

What standard and methodology was used?
<Not Applicable>

Water discharge quality – quality by standard effluent parameters

% verified
Not verified

What standard and methodology was used?
<Not Applicable>

Water discharge quality – temperature

% verified
Not verified

What standard and methodology was used?
<Not Applicable>

Water consumption – total volume

% verified
Not verified

What standard and methodology was used?
<Not Applicable>

Water recycled/reused

% verified
Not verified

What standard and methodology was used?
<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	Description of business impact on water Description of water-related performance standards for direct operations Company water targets and goals Commitment to align with public policy initiatives, such as the SDGs Commitment to stakeholder awareness and education Recognition of environmental linkages, for example, due to climate change	Water aspect is included in Aptar global EHS&Sustainability policy which is signed by the Executive Committee. In the policy we have direct connection to the following content: 1) business impact on water: we have anodizing process in operations and this process is water intensive. Aptar is constantly looking for water efficiency solutions to minimize water consumption. 2) water-related performance for operations: we have performance tracking system in our operations to monitor water performance 3) company water targets: we defined corporate target on water consumption included operations in water stress areas 4) public policy: Aptar sustainability strategy is fully aligned to SDGs 5) awareness and education: Aptar is committed to increase awareness to water conservancy actions 6) environmental linkages: Aptar is fully aligned to promote actions and targets to reduce climate change impact also considering water consumption (Scope 3)

W6.2

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

Yes

W6.2a

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

Position of individual	Please explain
Other C-Suite Officer	The Global EHS & Sustainability Team, within the Operational Excellence (OE) Organization, helps shape the sustainability goals & metrics on behalf of the Executive Committee (ExCom). This team is led by the Vice President-OE, EHS & Sustainability, who reports, through the OE department, directly to the ExCom. The Global Team, comprised of industry experts, updates the ExCom often on day-to-day issues including progress on goals/objectives and quarterly on major trends, risks/opportunities surrounding material sustainability issues, & climate change. The VP-OE, EHS & Sustainability and the Product Sustainability Director present topics monthly to the ExCom and at least 2x a year to the Board. Regular communication ensures that the Global Team, OE Organization, and the ExCom are aware of the changing landscape and that the global business strategy is aligned on suitable challenges and trends . Integration of risk and opportunity into Aptar's governance process allows for a financial advantage to the company .

W6.2b

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

	Frequency that water-related issues are a scheduled agenda item	Governance mechanisms into which water-related issues are integrated	Please explain
Row 1	Sporadic - as important matters arise	Reviewing and guiding corporate responsibility strategy Setting performance objectives	Aptar's operations are not highly water intensive as compared to other industries. Still, we believe it is our responsibility to manage our water efficiently. For this reason we are focusing on water stress. We introduced a water stress awareness training course and required at least the operations and facilities manager from each of the focus facilities complete the course. Those sites were also required to implement a water management plan and to plan water reduction projects.100 employees from 32 Aptar locations completed the course, and more were completed in 2015 and 2016 , 2017 and 2018.

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)
Other C-Suite Officer, please specify (Vice President Operational Excellence EHS&Sustainability)

Responsibility
Both assessing and managing water-related risks and opportunities

Frequency of reporting to the board on water-related issues
As important matters arise

Please explain
We map our locations on the WBCSD Global Water Tool at least annually, evaluate the risks according to the Aptar risk heat map, and make recommendations for our global environmental strategy as needed. We also collects water metrics from each facility on a monthly basis through a web-based reporting system

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	No, not currently but we plan to introduce them in the next two years	

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?
No

W6.6

(W6.6) Did your organization include information about its response to water-related risks in its most recent mainstream financial report?
No, but we plan to do so in the next two years

W7. Business strategy

W7.1

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

	Are water-related issues integrated?	Long-term time horizon (years)	Please explain
Long-term business objectives	No, water-related issues not yet reviewed, but there are plans to do so in the next two years	<Not Applicable>	The global strategy is determined at the enterprise level with input from sustainability leaders in each region and representatives of each segment and most departments. Along these years our business objectives and strategy have been influenced mostly by climate-related issues but we are going to investigate the water-related issues, in fact, especially along year 2018 Aptar's sustainability strategy aligns to the framework set by the United Nation's Sustainable Development Goals (SDGs). For each of the five strategic pillars we have identified, or are developing, targets to align with the 2030 SDG targets. Our sustainability vision is going to integrate and focused on water issues considering as long term objectives the following key aspects: - Circular Economy & Water, creating an assessment and opportunity framework to enable greater circularity in water management practices increasing customer and employee loyalty; - Operations, optimize the consumption of natural resources in our operations and processes. Serve the communities in which we operate; - Suppliers & Partners, collaborate with thought leaders to cultivate an innovative supply chain that is both socially inclusive and environmentally conscious, in order to meet customer and consumer needs on the water management.
Strategy for achieving long-term objectives	No, water-related issues not yet reviewed, but there are plans to do so in the next two years	<Not Applicable>	The global strategy is determined at the enterprise level with input from sustainability leaders in each region and representatives of each segment and most departments. Along these years our business objectives and strategy have been influenced mostly by climate-related issues but we are going to investigate the water-related issues, in fact, especially along year 2018 Aptar's sustainability strategy aligns to the framework set by the United Nation's Sustainable Development Goals (SDGs). For each of the five strategic pillars we have identified, or are developing, targets to align with the 2030 SDG targets. Our sustainability vision is going to integrate and focused on water issues considering as long term objectives the following key aspects: - Circular Economy & Water, creating an assessment and opportunity framework to enable greater circularity in water management practices increasing customer and employee loyalty; - Operations, optimize the consumption of natural resources in our operations and processes. Serve the communities in which we operate; - Suppliers & Partners, collaborate with thought leaders to cultivate an innovative supply chain that is both socially inclusive and environmentally conscious, in order to meet customer and consumer needs on the water management.
Financial planning	No, water-related issues not yet reviewed, but there are plans to do so in the next two years	<Not Applicable>	The global strategy is determined at the enterprise level with input from sustainability leaders in each region and representatives of each segment and most departments. Along these years our business objectives and strategy have been influenced mostly by climate-related issues but we are going to investigate the water-related issues, in fact, especially along year 2018 Aptar's sustainability strategy aligns to the framework set by the United Nation's Sustainable Development Goals (SDGs). For each of the five strategic pillars we have identified, or are developing, targets to align with the 2030 SDG targets. Our sustainability vision is going to integrate and focused on water issues considering as long term objectives the following key aspects: - Circular Economy & Water, creating an assessment and opportunity framework to enable greater circularity in water management practices increasing customer and employee loyalty; - Operations, optimize the consumption of natural resources in our operations and processes. Serve the communities in which we operate; - Suppliers & Partners, collaborate with thought leaders to cultivate an innovative supply chain that is both socially inclusive and environmentally conscious, in order to meet customer and consumer needs on the water management.

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)

20

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

5

Water-related OPEX (+/- % change)

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

Please explain

As we focus more on water stressed sites, these sites are required to implement consumption reduction projects. Also, the awareness training is serving to educate more Aptar employees in all locations. Further, we are improving the accuracy of the data tracked through our CapEx system in order to more efficiently identify and monitor sustainability related projects. We do not track our operational expenditures specifically related to water, but are considering additional filters within this system as well.

W7.3

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

	Use of climate-related scenario analysis	Comment
Row 1	Yes	In reporting year 2019 we worked on the process to have Science Based Targets approval that has been completed in Q3 2020. At the moment our SBT has not identified water-related outcomes from climate-related scenario analysis but we planned to investigate it in the next two years with appropriate climate related scenarios.

W7.3a

(W7.3a) Has your organization identified any water-related outcomes from your climate-related scenario analysis?

No

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

W8. Targets

W8.1

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

	Levels for targets and/or goals	Monitoring at corporate level	Approach to setting and monitoring targets and/or goals
Row 1	Site/facility specific targets and/or goals	Targets are monitored at the corporate level Goals are monitored at the corporate level	In the context of our company's non-financial targets, we have assessed water and performance in a holistic way since 2014. Target setting is driven by our response to risks and impacts, and the identification of water scarce locations using the WRI Aqueduct tool. This ensures that targets are meaningful in terms of our water security commitments. Our company also uses targets to monitor progress of site-specific water projects and any accompanying initiatives in communities. To address local water issues, our company sets site specific targets that fit the individual water contexts. These are set and monitored by regional EHS&S leader.

W8.1a

(W8.1a) Provide details of your water targets that are monitored at the corporate level, and the progress made.

Target reference number
Target 1

Category of target
Monitoring of water use

Level
Site/facility

Primary motivation
Water stewardship

Description of target
The target has been calculated considering the result of local risk level for water. The target is being implemented considering best available techniques in our processes that can maximize the reuse and recycling of water (for example water reuse in anodizing process).

Quantitative metric
% sites monitoring water withdrawal by source

Baseline year
2018

Start year
2019

Target year
2019

% of target achieved
100

Please explain
In 2018 Aptar began to align to water data categories in compliance with CDP framework. The alignment activity was completed in reporting year 2019. The target to transfer water historical data into the new system has been reached by all sites and all sites are now reported water data by source in alignment to CDP designations. Our target is completed 100% as per our target year

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Target reference number
Target 2

Category of target
Water consumption

Level
Site/facility

Primary motivation
Water stewardship

Description of target
The target is based on the number of Aptar sites (operations + offices) that are tracking the water consumed.

Quantitative metric
% reduction in total water consumption

Baseline year
2019

Start year
2019

Target year
2020

% of target achieved
0

Please explain
In 2019 Aptar updated baseline including in water mapping not only the operations but also sales offices, corporate offices and warehouses. In addtion, more operations have been added due to acquisitions completed during reporting year 2019. The % reduction target in total water consumption is yearly based, so, for this reporting year considering that we defined new baseline we do not have % of target achieved.

W8.1b

(W8.1b) Provide details of your water goal(s) that are monitored at the corporate level and the progress made.

Goal
Promotion of water data transparency

Level
Site/facility

Motivation
Risk mitigation

Description of goal
We defined this goal at site level because we can have traceability of risk level. The goal has been defined in the same way for sites located in water stress areas and for sites not located in water stress areas. This goal is part of Aptar Sustainability Strategy (focused on the Sustainable Development Goals). We defined goal linked to the promotion of water data transparency with the use of appropriate tool to map the water effluents details. Aptar invested financial resources (tool license to have water data collection for each site) and 3 full time equivalent personnel from Sustainability Team are supporting sites.

Baseline year
2019

Start year
2019

End year
2022

Progress
In year 2019 Aptar completed the full implementation of tool to map and track water data at site level. Next step along year 2020 is related to the identification of sites with mandatory aspects related to the local policy for the management of discharge water and effluents parameters that should be involved into the monitoring process site level. Thresholds has been defined about the number of sites located in water stressed areas as per outcomes coming from the use of WRI Aqueduct tool. With the data now more transparent and accessible, we will set a baseline and target accordingly.

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, but we are actively considering verifying within the next two years

W10. Sign off

W-FI

(W-FI) Use this field to provide any additional information or context that you feel is relevant to your organization's response. Please note that this field is optional and is not scored.

W10.1

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

	Job title	Corresponding job category
Row 1	Stephan B. Tanda - President and CEO	Chief Executive Officer (CEO)

W10.2

(W10.2) Please indicate whether your organization agrees for CDP to transfer your publicly disclosed data on your impact and risk response strategies to the CEO Water Mandate's Water Action Hub [applies only to W2.1a (response to impacts), W4.2 and W4.2a (response to risks)].
No

SW. Supply chain module

SW0.1

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

	Annual revenue
Row 1	2860000000

SW0.2

(SW0.2) Do you have an ISIN for your organization that you are willing to share with CDP?

Yes

SW0.2a

(SW0.2a) Please share your ISIN in the table below.

	ISIN country code	ISIN numeric identifier (including single check digit)
Row 1	US	383361039

SW1.1

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

Yes, CDP supply chain members buy goods or services from facilities listed in W5.1

SW1.1a

(SW1.1a) Indicate which of the facilities referenced in W5.1 could impact a requesting CDP supply chain member.

Facility reference number
Facility 1

Facility name
Aptar Cajamar

Requesting member
Johnson & Johnson

Description of potential impact on member
The potential impact on member is represented by the possible delays (lead time) for the delivering of finished products due to problem for the cooling system (eg. quali-quantitative issue for water availability) at molding department. This problem could generate along supply-chain (downstream) further delays linked to the distribution of full packaging at retails and end-users.

Comment
It's important to highlight that Aptar has the possibility to transfer production of molded components to other sites in order to ensure the lead time and quality of finished product in case of problem to the cooling system due to water availability.

Facility reference number
Facility 2

Facility name
Aptar Chieti

Requesting member
Johnson & Johnson

Description of potential impact on member
The potential impact on member is represented by the possible delays (lead time) for the delivering of finished products due to problem for the cooling system (eg. quali-quantitative issue for water availability) at molding department. This problem could generate along supply-chain (downstream) further delays linked to the distribution of full packaging at retails and end-users.

Comment
It's important to highlight that Aptar has the possibility to transfer production of molded components to other sites in order to ensure the lead time and quality of finished product in case of problem to the cooling system due to water availability.

Facility reference number
Facility 4

Facility name
Aptar Hyderabad

Requesting member
Johnson & Johnson

Description of potential impact on member

The potential impact on member is represented by the possible delays (lead time) for the delivering of finished products due to problem for the cooling system (eg. quali-quantitative issue for water availability) at molding department. This problem could generate along supply-chain (downstream) further delays linked to the distribution of full packaging at retails and end-users.

Comment
It's important to highlight that Aptar has the possibility to transfer production of molded components to other sites in order to ensure the lead time and quality of finished product in case of problem to the cooling system due to water availability.

Facility reference number
Facility 9

Facility name
Aptar Suzhou

Requesting member
Johnson & Johnson

Description of potential impact on member
The potential impact on member is represented by the possible delays (lead time) for the delivering of finished products due to problem for the cooling system (eg. quali-quantitative issue for water availability) at molding department. This problem could generate along supply-chain (downstream) further delays linked to the distribution of full packaging at retails and end-users.

Comment
It's important to highlight that Aptar has the possibility to transfer production of molded components to other sites in order to ensure the lead time and quality of finished product in case of problem to the cooling system due to water availability.

Facility reference number
Facility 2

Facility name
Aptar Chieti

Requesting member
L'Oréal

Description of potential impact on member
The potential impact on member is represented by the possible delays (lead time) for the delivering of finished products due to problem for the cooling system (eg. quali-quantitative issue for water availability) at molding department. This problem could generate along supply-chain (downstream) further delays linked to the distribution of full packaging at retails and end-users.

Comment
It's important to highlight that Aptar has the possibility to transfer production of molded components to other sites in order to ensure the lead time and quality of finished product in case of problem to the cooling system due to water availability.

Facility reference number
Facility 9

Facility name
Aptar Suzhou

Requesting member
L'Oréal

Description of potential impact on member
The potential impact on member is represented by the possible delays (lead time) for the delivering of finished products due to problem for the cooling system (eg. quali-quantitative issue for water availability) at molding department. This problem could generate along supply-chain (downstream) further delays linked to the distribution of full packaging at retails and end-users.

Comment
It's important to highlight that Aptar has the possibility to transfer production of molded components to other sites in order to ensure the lead time and quality of finished product in case of problem to the cooling system due to water availability.

Facility reference number
Facility 3

Facility name
Aptar Chonburi

Requesting member
Unilever plc

Description of potential impact on member
The potential impact on member is represented by the possible delays (lead time) for the delivering of finished products due to problem for the cooling system (eg. quali-quantitative issue for water availability) at molding department. This problem could generate along supply-chain (downstream) further delays linked to the distribution of full packaging at retails and end-users.

Comment
It's important to highlight that Aptar has the possibility to transfer production of molded components to other sites in order to ensure the lead time and quality of finished product in case of problem to the cooling system due to water availability.

Facility reference number
Facility 1

Facility name
Aptar Cajamar

Requesting member
Unilever plc

Description of potential impact on member
The potential impact on member is represented by the possible delays (lead time) for the delivering of finished products due to problem for the cooling system (eg. quali-quantitative issue for water availability) at molding department. This problem could generate along supply-chain (downstream) further delays linked to the distribution of full packaging at retails and end-users.

Comment
It's important to highlight that Aptar has the possibility to transfer production of molded components to other sites in order to ensure the lead time and quality of finished product in case of problem to the cooling system due to water availability.

Facility reference number
Facility 2

Facility name
Aptar Chieti

Requesting member
Unilever plc

Description of potential impact on member
The potential impact on member is represented by the possible delays (lead time) for the delivering of finished products due to problem for the cooling system (eg. quali-quantitative issue for water availability) at molding department. This problem could generate along supply-chain (downstream) further delays linked to the distribution of full packaging at retails and end-users.

Comment
It's important to highlight that Aptar has the possibility to transfer production of molded components to other sites in order to ensure the lead time and quality of finished product in case of problem to the cooling system due to water availability.

Facility reference number
Facility 4

Facility name
Aptar Hyderabad

Requesting member
Unilever plc

Description of potential impact on member
The potential impact on member is represented by the possible delays (lead time) for the delivering of finished products due to problem for the cooling system (eg. quali-quantitative issue for water availability) at molding department. This problem could generate along supply-chain (downstream) further delays linked to the distribution of full packaging at retails and end-users.

Comment
It's important to highlight that Aptar has the possibility to transfer production of molded components to other sites in order to ensure the lead time and quality of finished product in case of problem to the cooling system due to water availability.

Facility reference number
Facility 9

Facility name
Aptar Suzhou

Requesting member
Unilever plc

Description of potential impact on member
The potential impact on member is represented by the possible delays (lead time) for the delivering of finished products due to problem for the cooling system (eg. quali-quantitative issue for water availability) at molding department. This problem could generate along supply-chain (downstream) further delays linked to the distribution of full packaging at retails and end-users.

Comment
It's important to highlight that Aptar has the possibility to transfer production of molded components to other sites in order to ensure the lead time and quality of finished product in case of problem to the cooling system due to water availability.

Facility reference number
Facility 12

Facility name
Aptar Villingen

Requesting member
Unilever plc

Description of potential impact on member
The potential impact on member is represented by the possible delays (lead time) for the delivering of finished products due to problem for the cooling system (eg. quali-quantitative issue for water availability) at molding department. This problem could generate along supply-chain (downstream) further delays linked to the distribution of full packaging at retails and end-users.

Comment
It's important to highlight that Aptar has the possibility to transfer production of molded components to other sites in order to ensure the lead time and quality of finished product in case of problem to the cooling system due to water availability.

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
Annecy	45.886	6.112	
Bahadurpally	17.532	78.435	
Ballinasloe	53.34	-8.242	
Boehringen	47.75	8.944	
Brecey	48.727	-1.163	
Cajamar	-23.346	-46.854	
Cali	3.562	-76.45	
Cary	42.226	-88.249	
Charleval	49.374	1.371	
Chieti	42.304	14.052	
Chonburi	13.443	101.019	
Cikarang Bekas	-6.286	107.124	
Ckyne	49.113	13.837	
Congers	41.165	-73.936	
Dortmund	51.529	7.628	
Eigeltingen	47.854	8.902	
Eatontown	40.272	-74.07	
Freyung	48.822	13.57	
Granville	48.838	-1.562	
Himachal	30.916	76.837	
Jeedimetla	17.532	78.435	
Jundiai	-23.221	-46.877	
Le Neubourg	49.158	0.907	
Le Vaudreuil	49.26	1.198	
Leeds	53.745	-1.598	
Libertyville	42.293	-87.998	
Lincolnton	35.546	-81.219	
Madrid	40.482	-3.364	
Maringa	-23.451	-51.991	
Menden	51.451	7.786	
Mezzovico	46.094	8.924	
Midland	43.618	-84.184	
Mukwonago	42.869	-88.32	
Mumbai	19.114	73.009	
Oyonnax	46.247	5.645	
Pescara	42.304	14.052	
Poincy	48.967	2.921	
Queretaro	20.564	-100.259	
Stratford	41.169	-73.128	
Suzhou	42.046	2.275	
Torello	42.046	2.275	
Torrington	41.87	-73.072	
Tortuguitas	-34.472	-58.754	
Varela	-34.811	-58.242	
Verneuil	48.746	0.927	
Villingen	48.083	8.505	
Vladimir	56.097	40.353	
Watertown	41.59	-73.1	

SW2.1

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

Requesting member
L'Oréal

Category of project
New product or service

Type of project
New product or service that has a lower upstream water impacts

Motivation
In reporting year 2019 Aptar signed New Plastic Economy Global Commitment. We defined our commitment to increase 10% the recycled content in our products by 2025. This is part of our strategy to reduce water consumption related to the extraction and production of conventional raw materials such as plastics and metals. We collaborated with customers to push in the market new products made with post consumer recycled resin in order to reduce upstream water consumption.

Estimated timeframe for achieving project
Up to 1 year

Details of project
Aptar promoted the use of post consumer recycled resins to decrease the water consumption linked to the upstream processes for extraction and production of raw materials.

Projected outcome
In year 2019 we delivered green product to our customer L'Oreal. For next reporting year we are increasing request from our customers about recycled content uses.

Requesting member
Unilever plc

Category of project
New product or service

Type of project
New product or service that has a lower upstream water impacts

Motivation
In reporting year 2019 Aptar signed New Plastic Economy Global Commitment. We defined our commitment to increase 10% the recycled content in our products by 2025. This is part of our strategy to reduce water consumption related to the extraction and production of conventional raw materials such as plastics and metals. We collaborated with customers to push in the market new products made with post consumer recycled resin in order to reduce upstream water consumption.

Estimated timeframe for achieving project
Up to 1 year

Details of project
Aptar promoted the use of post consumer recycled resins to decrease the water consumption linked to the upstream processes for extraction and production of raw materials.

Projected outcome
In year 2019 we delivered green product to our customer L'Oreal. For next reporting year we are increasing request from our customers about recycled content uses.

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
The finished products are dispenser produced at Aptar Chonburi for the CDP customer Unilever

Water intensity value
56

Numerator: Water aspect
Water consumed

Denominator
Finished products produced as invoiced quantities from Aptar Chonburi for CDP customer Unilever

Comment
The water intensity indicator is based on the calculation mass based for water consumed by plant. The total water consumed has been allocated considering the total finished products produced by the plant and the finished products produced for CDP customer. The water intensity indicator is expressed per single invoiced quantities. Note: the water intensity indicator is calculated only for the Aptar sites located in the water stressed areas and where we identified water consumption.

Submit your response

In which language are you submitting your response?

English

Please confirm how your response should be handled by CDP

	I am submitting to	Public or Non-Public Submission	Are you ready to submit the additional Supply Chain Questions?
I am submitting my response	Customers	Public	<Not Applicable>

Please confirm below

I have read and accept the applicable Terms