

W0. Introduction

W0.1

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

Aptar is a global leader in the design and manufacturing of a broad range of drug delivery, consumer product dispensing, and active material science solutions and services. Aptar's innovative solutions and services serve a variety of end markets including pharmaceutical, beauty, personal care, home care, food and beverage. Using insights, proprietary design, engineering and science to create dispensing, dosing and protective technologies for many of the world's leading brands, Aptar in turn makes a meaningful difference in the lives, looks, health and homes of millions of patients and consumers around the world. Aptar is headquartered in Crystal Lake, Illinois and has approximately 13,000 dedicated employees in 20 different countries. For more information, visit [www.aptar.com](http://www.aptar.com).

We have manufacturing facilities located throughout the world 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 5% of our 2021 Net Sales.

Consumers' preference for convenience and product differentiation through drug delivery and packaging design and function are important to our customers and they have converted many of their packages from non-dispensing formats to dispensing systems that offer enhanced shelf appeal, convenience, cleanliness and accuracy of dosage. We design our products with both people and the environment in mind. Many of our product solutions for the beauty, personal care, homecare, food and beverage markets are recyclable, reusable or made with recycled content. We partner with our customers by providing innovative delivery systems and a suite of comprehensive services to help them succeed.

While we offer a wide variety of services and products, our primary products are dispensing pumps, closures, aerosol valves, elastomeric primary packaging components, active material science solutions and digital health solutions.

- 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 with pharmaceutical products and perfume 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 that 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 metered dose valves, with the balance being bag-on valve and continuous spray 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.
- We provide active material science solutions using our platform technology to maintain container closure integrity, extend shelf-life, control moisture and protect drug products from overall environmental exposures and degradations.
- The digital health solutions aim to improve patients' treatment experience and outcomes. We leverage connected devices, diagnostic and digital therapeutics tools that support patients to manage their disease as well as enabling care teams to remotely monitor the health of the patients when needed. Available as standalone or as a fully integrated offering in our existing range of drug delivery solutions, we have digital health solutions covering a wide range of therapeutic areas including, but not limited to, pulmonary, oncology, diabetes, immunology, and neurology.

During 2021 and 2020, we acquired several companies, including the following business combinations and asset purchases:

- September - November 2021 – We acquired 100% of the share capital of Voluntis S.A. ("Voluntis") for approximately \$89.7 million (net of \$3.8 million of cash acquired).
- August 2021 – We acquired 80% of the equity interests in Weihai Hengyu Medical Products Co., Ltd. ("Hengyu") for approximately \$53.8 million (net of \$6.0 million of cash acquired).
- October 2020 – We acquired the assets of Cohero Health, Inc. ("Cohero Health") for approximately \$2.4 million.
- April 2020 – We acquired 100% of the equity interests of Fusion Packaging, Inc. ("Fusion") for cash paid at close of approximately \$163.8 million (net of \$1.0 million of cash acquired) and contingent consideration liability due to sellers related to earn-out.
- **September 2022 - Aptar acquired Metaphase Design Group, Inc., a leader in applying the science of human factors engineering and ergonomics to product design.**

During 2021 and 2020, we made several equity investments in which our interests do not exceed 49% share.

W0.2

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

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

W0.3

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

- Argentina
- Brazil
- China
- Colombia
- Czechia
- France
- Germany
- India
- Indonesia
- Italy
- Mexico
- Russian Federation
- Spain
- 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

**W0.7**

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

Indicate whether you are able to provide a unique identifier for your organization.	Provide your unique identifier
Yes, an ISIN code	US0383361039

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

	% of sites/facilities/operations	Frequency of measurement	Method of measurement	Please explain
Water withdrawals – total volumes	100%	Monthly	The method of water data collection is based on primary data check from the water meter in our operations	Our response in this row relates to our different geographic operations. Aptar monitors total volumes of water withdrawals from operations, sales offices, warehouses and corporate offices. The frequency of water data collection is monthly 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%	Monthly	The method of water data collection is based on primary data check from the water meter in our operations.	Aptar monitors volumes by source in all operations, sales offices, warehouses and corporate offices. The frequency of water data collection is monthly 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 and/or coal sector activities - total volumes [only metals and mining and coal sectors]	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Produced water associated with your oil & gas sector activities - total volumes [only oil and gas sector]	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Water withdrawals quality	Not relevant	<Not Applicable>	<Not Applicable>	For the use of water in our core processes (cooling moulds) 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. For the majority of our operations, water is not directly in contact with Aptar's products and it is not an ingredient for our processes but considering anodizing process (only 2/59 Aptar sites) by the nature of the process the water withdrawal quality is not vital and we do not anticipate changes into processes for the next 0-3 years.
Water discharges – total volumes	100%	Monthly	The method of water data collection is based on primary data check from the water meter in our operations.	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.
Water discharges – volumes by destination	100%	Monthly	The method of water data collection is based on primary data check from the water meter in our operations.	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.
Water discharges – volumes by treatment method	100%	Monthly	The method of water data collection is based on primary data check from the water meter in our operations.	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.
Water discharge quality – by standard effluent parameters	76-99	Yearly	The method of sample is in compliance with ISO standard in order to analyze thresholds for PH, BOD, TSS and other pollutants as defined in the local permissions and licenses.	80% of our plants are closing monitoring about the water discharged quality in alignment with operating permits. The frequency of data collection is at least yearly (in compliance with local regulation). The remaining 20% of sites do not have operating permits because the nature of their activities (e.g. sales offices, warehouse, corporate offices) do not require operating permits.
Water discharge quality – emissions to water (nitrates, phosphates, pesticides, and/or other priority substances)	76-99	Yearly	The method of sample is in compliance with ISO standard in order to analyze thresholds for PH, BOD, TSS and other pollutants as defined in the local permissions and licenses.	80% of our plants are closing monitoring about the water discharged quality in alignment with operating permits. The frequency of data collection is at least yearly (in compliance with local regulation). The remaining 20% of sites do not have operating permits because the nature of their activities (e.g. sales offices, warehouse, corporate offices) do not require operating permits. Please note that only few sites are monitoring nitrates, the major part of the sites are monitoring parameters in compliance with regulatory aspects that are not considering phosphates, pesticides and other EU substances listed because our process is not generating these type of substances.
Water discharge quality – temperature	76-99	Yearly	The method of sample is in compliance with ISO standard in order to analyze thresholds for temperature as defined in the local permissions and licenses.	80% of our plants are closing monitoring about the water discharged quality (temperature) in alignment with operating permits. The frequency of data collection is at least yearly (in compliance with local regulation). The remaining 20% of sites do not have operating permits because the nature of their activities (e.g. sales offices, warehouse, corporate offices) do not require operating permits.
Water consumption – total volume	100%	Monthly	The method of water data collection is based on primary data check from the water meter in our operations.	Aptar monitors total volumes of water consumed in all operations, sales offices, warehouses and corporate offices. Each user upload data in internal software that calculate KPIs for water consumed. The frequency of water data collection is monthly based on water invoices from water supplier.
Water recycled/reused	76-99	Monthly	The method of water data collection is based on primary data check from the water meter in our operations and assumptions/estimations in case primary data not available.	The recycle of water is completed only in the anodizing process (2/59 sites) where the wastewater in output is treated in the appropriate depurator system before to recycle it into internal processes. More in accuracy, these 2 sites are recycling about 75% of the total water. Other sites in total are reusing water 99% thanks to closed loop system (for cooling system).
The provision of fully-functioning, safely managed WASH services to all workers	100%	Monthly	Aptar implemented a global EHS&S policy and management system	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) What are the total volumes of water withdrawn, discharged, and consumed across all your operations, how do they compare to the previous reporting year, and how are they forecasted to change?**

	Volume (megaliters/year)	Comparison with previous reporting year	Primary reason for comparison with previous reporting year	Five-year forecast	Primary reason for forecast	Please explain
Total withdrawals	3914	Lower	Increase/decrease in business activity	Lower	Investment in water-smart technology/process	Our water withdrawals are decreasing due to the implementation of our water stewardship programs and training. In the next five years, Aptar expects our water withdrawals to continue decrease as we implement more water saving measures and training.  Annual water risk assessments aid in short and long-term business planning, and support our Water Roadmap to ensure an effective water stewardship strategy. Through our water risk assessment, we identified four sites we found to be at high physical risk. These water-scarce sites are developing contingency plans in case local water supplies fall below the level needed to maintain operations. We have provided training with examples of actions site leaders can take to reduce water consumption, to help reduce water risks at all of our sites, and to help measure, monitor, and report on their water use. We believe that now is the time to act and plan to address potential water risks and stay ahead of risk and potential legislation in this area.
Total discharges	3806	Lower	Increase/decrease in business activity	Lower	Investment in water-smart technology/process	Water discharge is expected to decrease as consumption and withdrawal is expected to decrease. Our risk assessment has identified water-scarce sites that are developing contingency plans in case local water supplies fall below the level needed to maintain operations. We have provided training with examples of actions site leaders can take to reduce water consumption, to help reduce water risks at all of our sites, and to help measure, monitor, and report on their water use.
Total consumption	108	Lower	Increase/decrease in business activity	Lower	Investment in water-smart technology/process	Water consumption is calculated by subtracting water discharged from water withdrawn, as reported by all Aptar sites on a monthly basis into our EHStar system. In 2022, we realized a 0.5% reduction in water consumption as compared to 2021. In 2023 we have increased our focus on water risk by improving the training we provide to site leaders as well as the information we are tracking per each site.

**W1.2d**

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

	Withdrawals are from areas with water stress	% withdrawn from areas with water stress	Comparison with previous reporting year	Primary reason for comparison with previous reporting year	Five-year forecast	Primary reason for forecast	Identification tool	Please explain
Row 1	Yes	Less than 1%	About the same	Increase/decrease in business activity	Lower	Investment in water-smart technology/process	WWF Water Risk Filter	We applied WWF Water Risk Filter Tool and GDP recommendation to use this tool to identify water stressed areas. According to CDP, 'water stressed' areas are the basins where their risk score for "Water Scarcity" risk category is equal to/greater than 3 (the risk scores range from 1 to 5). The risk category "Water Scarcity" refers to the physical abundance or lack of freshwater resources. It is a comprehensive and robust metric as it integrates a total of 7 best available and peer-reviewed datasets covering different aspects of water scarcity as well as different modelling approaches: aridity index, water depletion, baseline water stress, blue water scarcity, available water remaining, drought frequency probability, and projected change in drought occurrence.  Aptar operates 59 sites of which 47 manufacturing facilities in 18 countries (all included in WWF Water Risk Filter Tool). We checked all facilities worldwide by location and address. We have 4 facilities out of total 59 facilities (<1% from total water withdrawal) identified as water stressed areas since they were scored as equal to/greater than 3 for "Water Scarcity" risk category.  In 2022, our water withdrawn from areas with water stress is about the same compared to last year (2021).

**W1.2h**

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

	Relevance	Volume (megaliters/year)	Comparison with previous reporting year	Primary reason for comparison with previous reporting year	Please explain
Fresh surface water, including rainwater, water from wetlands, rivers, and lakes	Relevant	2910	Lower	Increase/decrease in business activity	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 (from rivers near the plants). In 2022 we decreased withdrawn due to business activity fluctuation. Aptar operations are not water intensive, thanks to the utilization of closed loop systems, and anodizing is the most water intensive process we participate in.
Brackish surface water/Seawater	Not relevant	<Not Applicable>	<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	65	Higher	Increase/decrease in business activity	The groundwater renewable source is relevant because in some of our Beauty and Home operation the cooling system for injection molding is strictly based on this water source. For reporting year 2022 the groundwater/renewable increased due to business activity fluctuations.
Groundwater – non-renewable	Relevant	95	Lower	Increase/decrease in business activity	The groundwater non-renewable source is relevant because in some of our Beauty and Home operation the cooling system for injection molding is strictly based on this water source. For reporting year 2022 the value is lower due to business activity fluctuations.
Produced/Entrained water	Not relevant	<Not Applicable>	<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	884	Higher	Increase/decrease in business activity	The third party sources withdrawn is relevant because in the major part of our operations we have water withdrawn from municipal source. It is used not only for the processes but also for the employees. In this reporting year, due to the business activity fluctuation, we increased the total amount of water withdrawal from third party source compared to the previous year. Third party sources are based on municipal supplier and <1% of sites (4/59) are located in water stress area as per results of analysis with WWF Risk Filter tool

W1.2i

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

	Relevance	Volume (megaliters/year)	Comparison with previous reporting year	Primary reason for comparison with previous reporting year	Please explain
Fresh surface water	Relevant	2988	Lower	Increase/decrease in business activity	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 to be the same considering market demands for molded components. In 2022 we decreased discharge due to business activity fluctuations.
Brackish surface water/seawater	Not relevant	<Not Applicable>	<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	22	Higher	Increase/decrease in business activity	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. Volumes or water from this source is based on estimation and calculation model. In 2022 we increased discharge due to business activity fluctuations.
Third-party destinations	Relevant	797	Lower	Increase/decrease in business activity	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 water discharged third party destinations is lower respect previous reporting year due to business activity fluctuations. 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

W1.2j

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

	Relevance of treatment level to discharge	Volume (megaliters/year)	Comparison of treated volume with previous reporting year	Primary reason for comparison with previous reporting year	% of your sites/facilities/operations this volume applies to	Please explain
Tertiary treatment	Relevant	163	This is our first year of measurement	Change in accounting methodology	1-10	Aptar, during reporting year 2022, launched a water questionnaire focused on the mapping of water uses and water treatments. From this questionnaire we have identified 5% of sites with tertiary treatment of discharged water. The treatment is necessary for some of our injection molding and anodizing sites. In the workshop area we have wastewater (including acids and chemical agents) produced by washing molds activities. In addition, also in our anodizing sites we have wastewater produced by special chemical treatments into the washing tanks. To be compliance with local regulatory aspects (e.g. to preserve marine biodiversity, quality of water etc...) we have implemented equipment for water treatment to remove suspended, colloidal and dissolved constituents (nutrients, heavy metals, inorganic and other contaminants). Our sites are respecting specific water regulatory standard (local environmental law by authorities). This is the first reporting year on which we are providing this info with dedicated survey. The future trends of these volumes will be very similar, so, no significant increase or decrease are expected. The thresholds much higher and much lower are based on the gap > +/- 30%
Secondary treatment	Relevant	2	This is our first year of measurement	Change in accounting methodology	Less than 1%	Aptar, during reporting year 2022, launched a water questionnaire focused on the mapping of water uses and water treatments. From this questionnaire we have identified 5% of sites with secondary treatment of discharged water. The treatment is necessary for some of our injection molding and anodizing sites. In the workshop area we have wastewater (including acids and chemical agents) produced by washing molds activities. In addition, also in our anodizing sites we have wastewater produced by special chemical treatments into the washing tanks. To be compliance with local regulatory aspects (e.g. to preserve marine biodiversity, quality of water etc...) we have implemented equipment for water treatment to remove suspended, colloidal and dissolved constituents (nutrients, heavy metals, inorganic and other contaminants). Our sites are respecting specific water regulatory standard (local environmental law by authorities). This is the first reporting year on which we are providing this info with dedicated survey. The future trends of these volumes will be very similar, so, no significant increase or decrease are expected. The thresholds much higher and much lower are based on the gap > +/- 30%
Primary treatment only	Relevant	119	This is our first year of measurement	Change in accounting methodology	1-10	Aptar, during reporting year 2022, launched a water questionnaire focused on the mapping of water uses and water treatments. From this questionnaire we have identified 5% of sites with primary treatment of discharged water. The treatment is necessary for some of our injection molding and anodizing sites. In the workshop area we have wastewater (including acids and chemical agents) produced by washing molds activities. In addition, also in our anodizing sites we have wastewater produced by special chemical treatments into the washing tanks. To be compliance with local regulatory aspects (e.g. to preserve marine biodiversity, quality of water etc...) we have implemented equipment for water treatment to remove suspended, colloidal and dissolved constituents (nutrients, heavy metals, inorganic and other contaminants). Our sites are respecting specific water regulatory standard (local environmental law by authorities). This is the first reporting year on which we are providing this info with dedicated survey. The future trends of these volumes will be very similar, so, no significant increase or decrease are expected. The thresholds much higher and much lower are based on the gap > +/- 30%
Discharge to the natural environment without treatment	Relevant	3018	This is our first year of measurement	Change in accounting methodology	1-10	Aptar, during reporting year 2022, launched a water questionnaire focused on the mapping of water uses and water treatments. Aptar identified 5% of sites discharge to the natural environment without treatment. The treatment is not necessary because the wastewater do not present chemical agents or substances that could damage marine biodiversity and/or quality of water. Our sites are respecting specific water regulatory standard (local environmental law by authorities). The quantity reported in one specific site located near the river this year decreased due to market fluctuation (less use of injection molding activities with less use of water to cooling molds). The future trends of these volumes will be very similar, so, no significant increase or decrease are expected. The thresholds much higher and much lower are based on the gap > +/- 30%
Discharge to a third party without treatment	Relevant	504	This is our first year of measurement	Change in accounting methodology	81-90	Aptar, during reporting year 2022, launched a water questionnaire focused on the mapping of water uses and water treatments. Aptar identified 81% of sites discharge to a third party water without treatment. The treatment is not necessary because the wastewater do not present chemical agents or substances that could damage marine biodiversity and/or quality of water. Our sites are respecting specific water regulatory standard (local environmental law by authorities). The quantity reported in this year decreased due to market fluctuation (less use of injection molding activities with less use of water to cooling molds) and some sites were closed. The future trends of these volumes will be very similar, so, no significant increase or decrease are expected. Finally, we can assume that the highest level of treatment the third party applies is tertiary treatment. The thresholds much higher and much lower are based on the gap > +/- 30%
Other	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>	Aptar has not identified other particular treatment typologies for its discharge water

W1.2k

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

	Emissions to water in the reporting year (metric tonnes)	Category(ies) of substances included	List the specific substances included	Please explain
Row 1	0	Priority substances listed under the EU Water Framework Directive	Cadmium Nickel Lead	The total amount of pollutants mapped are 0.000464 tons, emitted from the auxiliaries process in one of our site located in France (no water stressed areas or vulnerable communities).

W1.3

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

	Revenue	Total water withdrawal volume (megaliters)	Total water withdrawal efficiency	Anticipated forward trend
Row 1	3300000 000	3914	843127.23556464	We anticipate that Aptar revenue will increase in the next 5 years and, at the same time, is expected that our water withdrawal will decrease thanks to the implementation of water conservation measures in our operations,so, the future trend of this KPI will improve.

**W1.4**

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

	Products contain hazardous substances	Comment
Row 1	No	Aptar produces plastic packaging, the raw materials used in our processes are not classified as compounds exhibiting intrinsically negative properties such as being persistent, bioaccumulative and toxic (PBT), very persistent and very bioaccumulative (vPvB), carcinogenic, mutagenic and toxic for reproduction (CMR), or endocrine disruptors (ED) (ZDHC, 2022).

**W1.5**

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

	Engagement	Primary reason for no engagement	Please explain
Suppliers	Yes	<Not Applicable>	<Not Applicable>
Other value chain partners (e.g., customers)	No	We are planning to do so within the next two years	Aptar products are not requiring water intensive uses but our ecodesign approach and efforts are supporting new customer request that can be concentrated in new solutions that can fit full packaging and bulk formulation less water uses.

**W1.5a**

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

**Row 1**

**Assessment of supplier impact**

Yes, we assess the impact of our suppliers

**Considered in assessment**

- Supplier dependence on water
- Supplier impacts on water availability
- Supplier impacts on water quality
- Procurement spend

**Number of suppliers identified as having a substantive impact**

30

**% of total suppliers identified as having a substantive impact**

1-25

**Please explain**

The approach used to evaluate the impact on water security is based on the identification of plastic raw materials vendors (resin commodity and resin technical) that are representing the main critical input for our finished products. The substantive impact of plastic resin suppliers is based on the fact that if our upstream value chain has a water-related problem (water scarcity, water quality and water drought), Aptar can risk a business interruption related to the missing of plastic raw materials (about 80-85% of our products bill of material). Please note that the substantive impact is estimated to be strictly related to the water stressed areas on which our suppliers has operations. We have identified 30 plastic raw material vendors that are representing about 8% of total suppliers. The impact analysis has been based on the CDP's Water Watch tool, used to analyze and assess the potential impact of different business activities in our supply chain on water.

**W1.5b**

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

	Suppliers have to meet specific water-related requirements	Comment
Row 1	Yes, suppliers have to meet water-related requirements, but they are not included in our supplier contracts	<Not Applicable>

**W1.5c**

**(W1.5c) Provide details of the water-related requirements that suppliers have to meet as part of your organization’s purchasing process, and the compliance measures in place.**

**Water-related requirement**

Reducing total water withdrawal volumes

**% of suppliers with a substantive impact required to comply with this water-related requirement**

26-50

**% of suppliers with a substantive impact in compliance with this water-related requirement**

100%

**Mechanisms for monitoring compliance with this water-related requirement**

Supplier self-assessment  
Supplier scorecard or rating

**Response to supplier non-compliance with this water-related requirement**

Retain and engage

**Comment**

Aptar develops the Sustainable Purchasing Charter, it outlines the expectations that we have for a partnership with our suppliers based on fair dealing, honesty and mutual respect of environment and natural resources. Compliance with this Charter is a prerequisite for consideration and a requirement for a commercial relationship with Aptar. Aptar expects its suppliers to comply with local requirements in terms of environment and sustainable development and more particularly comply with water-related regulatory framework.

Our supplier engagement strategy is based around information collection related to the water consumption and water management thanks to the use of Ecovadis program. In 2023, water volumes withdrawn are assessed for reduction opportunities.

The coverage of this target prioritizes vendors engagement to “key suppliers” monitoring key KPIs that will help Aptar to analyze suppliers which will maximize the water management and consumption.

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**W1.5d**

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

**Type of engagement**

Information collection

**Details of engagement**

Collect water management information at least annually from suppliers

Collect water quality information at least annually from suppliers (e.g., discharge quality, pollution incidents, hazardous substances)

**% of suppliers by number**

26-50

**% of suppliers with a substantive impact**

100%

**Rationale for your engagement**

During year 2023 Aptar started the investigation of the new road map on the Biodiversity, so, this journey will define engagement procedures and suppliers relationship focused on the freshwater management and water quality information understanding the pressure and the impact of upstream value chain to the nature ecosystem. The final goal is to define engagement strategy with Aptar top plastic resin suppliers to reduce and eliminate negative impacts on water security across supply chain.

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

The main beneficial water-related outcomes expected from this engagement activity is based on natural ecosystem protection (or restoration) based on the water quality information and impact (e.g. discharge quality, pollution incidents, hazardous substances).

We planned to measure the success of this action through dedicated tools and reporting platforms (like CPD Supply Chain module) that will help our monitoring process in real time ensuring good relationship with our value chain for the implementation of corrective actions.

**Comment**

The approach described in this section is under development and will be implemented during next reporting years.

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**W2. Business impacts**

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**W2.1**

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

No

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**W2.2**

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

	Water-related regulatory violations	Fines, enforcement orders, and/or other penalties	Comment
Row 1	No	<Not Applicable>	No water-related regulatory violations during the reporting year.



### W3. Procedures

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#### W3.1

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

	Identification and classification of potential water pollutants	How potential water pollutants are identified and classified	Please explain
Row 1	Yes, we identify and classify our potential water pollutants	Aptar generates water pollutants in discharged wastewater from direct processes related to the washing of molds in maintenance area (use of chemicals), rainwater and industrial water from cooling tower and compressors. Each operation is monitoring pollutants in compliance with local regulatory standard and the classification is based on the local regulatory requirements. The frequency of monitoring is defined by licenses and authorization for wastewater (defined by regulatory framework) and the sample methods are in alignment with national and international standard (e.g. ISO 15705:2002 for the chemical oxygen request). Please note that the pollutants threshold is defined in each regulatory framework on which Aptar site is based.	<Not Applicable>

#### W3.1a

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

**Water pollutant category**

Other nutrients and oxygen demanding pollutants

**Description of water pollutant and potential impacts**

Wastewater discharged is produced by the molding cooling system and internal wastewater plant used for the washing molds activities. The water pollutant is based on the Biochemical Oxygen Demand (BOD) and Chemical Oxygen Demand (COD), both estimates the total quantity of organic material non-biodegradable in a certain amount of wastewater. When the concentration of pollutants becomes too high and prevents water-air exchanges, the oxygen demand is excessive and the amount of this gas decreases until it disappears. There is a progressive destruction of aquatic fauna and flora, and self-purification is no longer possible. Aerobic bacteria are replaced by anaerobic bacteria, which do not need oxygen, but produce harmful substances such as methane, ammonia and hydrogen sulfide, which give water very unpleasant odors. Pollution can occur in surface water (streams, rivers, lakes, lagoons, the sea, etc.) or in groundwater (surface and deep aquifers). Please note that these pollutants are not candidate list of REACH regulation

**Value chain stage**

Direct operations

**Actions and procedures to minimize adverse impacts**

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

Upgrading of process equipment/methods

Procedure(s) under development/ R&D

**Please explain**

Aptar operations implemented internal EHS procedures for the monitoring of water pollutants parameters in compliance with regulatory framework and regular wastewater analysis are planned with external laboratory. Dedicated maintenance activities is planned for the operations that are using wastewater treatment plant ensuring the proper functioning

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**Water pollutant category**

Inorganic pollutants

**Description of water pollutant and potential impacts**

Wastewater discharged is produced by the molding cooling system and internal wastewater plant used for the washing molds activities. The water pollutant is based on the Total Suspended Solid (TSS).

Total suspended solids (TSS for short) are particles larger than 2 microns that are found in water. Most suspended solids consist of inorganic materials, but bacteria and algae can also contribute to water quality. Water can contain sediment, silt and sand up to plankton and algae. Organic particles from decomposing materials can also contribute to TSS concentrations. When algae, plants and animals decompose, small organic particles are released in the decomposition process and enter the water column as suspended solids. The more solids in the water, the more cloudy the water. Some suspended matter may settle as sediment on the bottom of a body of water. This makes the water clear.

High levels of suspended solids in drinking water or wastewater can have an impact on both the environment and human health:

- Gastrointestinal problems or even death.
- TSS can reduce the natural oxygen content dissolved in the water and increase the water temperature, making it impossible for small fish to survive.
- TSS can also block sunlight, which affects plant survival.

Please note that these pollutants are not candidate list of REACH regulation

**Value chain stage**

Direct operations

**Actions and procedures to minimize adverse impacts**

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

Upgrading of process equipment/methods

Procedure(s) under development/ R&D

**Please explain**

Aptar operations implemented internal EHS procedures for the monitoring of water pollutants parameters in compliance with regulatory framework and regular wastewater analysis are planned with external laboratory. Dedicated maintenance activities is planned for the operations that are using wastewater treatment plant ensuring the proper functioning

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**W3.3**

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

Yes, water-related risks are assessed

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**W3.3a**

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

**Value chain stage**

Direct operations

**Coverage**

Full

**Risk assessment procedure**

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

**Frequency of assessment**

Annually

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

More than 6 years

**Type of tools and methods used**

Tools on the market

**Tools and methods used**

WWF Water Risk Filter

**Contextual issues considered**

Water availability at a basin/catchment level

Water quality at a basin/catchment level

Water regulatory frameworks

Status of ecosystems and habitats

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

**Stakeholders considered**

Customers

Employees

Investors

Local communities

NGOs

Regulators

Suppliers

Water utilities at a local level

**Comment**

We applied WWF Water Risk Filter Tool and CDP recommendation to use this tool to identify water stressed areas.

According to CDP, 'water stressed' areas are the basins where their risk score for "Water Scarcity" risk category is equal to/greater than 3 (the risk scores range from 1 to 5). The risk category "Water Scarcity" refers to the physical abundance or lack of freshwater resources. It is a comprehensive and robust metric as it integrates a total of 7 best available and peer-reviewed datasets covering different aspects of water scarcity as well as different modelling approaches: aridity index, water depletion, baseline water stress, blue water scarcity, available water remaining, drought frequency probability, and projected change in drought occurrence.

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**Value chain stage**

Supply chain

**Coverage**

Partial

**Risk assessment procedure**

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

**Frequency of assessment**

Annually

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

More than 6 years

**Type of tools and methods used**

Tools on the market

**Tools and methods used**

EcoVadis

Other, please specify (CDP Water Watch )

**Contextual issues considered**

Implications of water on your key commodities/raw materials

Water regulatory frameworks

Other, please specify (Water consumption in our vendors operations and activities)

**Stakeholders considered**

Suppliers

**Comment**

Through EcoVadis, 396 of our suppliers have been assessed on environmental topics. In 2023, through a combination of on-site, remote and self audits, more than 50 suppliers were audited on environmental, energy, sustainability, and water related topics. Water volumes withdrawn are assessed for reduction opportunities. These audits are in addition to scheduled quality audits. Additionally, through the EcoVadis program, data on social and environmental topics are collected from our key suppliers. For environmental topics, 82% of our suppliers evaluated by EcoVadis score 50/100 or higher on environmental topics.

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**W3.3b**

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

	Rationale for approach to risk assessment	Explanation of contextual issues considered	Explanation of stakeholders considered	Decision-making process for risk response
Row 1	<p>Water-related risks are assessed for all facilities of all locations as part of our Enterprise Risk Management (ERM) Processes. These processes are based on TCFD Framework.</p> <p>WWF Water Risk Filter Tool was also applied to assess the water stress at basin level. We checked all facilities worldwide by location and address. Four facilities out of total 59 facilities (1% from total water withdrawal) identified as water stressed areas since they were scored as equal to/greater than 3 for "Water Scarcity" risk category.</p> <p>Supply chain risk coverage is only partial and are included in internal decision.</p>	<p>1. Implications of water on our key commodities/raw materials: Water availability is important for us since we use it for injection molding cooling and anodizing processes, and as well as for drinking and hygiene purposes is provided to our employees. Any interruption in supplying water can potentially interrupt our production process. We are aware of predicted water related risks such as water scarcity specific to individual geographies and industries relevant to our supply chain. Therefore, any potential risks related to water availability and quality are monitored and assessed.</p> <p>2. Water regulatory frameworks: Non compliance with local, national, and regional water and wastewater regulations can increase our direct operation cost. It not only would potentially increase our costs through increased charges and fines but also it can lead to a conflict with our water authorities and local communities. Therefore, we monitor and assess water-related regulatory risks.</p> <p>3. Access to fully-functioning, safely managed WASH services for all employees: AptarGroup respects the Universal Declaration of Human Rights and the human right to water and sanitation is acknowledged that clean drinking water and sanitation are essential to the realisation of all human rights. All our facilities provide fully functioning WASH services for all workers. Furthermore, canteens are provided in our larger facilities for our employees</p>	<p>Employees: the satisfaction of employee is very important for Aptar, and it is measured by online and paper-based surveys. Fresh water for drinking purposes is provided to our employees and therefore its high quality and safety is important. Therefore, any water-related risks with potential impact on our employees' health and safety are monitored and assessed.</p> <p>Local communities: it is very important for us to have a positive impact on the local community in terms of social, economic, and environmental. To avoid competing/conflict with local communities in water consumption and protect water resources and aquatic ecosystems from wastewater issues, we regularly assess and monitor any water related risks in respect to local communities and local media coverage.</p> <p>Suppliers: shortage of water for our suppliers could disrupt our operations and have a serious negative impact on the viability of our business. We define "supplier failure" as a risk category in our Risk Management System and monitor and assess the risk regularly.</p> <p>Water utilities at a local level: to avoid non compliance with local water and wastewater regulations we align with obligations and monitor and assess our engagement with local water and wastewater authority.</p>	<p>Outcomes of risk analysis are used to identify priorities about water management and to develop water road map in support to our global sustainability strategy. The communication process is based through Regionals and local site with EHS manager to find and to implement solutions to optimize water management and consumptions.</p> <p>Ecovadis is used to evaluate water risks in our supply chain by requesting water consumption and risk information from our suppliers. We will the use this to inform our water strategy across our supply chain.</p>

**W4. Risks and opportunities**

**W4.1**

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

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	4	1-25	We applied WWF Water Risk Filter Tool and CDP recommendation to use this tool to identify water stressed areas. According to CDP, 'water stressed' areas are the basins where their risk score for "Water Scarcity" risk category is equal to/greater than 3 (the risk scores range from 1 to 5). Percentage 7% is calculated considering 59 sites of which 47 manufacturing operations.

**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**

Spain	Other, please specify (Mediterranean Sea)
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**Number of facilities exposed to water risk**

**% company-wide facilities this represents**

1-25

**Production value for the metals & mining activities associated with these facilities**

&lt;Not Applicable&gt;

**% company's annual electricity generation that could be affected by these facilities**

&lt;Not Applicable&gt;

**% company's global oil & gas production volume that could be affected by these facilities**

&lt;Not Applicable&gt;

**% company's total global revenue that could be affected**

1-10

**Comment**

We have identified Aptar site in the Mediterrean Sea river basin that are impacted by water risks in our direct operations with the potential to have a substantive impact on our business. These sites manufacture closures with plastics sourced from our suppliers and are important for us because their continued functioning is key to ensuring business continuity at many of our B2B customers.

The percentage of our global revenue that could be affected is estimated and depends on a range of factors such as the impact type, magnitude and duration, as well as the unique nature of the knock-on impacts on our B2B customers from partial or full site closure.

The main risk driver is linked to the water scarcity (drought) with medium-high severity. Considering the nature of the risk, the main problem is related to the stop of injection molding cooling process that can have an impact on the overall business.

Potential financial impact has been estimated taking into consideration the average gross business interruption value for 2 weeks in sites located in water stressed areas.

**Country/Area & River basin**

Thailand	Other, please specify (Gulf of Thailand)
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**Number of facilities exposed to water risk**

1

**% company-wide facilities this represents**

1-25

**Production value for the metals & mining activities associated with these facilities**

&lt;Not Applicable&gt;

**% company's annual electricity generation that could be affected by these facilities**

&lt;Not Applicable&gt;

**% company's global oil & gas production volume that could be affected by these facilities**

&lt;Not Applicable&gt;

**% company's total global revenue that could be affected**

1-10

**Comment**

We have identified Aptar site in the Gulf of Thailand river basin that are impacted by water risks in our direct operations with the potential to have a substantive impact on our business. These sites manufacture closures with plastics sourced from our suppliers and are important for us because their continued functioning is key to ensuring business continuity at many of our B2B customers.

The percentage of our global revenue that could be affected is estimated and depends on a range of factors such as the impact type, magnitude and duration, as well as the unique nature of the knock-on impacts on our B2B customers from partial or full site closure.

The main risk driver is linked to the water scarcity (drought) with medium-high severity. Considering the nature of the risk, the main problem is related to the stop of injection molding cooling process that can have an impact on the overall business.

Potential financial impact has been estimated taking into consideration the average gross business interruption value for 2 weeks in sites located in water stressed areas.

**Country/Area & River basin**

India	Other, please specify (Bay of Bengal)
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**Number of facilities exposed to water risk**

1

**% company-wide facilities this represents**

1-25

**Production value for the metals & mining activities associated with these facilities**

&lt;Not Applicable&gt;

**% company's annual electricity generation that could be affected by these facilities**

&lt;Not Applicable&gt;

**% company's global oil & gas production volume that could be affected by these facilities**

&lt;Not Applicable&gt;

**% company's total global revenue that could be affected**

1-10

**Comment**

We have identified Aptar site in the Bay of Bengala river basin that are impacted by water risks in our direct operations with the potential to have a substantive impact on our business. These sites manufacture closures with plastics sourced from our suppliers and are important for us because their continued functioning is key to ensuring business continuity at many of our B2B customers.

The percentage of our global revenue that could be affected is estimated and depends on a range of factors such as the impact type, magnitude and duration, as well as the unique nature of the knock-on impacts on our B2B customers from partial or full site closure.

The main risk driver is linked to the water scarcity (drought) with medium-high severity. Considering the nature of the risk, the main problem is related to the stop of injection molding cooling process that can have an impact on the overall business.

Potential financial impact has been estimated taking into consideration the average gross business interruption value for 2 weeks in sites located in water stressed areas.

#### Country/Area & River basin

Mexico	Other, please specify (North Pacific)
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#### Number of facilities exposed to water risk

1

#### % 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

We have identified Aptar site in the North Pacific river basin that are impacted by water risks in our direct operations with the potential to have a substantive impact on our business. These sites manufacture closures with plastics sourced from our suppliers and are important for us because their continued functioning is key to ensuring business continuity at many of our B2B customers.

The percentage of our global revenue that could be affected is estimated and depends on a range of factors such as the impact type, magnitude and duration, as well as the unique nature of the knock-on impacts on our B2B customers from partial or full site closure.

The main risk driver is linked to the water scarcity (drought) with medium-high severity. Considering the nature of the risk, the main problem is related to the stop of injection molding cooling process that can have an impact on the overall business.

Potential financial impact has been estimated taking into consideration the average gross business interruption value for 2 weeks in sites located in water stressed areas.

## 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

Spain	Other, please specify (Mediterranean Sea)
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#### Type of risk & Primary risk driver

Acute physical	Drought
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#### Primary potential impact

Reduction or disruption in production capacity

#### Company-specific description

Aptar conducted water risk assessment with WWF Risk Filter 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 evaluated potential financial impact on areas where risk is in a range between medium-high and extremely high. We identified 4 Aptar sites that are located in water stress areas (1 site Spain, 1 site in Thailand, 1 site in India and 1 site in Mexico). Drought risk could lead to a temporary suspension (estimation max 2 weeks) of operations due to water scarcity because injection molding cooling processes requires water for cooling molds and periodic clean out of molds into the maintenance dept.

Furthermore, it is very unlikely that all 4 sites identified would have a water stress related issue at the same time, especially considering that they all have water contingency plans to ensure business continuity.

#### Timeframe

More than 6 years

#### Magnitude of potential impact

Medium-low

#### Likelihood

Exceptionally unlikely

#### Are you able to provide a potential financial impact figure?

Yes, a single figure estimate

#### Potential financial impact figure (currency)

196000

#### Potential financial impact figure - minimum (currency)

<Not Applicable>

**Potential financial impact figure - maximum (currency)**

<Not Applicable>

**Explanation of financial impact**

Potential financial impact has been estimated taking into consideration the average gross business interruption value for 2 weeks.

Calculation: \$14,000 x 14 days = \$196,000

**Primary response to risk**

Adopt water efficiency, water reuse, recycling and conservation practices

**Description of response**

As mitigation process, we have identified the optimization of water reuse system, recycling and conservation practices in our operations that conduct injection molding process. In addition we have planned regular maintenance of closed loop water system and review of water contingency plan (to manage residual risks).

The timeframe of this mitigation action is short term (in progress).

The primary response to risk has been evaluated very effective in order to prevent the risk identified, improving organization's resilience about water management. Water security level can be considered increased thanks to the adoption of systematic check of water conservation practices and water reuse system.

In addition, 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.

The water risk identified influenced our local financial planning at site level in terms of Capex allocation for water reuse and recycling system.

Finally, our operations leader received training focused on water stress topic, in fact this training was a focus activity in the earth week promotion into the past 2 reporting years.

**Cost of response**

25000

**Explanation of cost of response**

The cost is based on the optimization of a closed loop water system for plants in in order to increase water recycling level and decrease the volume of water leakages (consumed).

The cost has been calculated on technical quotation and timescale is mid-long term.

**Country/Area & River basin**

Mexico	Other, please specify (North Pacific)
--------	---------------------------------------

**Type of risk & Primary risk driver**

Acute physical	Drought
----------------	---------

**Primary potential impact**

Reduction or disruption in production capacity

**Company-specific description**

Aptar conducted water risk assessment with WWF Risk Filter 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 evaluated potential financial impact on areas where risk is in a range between medium-high and extremely high. We identified 4 Aptar sites that are located in water stress areas (1 site Spain, 1 site in Thailand, 1 site in India and 1 site in Mexico). Drought risk could lead to a temporary suspension (estimation max 2 weeks) of operations due to water scarcity because injection molding cooling processes requires water for cooling molds and periodic clean out of molds into the maintenance dpt.

Furthermore, it is very unlikely that all 4 sites identified would have a water stress related issue at the same time, especially considering that they all have water contingency plans to ensure business continuity.

**Timeframe**

More than 6 years

**Magnitude of potential impact**

Medium

**Likelihood**

Exceptionally unlikely

**Are you able to provide a potential financial impact figure?**

Yes, a single figure estimate

**Potential financial impact figure (currency)**

784576

**Potential financial impact figure - minimum (currency)**

<Not Applicable>

**Potential financial impact figure - maximum (currency)**

<Not Applicable>

**Explanation of financial impact**

Potential financial impact has been estimated taking into consideration the average gross business interruption value for 2 weeks.

Calculation: \$56,054 x 14 days = \$784,756

**Primary response to risk**

Adopt water efficiency, water reuse, recycling and conservation practices

**Description of response**

As mitigation process, we have identified the optimization of water reuse system, recycling and conservation practices in our operations that conduct injection molding process. In addition we have planned regular maintenance of closed loop water system and review of water contingency plan (to manage residual risks).

The timeframe of this mitigation action is short term (in progress).

The primary response to risk has been evaluated very effective in order to prevent the risk identified, improving organization's resilience about water management. Water security level can be considered increased thanks to the adoption of systematic check of water conservation practices and water reuse system.



In addition, 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. The water risk identified influenced our local financial planning at site level in terms of Capex allocation for water reuse and recycling system. Finally, our operations leader received training focused on water stress topic, in fact this training was a focus activity in the earth week promotion into the past 2 reporting years.

**Cost of response**

25000

**Explanation of cost of response**

The cost is based on the optimization of a closed loop water system for plants in in order to increase water recycling level and decrease the volume of water leakages (consumed).

The cost has been calculated on technical quotation and timescale is mid-long term.

**Country/Area & River basin**

India	Other, please specify (Bay of Bengal)
-------	---------------------------------------

**Type of risk & Primary risk driver**

Acute physical	Drought
----------------	---------

**Primary potential impact**

Reduction or disruption in production capacity

**Company-specific description**

Aptar conducted water risk assessment with WWF Risk Filter 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 evaluated potential financial impact on areas where risk is in a range between medium-high and extremely high. We identified 4 Aptar sites that are located in water stress areas (1 site Spain, 1 site in Thailand, 1 site in India and 1 site in Mexico). Drought risk could lead to a temporary suspension (estimation max 2 weeks) of operations due to water scarcity because injection molding cooling processes requires water for cooling molds and periodic clean out of molds into the maintenance dpt. Furthermore, it is very unlikely that all 4 sites identified would have a water stress related issue at the same time, especially considering that they all have water contingency plans to ensure business continuity.

**Timeframe**

More than 6 years

**Magnitude of potential impact**

Medium-high

**Likelihood**

Exceptionally unlikely

**Are you able to provide a potential financial impact figure?**

Yes, a single figure estimate

**Potential financial impact figure (currency)**

1120000

**Potential financial impact figure - minimum (currency)**

<Not Applicable>

**Potential financial impact figure - maximum (currency)**

<Not Applicable>

**Explanation of financial impact**

Potential financial impact has been estimated taking into consideration the average gross business interruption value for 2 weeks.

Calculation: \$80,000 x 14 days = \$1,120,000

**Primary response to risk**

Adopt water efficiency, water reuse, recycling and conservation practices

**Description of response**

As mitigation process, we have identified the optimization of water reuse system, recycling and conservation practices in our operations that conduct injection molding process. In addition we have planned regular maintenance of closed loop water system and review of water contingency plan (to manage residual risks).

The timeframe of this mitigation action is short term (in progress).

The primary response to risk has been evaluated very effective in order to prevent the risk identified, improving organization's resilience about water management. Water security level can be considered increased thanks to the adoption of systematic check of water conservation practices and water reuse system.

In addition, 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.

The water risk identified influenced our local financial planning at site level in terms of Capex allocation for water reuse and recycling system.

Finally, our operations leader received training focused on water stress topic, in fact this training was a focus activity in the earth week promotion into the past 2 reporting years.

**Cost of response**

25000

**Explanation of cost of response**

The cost is based on the optimization of a closed loop water system for plants in in order to increase water recycling level and decrease the volume of water leakages (consumed).

The cost has been calculated on technical quotation and timescale is mid-long term.

**Country/Area & River basin**

Thailand	Other, please specify (Gulf of Thailand)
----------	--

**Type of risk & Primary risk driver**

Acute physical	Drought
----------------	---------

**Primary potential impact**

Reduction or disruption in production capacity

**Company-specific description**

Aptar conducted water risk assessment with WWF Risk Filter 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 evaluated potential financial impact on areas where risk is in a range between medium-high and extremely high. We identified 4 Aptar sites that are located in water stress areas (1 site Spain, 1 site in Thailand, 1 site in India and 1 site in Mexico). Drought risk could lead to a temporary suspension (estimation max 2 weeks) of operations due to water scarcity because injection molding cooling processes requires water for cooling molds and periodic clean out of molds into the maintenance dept. Furthermore, it is very unlikely that all 4 sites identified would have a water stress related issue at the same time, especially considering that they all have water contingency plans to ensure business continuity.

**Timeframe**

More than 6 years

**Magnitude of potential impact**

Medium-low

**Likelihood**

Exceptionally unlikely

**Are you able to provide a potential financial impact figure?**

Yes, a single figure estimate

**Potential financial impact figure (currency)**

70000

**Potential financial impact figure - minimum (currency)**

<Not Applicable>

**Potential financial impact figure - maximum (currency)**

<Not Applicable>

**Explanation of financial impact**

Potential financial impact has been estimated taking into consideration the average gross business interruption value for 2 weeks. Calculation: \$5,000 x 14 days = \$70,000

**Primary response to risk**

Adopt water efficiency, water reuse, recycling and conservation practices

**Description of response**

As mitigation process, we have identified the optimization of water reuse system, recycling and conservation practices in our operations that conduct injection molding process. In addition we have planned regular maintenance of closed loop water system and review of water contingency plan (to manage residual risks). The timeframe of this mitigation action is short term (in progress). The primary response to risk has been evaluated very effective in order to prevent the risk identified, improving organization's resilience about water management. Water security level can be considered increased thanks to the adoption of systematic check of water conservation practices and water reuse system. In addition, 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. The water risk identified influenced our local financial planning at site level in terms of Capex allocation for water reuse and recycling system. Finally, our operations leader received training focused on water stress topic, in fact this training was a focus activity in the earth week promotion into the past 2 reporting years.

**Cost of response**

25000

**Explanation of cost of response**

The cost is based on the optimization of a closed loop water system for plants in in order to increase water recycling level and decrease the volume of water leakages (consumed). The cost has been calculated on technical quotation and timescale is mid-long 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	Risks exist, but no substantive impact anticipated	While we do collect information regarding water management and consumption from our suppliers, we believe that risks exist, but the severity rankings of water risk within the supply chain is not substantial. 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. Aptar defines a substantive financial or strategic impact as high level of severity, which is quantified with a financial impact of \$10 million or more.  Aptar has a highly complex supply chain with no majority spend focused on any one supplier, so, we have risks diversification strategy especially for the upstream value chain. For example, in the latest 2 years we are promoting the use of recycling materials (especially plastics) and the water related risk for the production of these recycling materials is very low because the mechanical recycling process avoid intensive water uses.

### W4.3

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**(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

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**(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 and can ensure water saving of 4.3 megaliters per month.

In the current year Aptar has taken investigation steps to realize the opportunity and is expected to realize the opportunity by 2026.

**Estimated timeframe for realization**

1 to 3 years

**Magnitude of potential financial impact**

Medium

**Are you able to provide a potential financial impact figure?**

Yes, a single figure estimate

**Potential financial impact figure (currency)**

120000

**Potential financial impact figure – minimum (currency)**

<Not Applicable>

**Potential financial impact figure – maximum (currency)**

<Not Applicable>

**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

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### W5. Facility-level water accounting

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#### W5.1

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**(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 Torello

**Country/Area & River basin**

Spain	Other, please specify (Mediterranean Sea)
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**Latitude**

42.052

**Longitude**

2.27

**Located in area with water stress**

Yes

**Primary power generation source for your electricity generation at this facility**

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<Not Applicable>

**Oil & gas sector business division**

<Not Applicable>

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

0.65

**Comparison of total withdrawals with previous reporting year**

Lower

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

0

**Withdrawals from brackish surface water/seawater**

0

**Withdrawals from groundwater - renewable**

0

**Withdrawals from groundwater - non-renewable**

0

**Withdrawals from produced/entrained water**

0

**Withdrawals from third party sources**

0.65

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

0.65

**Comparison of total discharges with previous reporting year**

Lower

**Discharges to fresh surface water**

0

**Discharges to brackish surface water/seawater**

0

**Discharges to groundwater**

0

**Discharges to third party destinations**

0.65

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

0

**Comparison of total consumption with previous reporting year**

About the same

**Please explain**

Aptar Torello has been confirmed for the reporting year into the list of water stressed areas emerged from the risk analysis with WWF Risk Filter Tool. The water consumption is neutral thanks to the use of closed loop system implemented to optimize the water consumption for the cooling of injection molding activities. Water withdrawn and water discharged has been lower respect previous year due to market fluctuations.

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**Facility reference number**

Facility 2

**Facility name (optional)**

Aptar Hyderabad

**Country/Area & River basin**

India	Other, please specify (Bay of Bengal)
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**Latitude**

17.566

**Longitude**

-1.561877

**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)**

2.3

**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

2.3

Total water discharges at this facility (megaliters/year)

2.3

Comparison of total discharges with previous reporting year

About the same

Discharges to fresh surface water

0

Discharges to brackish surface water/seawater

0

Discharges to groundwater

0

Discharges to third party destinations

2.3

Total water consumption at this facility (megaliters/year)

0

Comparison of total consumption with previous reporting year

About the same

Please explain

Aptar Hyderabad has been confirmed for the reporting year into the list of water stressed areas emerged from the risk analysis with WWF Risk Filter Tool. The water consumption is neutral thanks to the use of closed loop system implemented to optimize the water consumption for the cooling of injection molding activities. Water withdrawn and water discharged has been about the same respect previous year due to similar market fluctuations.

Facility reference number

Facility 3

Facility name (optional)

Aptar Queretaro

Country/Area & River basin

Mexico	Other, please specify (North Pacific)
--------	---------------------------------------

Latitude

20.561

Longitude

-100.26

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)

4.6

Comparison of total withdrawals with previous reporting year

Lower

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

0

Withdrawals from brackish surface water/seawater

0

Withdrawals from groundwater - renewable

0

Withdrawals from groundwater - non-renewable

0

**Withdrawals from produced/entrained water**

0

**Withdrawals from third party sources**

4.6

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

1.3

**Comparison of total discharges with previous reporting year**

Higher

**Discharges to fresh surface water**

0

**Discharges to brackish surface water/seawater**

0

**Discharges to groundwater**

0

**Discharges to third party destinations**

1.3

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

3.3

**Comparison of total consumption with previous reporting year**

Lower

**Please explain**

Aptar Queretaro has been confirmed for the reporting year into the list of water stressed areas emerged from the risk analysis with WWF Risk Filter Tool. The water consumption decreased respect previous year. The site is using a closed loop system implemented to optimize the water consumption for the cooling of injection molding activities.

Water withdrawn has been lower respect previous year due to market fluctuations.

**Facility reference number**

Facility 4

**Facility name (optional)**

Aptar Chonburi

**Country/Area & River basin**

Thailand	Other, please specify (Gulf of Thailand)
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**Latitude**

13.458

**Longitude**

101.046

**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)**

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**

7

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

6.9

**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**

6.9

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

0.1

**Comparison of total consumption with previous reporting year**

About the same

**Please explain**

Aptar Chonburi, as into the previous reporting year, is part of the list of water stressed areas emerged from the risk analysis with WWF Risk Filter Tool. The water consumption is about the same, the site is using a closed loop system implemented to optimize the water consumption for the cooling of injection molding activities.  
The absolute quantity of water withdrawal is about the same respect the previous reporting year due to no big market fluctuations.

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**W5.1a**

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

**Water withdrawals – total volumes**

**% verified**

76-100

**Verification standard used**

Aptar, also for this reporting year, included water accounting data into the energy data assurance process in compliance to ISO 14064-1. Data assurance for water data consisted on the third party audit about water data and source for each location involved into the verification process.

**Please explain**

<Not Applicable>

**Water withdrawals – volume by source**

**% verified**

76-100

**Verification standard used**

Aptar, also for this reporting year, included water accounting data into the energy data assurance process in compliance to ISO 14064-1. Data assurance for water data consisted on the third party audit about water data and source for each location involved into the verification process.

**Please explain**

<Not Applicable>

**Water withdrawals – quality by standard water quality parameters**

**% verified**

76-100

**Verification standard used**

All Aptar sites located in regions and countries respect applicable laws in terms of water management, so, even if the data assurance (ISO 14064-1) not included the verification of regulatory aspects about the quality of water withdrawals, our EHS policy and management system procedures include the verification of these parameters defined by local law. In addition, we have a third party EHS compliance audit program including water management aspects.

**Please explain**

<Not Applicable>

**Water discharges – total volumes**

**% verified**

76-100

**Verification standard used**

Aptar, also for this reporting year, included water accounting data into the energy data assurance process in compliance to ISO 14064-1. Data assurance for water data consisted on the third party audit about water data and source for each location involved into the verification process.

**Please explain**

<Not Applicable>

#### Water discharges – volume by destination

**% verified**

76-100

**Verification standard used**

Aptar from reporting year 2021 included water accounting data into the energy data assurance process in compliance to ISO 14064-1. Data assurance for water data consisted on the third party audit about water data and source for each location involved into the verification process.

**Please explain**

<Not Applicable>

#### Water discharges – volume by final treatment level

**% verified**

76-100

**Verification standard used**

Aptar, also for this reporting year, included water accounting data into the energy data assurance process in compliance to ISO 14064-1. Data assurance for water data consisted on the third party audit about water data and source for each location involved into the verification process.

**Please explain**

<Not Applicable>

#### Water discharges – quality by standard water quality parameters

**% verified**

76-100

**Verification standard used**

All Aptar sites located in regions and countries respect applicable laws in terms of water management, so, even if the data assurance (ISO 14064-1) not included the verification of regulatory aspects about the quality of water withdrawals, our EHS policy and management system procedures include the verification of these parameters defined by local law. In addition, we have a third party EHS compliance audit program including water management aspects.

**Please explain**

<Not Applicable>

#### Water consumption – total volume

**% verified**

76-100

**Verification standard used**

Aptar, also for this reporting year, included water accounting data into the energy data assurance process in compliance to ISO 14064-1. Data assurance for water data consisted on the third party audit about water data and source for each location involved into the verification process.

**Please explain**

<Not Applicable>

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## W6. Governance

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### W6.1

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

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

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#### W6.1a

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

	Scope	Content	Please explain
Row 1	Company-wide	<p>Description of business dependency on water</p> <p>Description of business impact on water</p> <p>Commitment to align with international frameworks, standards, and widely-recognized water initiatives</p> <p>Commitment to prevent, minimize, and control pollution</p> <p>Commitment to reduce or phase-out hazardous substances</p> <p>Commitment to reduce water withdrawal and/or consumption volumes in direct operations</p> <p>Commitment to reduce water withdrawal and/or consumption volumes in supply chain</p> <p>Commitment to safely managed Water, Sanitation and Hygiene (WASH) in the workplace</p> <p>Reference to company water-related targets</p> <p>Acknowledgement of the human right to water and sanitation</p> <p>Recognition of environmental linkages, for example, due to climate change</p>	<p>Our water policy is company-wide in scope as this reflects a commitment to global consistency in our approach to water security. Its purpose is to make clear our commitment internally, but also externally. It gives a description of our company's dependency on water to inform our colleagues of the importance of managing this precious resource and to motivate them to engage with our commitment to stewardship. Beyond the company, we affirm the human right to water &amp; sanitation &amp; health issues, and cite health and water-related public policy initiatives as these relate to our core aim as a healthcare company – improving human health. We are happy to be held accountable on this.</p> <p>We also highlight the impact climate change will have on future water availability at some of our sites, and as part of our water policy framework, we also make public our site-specific Water Stewardship Plans. We stress basin level innovation and stewardship as this can improve our efficiency and reduce risks for all users in the basin.</p> <p>Aptar processes are not water intensive, water is an auxiliary input for our operations, but at the same time we need to ensure business continuity avoiding risks related to the water scarcity and drought that could stop production due to damage for the cooling of the molds and anodizing activities. From value chain point of view, in the production of plastics, metals, rubbers the use of water is not intensive, but also here the water-related risk for scarcity and drought can generate business disruptions.</p> <p>About the business impact on the water, we have only 1% of our water withdrawal from water stressed areas and very low consumption in these areas thanks to the use of closed loop system in the sites with injection molding. In addition, from quality of water point of view, our discharge water is not hazardous for the marine ecosystem thanks to the use of wastewater treatment in compliance with EHS regulatory aspects. Finally, even if we have anodizing process in some of our operations (water intensive process), we are able to reuse up to 95% of wastewater. We defined corporate target on water consumption included operations in water stress areas.</p> <p>Aptar sustainability strategy is fully aligned to SDG, we are committed to increase awareness to water conservancy actions</p> <p>Aptar is fully aligned to promote actions and targets to reduce climate change impact also considering water consumption (Scope 3)</p>

**W6.2**

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

Yes

**W6.2a**

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

Position of individual or committee	Responsibilities for water-related issues
Chief Executive Officer (CEO)	<p>Aptar's President and Chief Executive Officer (CEO) supports and promotes the entire Aptar sustainability strategy including social, environmental and economic pillars. The CEO manages processes to incorporate the sustainability initiatives within business standards, rules, and guidelines. The CEO receives monthly updates on specific initiatives including progress on goals, targets, emerging sustainability trends, risks and opportunities surrounding material sustainability issues &amp; climate change and water. The CEO leads the Executive Committee to decide on strategic water-related decisions.</p> <p>The CEO also helps Aptar to remain a go-to thought leader in our industry by representing Aptar within organizations like the World Business Council for Sustainable Development. As example, the CEO has been involved into the Task Force for Climate Related Financial Disclosures (TCFDs) including water-related risks and analysis, and supported the integration of TCFDs into Aptar's Enterprise Risk Management process, which is managed within his organization.</p>
Chief Financial Officer (CFO)	<p>The Chief Financial Officer (CFO) oversees sustainability topics focusing on external reporting and assurance, operational control and risk management.</p> <p>In 2019 the CFO confirmed the decision for Aptar to become a public signatory of the Task Force for Climate Related Financial Disclosures (TCFDs), and supported the integration of TCFDs into Aptar's Enterprise Risk Management process, which is managed within his organization.</p> <p>The CFO evaluates sustainability implications when contemplating capital expenditures and decides on actions necessary to accomplish our water-related commitments such as the water related risks and opportunities analysis (i.e. water management projects requiring CapEx)</p> <p>As example, the CFO has been involved into the Task Force for Climate Related Financial Disclosures (TCFDs) including water-related risks and analysis, and supported the integration of TCFDs into Aptar's Enterprise Risk Management process, which is managed within his organization.</p>
Other, please specify (Segment Presidents and SVP of Investor Relations)	<p>Also members of the Executive Committee, each segment president oversees a unique excellence pillar or Subject Matter: Operational Excellence, Innovation Excellence, Commercial Excellence, Global Purchasing, Global Sustainability. Direct line of reporting for the Global Sustainability Team is to the president responsible for the Beauty + Home (B+H) segment.</p> <p>Led by our Vice President of Sustainability, the Global Sustainability Team is comprised of industry experts that develop and implement our programs. The Executive Committee members and SVP of Investor Relations hear from the VP Sustainability and the Product Sustainability Director during monthly meetings. Along with the B+H Segment President, the VP Sustainability provides information to the Board of Directors.</p> <p>All three Segment Presidents and the President Aptar Asia are responsible to scale sustainability actions they heard about during the Executive Committee meetings into the regions, business units and operations. As an example, the Segment Presidents take a decisions how and when to invest in water management projects for sites that fall within their jurisdiction. They also decide which sites will go for water monitoring process and which operations within their segments can be moved into water data quality analysis.</p> <p>The SVP of Investor Relations serves as the liaison to the investor community, an relays our Water Management progress and challenges accordingly.</p> <p>As example, each of these have been involved into the Task Force for Climate Related Financial Disclosures (TCFDs) including water-related risks and analysis, and supported the integration of TCFDs into Aptar's Enterprise Risk Management process, which is managed within his organization.</p>
Board Chair	<p>Board Chair oversees Aptar's sustainability strategy and assists the Executive Committee in the direction of the company's governance, programs, and policies, through the lens of water-related risks, and opportunities and their impact on company performance.</p> <p>The Board Chair decides on the sustainability strategy and, in particular, confirms decisions reflected in public disclosures like the Corporate Sustainability Report.</p>
Board-level committee	<p>One of the responsibilities of Aptar's Corporate Governance Committee is to develop and recommend to the Board a set of corporate governance principles applicable to the Company. As environment, social, and governance topics (ESG) have increased in importance, the Committee frequently receives and reviews ESG information. The Corporate Governance Committee is actively involved in the annual sustainability reporting process, evaluating targets, data, and public disclosures before they are published, especially within the Corporate Sustainability Report and Annual Report.</p> <p>Since we do have public commitments which need to be reviewed frequently, the EVP, General Counsel and Corporate Secretary from the Executive Committee serves as the liaison between the Global Sustainability Team and the Board of Directors.</p>

**W6.2b**

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

	Frequency that water-related issues are a scheduled agenda item	Governance mechanisms into which water-related issues are integrated	Please explain
Row 1	Scheduled - some meetings	Monitoring implementation and performance Overseeing acquisitions, mergers, and divestitures Overseeing major capital expenditures Providing employee incentives Reviewing and guiding annual budgets Reviewing and guiding business plans Reviewing and guiding corporate responsibility strategy Reviewing and guiding major plans of action Reviewing and guiding risk management policies Reviewing and guiding strategy Reviewing innovation/R&D priorities Setting performance objectives	<p>The Executive Committee (ExCom) meets with the Global EHS &amp; Sustainability leader and the Product Sustainability Team leader on a monthly basis. During this meeting, the Executive Committee receives an update and hosts a discussion regarding strategy, performance, goals and targets water related. Together the group monitors implementation and performance of objectives like water management program, and oversees progress against goals and targets for addressing water-related issues like monitoring Aptar’s water performance and progress on operations targets like water consumed and sources. The group examines challenges and identifies courses of action to mitigate these challenges. Where water-related risks are identified, like those discussed in the risk section, the Executive Committee assigns a task force to address the topic and then requires a progress report at least monthly from the leader of said task force.</p> <p>As an example of some of the oversight, during the reporting year Executive Committee meeting, the ExCom confirmed that in 2022 Aptar will develop Aptar’s Water Roadmap and voted on the path for the involving of it in our global sustainability strategy. The ExCom also voted to promote the participation of our sustainability team in dedicated working group focused on the water management and stewardship. The group reviewed also the Aptar sites that would receive a water audit in the next 3 years and discussed the financial implications and anticipated payback to the business plans (“guiding annual budgets and business plans”), thus confirming the budget requested for the water audits in operations located in water stressed areas.</p> <p>For each reporting year, ExCom oversees water-related risks and opportunities including potential financial impact and cost to realize opportunities to optimize water management and consumptions. In this risk evaluation we are including also regulatory aspects, annual budget and CAPEX related to the mitigation of the substantive financial risks.</p> <p>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.</p> <p>As additional example, related to incentives, to promote further awareness of the topic, Water Risk training was a focused activity during our 2021 and 2022 Earth Week celebrations. Employees who completed the training modules were eligible to receive a prize and/or a charitable donation made in their name to the Ocean Conservancy.</p> <p>Most notably, throughout 2021 and the beginning of 2022, the ExCom was actively involved in monitoring the significant progress we made on water accounting and performance toward the Scope 3 reduction in compliance with SBT program (2C scenario).</p>

**W6.2d**

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

	Board member(s) have competence on water-related issues	Criteria used to assess competence of board member(s) on water-related issues	Primary reason for no board-level competence on water-related issues	Explain why your organization does not have at least one board member with competence on water-related issues and any plans to address board-level competence in the future
Row 1	Yes	<p>The CEO, who serves on the Board of Directors, holds an engineering degree in polymer science and plastic engineering. He leads with extensive knowledge in material science and encourages alternate, more sustainable, material selections for Aptar products. He also serves as the member delegate on the World Business Council for Sustainable Development, through which he participates with other CEOs in multiple information session on various sustainability topics (including water), and is competent in his understanding of greenhouse gas emissions accounting and Water-related risks and opportunities analysis.</p> <p>The CEO is a major supporter of Aptar’s water road map and oversees sustainability target setting and performance review.</p>	<Not Applicable>	<Not Applicable>

**W6.3**

**(W6.3) Provide the highest management-level position(s) or committee(s) with responsibility for water-related issues (do not include the names of individuals).**

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

Chief Executive Officer (CEO)

**Water-related responsibilities of this position**

- Assessing water-related risks and opportunities
- Managing water-related risks and opportunities
- Monitoring progress against water-related corporate targets
- Integrating water-related issues into business strategy

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

More frequently than quarterly

**Please explain**

Aptar's President and Chief Executive Officer (CEO) supports and promotes the entire Aptar sustainability strategy including water aspects. The CEO manages processes to incorporate the sustainability initiatives within business standards, rules, and guidelines. The CEO receives monthly updates on specific initiatives including progress on goals, targets, emerging sustainability trends for water, water-related risks and opportunities surrounding water management & climate change. The CEO leads the Executive Committee to decide on strategic water-related decisions such as our commitment to water road map and public involvement in dedicated water stewardship program.

The CEO also helps Aptar to remain a go-to thought leader in our industry by representing Aptar within organizations like the World Business Council for Sustainable Development.

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

Chief Financial Officer (CFO)

**Water-related responsibilities of this position**

Assessing future trends in water demand

Assessing water-related risks and opportunities

Managing water-related risks and opportunities

Managing annual budgets relating to water security

Managing major capital and/or operational expenditures related to low water impact products or services (including R&D)

Managing water-related acquisitions, mergers, and divestitures

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

More frequently than quarterly

**Please explain**

The Chief Financial Officer (CFO) oversees sustainability topics focusing on external reporting and assurance, operational control and risk management water based.

The CFO confirmed the decision for Aptar to become a public signatory of the Task Force for Climate Related Financial Disclosures (TCFDs), and supported the integration of TCFDs into Aptar's Enterprise Risk Management process, which is managed within his organization.

The CFO evaluates sustainability implications when contemplating capital expenditures and decides on actions necessary to accomplish our Water-related commitments such as the Science Based targets (i.e. Scope 3 reduction also related to the water management and consumptions and other projects requiring CapEx).

The CFO is actively involved in our TCFD evaluation and reporting, and oversees the integration of water-related risks into our Enterprise Risk Management processes.

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

Other, please specify (Board Chair)

**Water-related responsibilities of this position**

Assessing future trends in water demand

Assessing water-related risks and opportunities

Managing water-related risks and opportunities

Setting water-related corporate targets

Monitoring progress against water-related corporate targets

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

Quarterly

**Please explain**

The Board Chair oversees Aptar's sustainability strategy and assists the Executive Committee in the direction of the company's governance, programs, and policies, through the assessing and managing of climate change and water risks, and opportunities and their impact on company performance.

The Board Chair decides on the sustainability strategy and, in particular, confirms decisions reflected in public disclosures like the Corporate Sustainability Report.

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

Chief Procurement Officer (CPO)

**Water-related responsibilities of this position**

Managing value chain engagement on water-related issues

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

Half-yearly

**Please explain**

The Chief Procurement Officer (CPO) is mostly responsible for the engagement and managing of value chain on water-related issues.

The CPO oversees the purchase process of inputs that can have an impact on the water-related issues and strategy/approaches for the mapping of sustainable initiatives along supply chain.

The process by which the position is informed of and monitor water-related issues is based on the regular meeting and reporting from other functions and to the board. Internally is used dedicated tools and dashboard focused on the sustainability performances, KPIs, targets and goals.

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

Chief Sustainability Officer (CSO)

**Water-related responsibilities of this position**

Assessing future trends in water demand

Assessing water-related risks and opportunities

Managing water-related risks and opportunities

Conducting water-related scenario analysis

Setting water-related corporate targets

Monitoring progress against water-related corporate targets

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

Half-yearly

**Please explain**

The Chief Sustainability Officer (CSO) oversees sustainability topics focusing on the integration of water-related issues into the strategy, monitoring progress against water-related corporate targets and managing water-related risks and opportunities.

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The CSO support the setting process of water-related corporate targets and evaluates sustainability implications when contemplating the external communication and ESG reporting .

The process by which the position is informed of and monitor water-related issues is based on the regular meeting and reporting from other functions and to the board. Internally is used dedicated tools and dashboard focused on the sustainability performances, KPIs, targets and goals.

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## W6.4

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### (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	Aptar is working on the new Biodiversity road map, including water targets and goals in compliance with SBTN guidelines. During this process, we'll define incentives plan related to the management of water quality and consumption defined into the new SBTN standard.

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## W6.5

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

Yes, direct engagement with policy makers

Yes, funding research organizations

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## W6.5a

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### (W6.5a) What processes do you have in place to ensure that all of your direct and indirect activities seeking to influence policy are consistent with your water policy/water commitments?

Most of our manufacturing facilities have closed loop water systems, and overall, Aptar sites consume less than 3% of our total water withdrawal. What we return to the system is often even at a better and cleaner quality than what was drawn, due to our internal closed loop and internal water treatment processes.

As described in the previous sections, Aptar's boards established mechanisms to ensure that our global activities aligns with the company's commitments and strategic objectives for water security, maintaining a consistent approach to addressing our water challenges. For example our EHS department developed internal procedures related to the water management, sites report water withdrawal and discharge metrics on a monthly basis, and we respond to the CDP water

assessment annually.

In addition, our enterprise risk management is constantly looking for the best evaluation of water-related risks and opportunities to avoid business interruptions.

Notably, during reporting year 2023, Aptar joined different working group and working stream (e.g. SBTN, WBCSD Nature Positive) supporting the development and testing feedback of new Science Based Targets for Nature, on which freshwater topic is on top of the nature aspect.

In addition, Aptar water audit commitment was implemented to assure data collection process and identify reporting inconsistencies, aid in short and long-term business planning, and support our Water Roadmap to ensure that our water strategy is effective.

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## W6.6

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

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

*Aptar has introduced a new ESG reporting center hub and in there TCFD disclosure are publish as stand alone report. Please find link here:*  
<https://www.aptar.com/esg/reporting-center/tcfd/>

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## W7. Business strategy

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### W7.1

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

	Are water-related issues integrated?	Long-term time horizon (years)	Please explain
Long-term business objectives	Yes, water-related issues are integrated	11-15	<p>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 and is evaluated to mid/long term 11-15 years in the future.</p> <p>We have determined that water is not a high importance material indicator for us or a key raw material component in our processes.</p> <p>However, we monitor water-related issues at the site level on a monthly basis. If the materiality of water to our operations were to change, we have procedures in place to address this in our business objectives. In addition, Aptar's sustainability strategy aligns to the framework set by the United Nation's Sustainable Development Goals (SDGs).</p> <p>For example, our sustainability vision is integrating water issues considering as long term business objectives into our strategic business plan with the following key aspects:</p> <ul style="list-style-type: none"> <li>- Circular Economy &amp; Water, creating an assessment and opportunity framework to enable greater circularity in water management practices increasing customer and employee loyalty;</li> <li>- Operations, optimize the consumption of natural resources in our operations and processes. Serve the communities in which we operate;</li> <li>- Suppliers &amp; 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.</li> <li>- we are investigating the development of new biodiversity roadmap</li> </ul>
Strategy for achieving long-term objectives	Yes, water-related issues are integrated	11-15	<p>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 and is evaluated to mid/long term 11-15 years in the future.</p> <p>We have determined that water is not a high importance material indicator for us or a key raw material component in our processes.</p> <p>However, we monitor water-related issues at the site level on a monthly basis. If the materiality of water to our operations were to change, we have procedures in place to address this in our business objectives. In addition, Aptar's sustainability strategy aligns to the framework set by the United Nation's Sustainable Development Goals (SDGs).</p> <p>For example, our sustainability vision is integrating water issues considering as long term business objectives into our strategic business plan with the following key aspects:</p> <ul style="list-style-type: none"> <li>- Circular Economy &amp; Water, creating an assessment and opportunity framework to enable greater circularity in water management practices increasing customer and employee loyalty;</li> <li>- Operations, optimize the consumption of natural resources in our operations and processes. Serve the communities in which we operate;</li> <li>- Suppliers &amp; 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.</li> </ul>
Financial planning	Yes, water-related issues are integrated	11-15	<p>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 and is evaluated to mid/long term 11-15 years in the future.</p> <p>We have determined that water is not a high importance material indicator for us or a key raw material component in our processes.</p> <p>However, we monitor water-related issues at the site level on a monthly basis. If the materiality of water to our operations were to change, we have procedures in place to address this in our business objectives. In addition, Aptar's sustainability strategy aligns to the framework set by the United Nation's Sustainable Development Goals (SDGs).</p> <p>For example, our sustainability vision is integrating water issues considering as long term business objectives into our strategic business plan with the following key aspects:</p> <ul style="list-style-type: none"> <li>- Circular Economy &amp; Water, creating an assessment and opportunity framework to enable greater circularity in water management practices increasing customer and employee loyalty;</li> <li>- Operations, optimize the consumption of natural resources in our operations and processes. Serve the communities in which we operate;</li> <li>- Suppliers &amp; 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.</li> </ul>

**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)**

1

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

1

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

0

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

0

**Please explain**

As we mentioned in the previous sections, water is not material for our processes, so, after internal review the water-related capex is lower than previous reporting year because water project were completed in previous years and there was no more opportunities. This is the reason why we are updating water road map and why we planned water audit in 2023 with water specialist at our sites located in water stressed areas.

The main Capex focus is based on water stressed sites, these sites are required to implement consumption reduction projects.

In addition, the awareness training is serving to educate more Aptar employees in all locations (in 2023 we completed new water circularity training and questionnaire for management and quality of the water) .

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.

About OPEX, we do not have it in our process.

**W7.3**

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

	Use of scenario analysis	Comment
Row 1	Yes	Aptar has used climate-related scenario analysis by looking at both the water-related impacts in the IPCC RCP4.5 and RCP8.5 physical scenarios as well as a water stress scenario analysis using the WWF Water Risk Filter. Based on the exact address details of Aptar's locations worldwide, Aptar has assessed the baseline water risks as well as the impact of three different scenarios (Optimistic (SSP2 RCP4.5); Business as usual (SSP2 RCP8.5); Pessimistic (SSP3 RCP8.5)) with the time horizons of 2030 and 2040 on water stress (supply and demand) as well as seasonal variability of water supply. Using the tool, Aptar has identified regions and individual sites that face high or extremely high baseline (current) and projected water stress in 2030 and 2040 under the different scenarios.

**W7.3a**

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

	Type of scenario analysis used	Parameters, assumptions, analytical choices	Description of possible water-related outcomes	Influence on business strategy
Row 1	Water-related Climate-related	<p>Selection of scenario: Aptar explored physical scenarios addressing patterns of physical impacts attributed to climate change. Aptar used the RCP 4.5 scenario as a stabilization scenario consistent with ambitious emissions reductions and in line with the physical water scenario analysis APTAR conducted with the Water Risk Filter using the RCP 4.5 to increase information availability for this physical climate scenario.</p> <p>Parameters: The physical impacts in the scenario lead to measurable impacts on the business such as production losses due to business interruptions through physical impacts such as flooding or water stress or investment needs to protect against and face these physical impacts.</p> <p>Assumptions: Aptar assumed that the scenario's regionalized projections can be mapped to own manufacturing sites in different regions and lead to a variety of impacts on assets and production</p> <p>Analytical choices: The scenario has been evaluated both quantitative (number of sites affected) and qualitative (severity of impact, e.g. classifying sites into low, medium and high risk impact regions). The time horizon chosen for physical scenarios are 2030-2040 (as classified near-term by the scenario) as major physical impacts are occurring beyond 2030. Further, a long-term perspective (2080-2100) has been included in the scenario modelling due to the fact that between 2030 and 2040 the RCP4.5 and RCP8.5 are similar.</p>	<p>The physical impacts of climate change as shown in the RCP4.5 and RCP8.5 scenarios are highly related to water. Many of the physical impacts modelled by the IPCC focus on water scarcity, water stress, droughts, flooding and water quality.</p> <p>Using WWF Risk Filter tool, Aptar has assessed the baseline and projected water stress for all of Aptar's global sites and identified the regions and individual sites that are at risk for high or extremely high water stress in 2030 and 2040 according to three different scenarios (Optimistic (SSP2 RCP4.5); Business as usual (SSP2 RCP8.5); Pessimistic (SSP3 RCP8.5)).</p> <p>Water stress poses a challenge to Aptar's operations with anodizing and molding facilities as these require water for cooling. Drought induced water restrictions or water stress, would impact performance in these facilities and pose a risk for operations.</p> <p>Baseline riverine and coastal flood risks have also been identified for Aptar's sites.</p>	<p>Water stress poses a challenge to Aptar's operations with anodizing and molding facilities as these require water for cooling. Drought induced water restrictions or water stress, would impact performance in these facilities and pose a risk for operations.</p> <p>Aptar faces a variety of business impacts including revenue and cost implications, impacts on assets and own manufacturing sites, need for investments or business interruption to physical impacts such as flooding or water stress.</p> <p>Aptar faces several transition and physical risks for their manufacturing sites, due to the need to retrofit the building portfolio to 2030 as well as through physical, as Aptar faces high water stress among many sites.</p> <p>Aptar has written policies and assessments related to water risks and intends to plan water-related investment in technology optimizing process efficiency. The monitoring at corporate level will support the development of new water strategy with the identification of priorities.</p>

**W7.4**

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

Row 1

**Does your company use an internal price on water?**

No, but we are currently exploring water valuation practices

**Please explain**

Aptar does not anticipate setting an internal price on water in the short / mid term since we have determined that water is not a high importance material indicator for us or a key raw material component in our processes, but, we are currently ready to explore water valuation practices especially in business located in water stressed area including potential future mergers and acquisitions.

In addition, we are also able to promote water reduction projects without using an internal price on water.

**W7.5**

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

	Products and/or services classified as low water impact	Definition used to classify low water impact	Primary reason for not classifying any of your current products and/or services as low water impact	Please explain
Row 1	Yes	<p>Our Product Sustainability Team is promoting conversion plan on which our efforts are focused on the use of recycled content material (mostly based on the mechanical recycling). This aspect allow to produce finished products that we can consider "low water impact" at upstream value chain because the fact that we are not using conventional materials can demonstrate a lower use and consumption of water to produce plastics, metals etc....</p> <p>In addition, our GMI and Marketing are investigating also the reusability of our products, so, in this case we have water saving always into the upstream value chain thanks to the reuse and refilling of products. Further investigation is also focused on the use phase of product from end user perspective.</p> <p>Our definition used to classify low water impact is "Lifecycle water use for the new material or new product is lower than the conventional product or material. This criteria applies to our upstream value chain and intensity is considered. "</p>	<Not Applicable>	<p>Our Product Sustainability Team is promoting conversion plan on which our efforts are focused on the use of recycled content material (mostly based on the mechanical recycling). This aspect allow to produce finished products that we can consider "low water impact" at upstream value chain because the fact that we are not using conventional materials can demonstrate a lower use and consumption of water to produce plastics, metals etc....</p> <p>In addition, our GMI and Marketing are investigating also the reusability of our products, so, in this case we have water saving always into the upstream value chain thanks to the reuse and refilling of products. Further investigation is also focused on the use phase of product from end user perspective.</p>

**W8. Targets**

**W8.1**

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

Yes

**W8.1a**

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

	Target set in this category	Please explain
Water pollution	No, but we plan to within the next two years	Water pollution target will be defined during next reporting years and it is evaluated for regulatory compliance and SBTN after materiality assessment about pressure on nature due to wastewater pollution.
Water withdrawals	Yes	<Not Applicable>
Water, Sanitation, and Hygiene (WASH) services	Yes	<Not Applicable>
Other	Yes	<Not Applicable>

**W8.1b**

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

**Target reference number**

Target 1

**Category of target**

Monitoring of water use

**Target coverage**

Site/facility

**Quantitative metric**

Increase in the proportion of sites monitoring water discharge total volumes

**Year target was set**

2022

**Base year**

2022

**Base year figure**

0

**Target year**

2027

**Target year figure**

50

**Reporting year figure**

0



**% of target achieved relative to base year**

0

**Target status in reporting year**

Underway

**Please explain**

During reporting year 2022, our organization set a target to increase the proportion of sites monitoring water discharges volumes by 50% by 2027. Progress is monitored using the number of water metering installed in our operations to track megaliters as the unit of measurement for the water discharged. This target applies company-wide with no exclusions in our direct operations, and is expected to extend to our new acquisitions during next years. The motivation for the target stemmed from a corporate objective on increase reliability of water data that will drive future water conservation measures in our sites, while the target is also in alignment with our water policy commitment to increase process efficiency from reliable baseline data. As we have just started it, we are underway to meet this target by 2027.

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**Target reference number**

Target 2

**Category of target**

Other, please specify (Water audit (secondary part))

**Target coverage**

Site/facility

**Quantitative metric**

Other, please specify (Number of sites that completed water audit)

**Year target was set**

2022

**Base year**

2022

**Base year figure**

0

**Target year**

2024

**Target year figure**

4

**Reporting year figure**

0

**% of target achieved relative to base year**

0

**Target status in reporting year**

Underway

**Please explain**

During reporting year 2022, our organization set a target to complete water audit (secondary part) in operations located in water stressed areas (4 sites by 2024). Progress is monitored using the number of water audit report released in our operations to track opportunities and water conservation measures at local site. This target applies only to the sites located in water stressed areas from water-related risk assessment and is expected to extend to new sites if risk analysis will be updated during next years. The motivation for the target stemmed from a corporate objective on the identification of water conservation measures and opportunities in our sites that can drive the reduction of consumptions, process efficiency and water quality. As we have just started it, we are underway to meet this target by 2024

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**Target reference number**

Target 3

**Category of target**

Water recycling/reuse

**Target coverage**

Site/facility

**Quantitative metric**

Increase in water use met through recycling/reuse

**Year target was set**

2022

**Base year**

2022

**Base year figure**

28

**Target year**

2025

**Target year figure**

10

**Reporting year figure**

28

**% of target achieved relative to base year**

0

## Target status in reporting year

Underway

### Please explain

Target is based on the facility project (located in LATAM) on which will be implemented system to increase the recycling of wastewater level coming from anodizing process.

We are not considering this target as corporate target and/or public target.

The project consists of reusing the treated water after the ETS. The effluent today is treated and discharged to the environment, so the project aims to return the water to be reused in the process. However, the water quality needs to be improved and stored before being sent to the anodizing line. In summary, the project will review the current ETS layout in order to install a set of equipment, as well as, the plumbing infrastructure in charge of treating and returning the water to the anodizing line.

Project focus: reduce 65% of water consumption respect baseline 2022 (28 megaliter of water consumed), consequently, effluent generation to environment.

Advantages → Cost reduction, sustainability, and control of an important input/resource to Aptar's core process.

Risks without implementation → Pressure on costs, Impact on cost absorption in the operation, Reduction of market share

Please note that during reporting year 2022, CAPEX has been approved, so, the implementation will start in the next 2 years.

## W9. Verification

### W9.1

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

Yes

### W9.1a

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

Disclosure module	Data verified	Verification standard	Please explain
W1 Current state	Quantity and quality of water withdrawal and discharged, type of water.	Other, please specify (ISO 14064)	Data Assurance 2022 included third party review process focused also on the water data and calculations for our sites.

## W10. Plastics

### W10.1

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

	Plastics mapping	Value chain stage	Please explain
Row 1	Yes	Direct operations Supply chain	The scope of the plastic mapping is based on the upstream value chain that are producing plastic resin, our suppliers that are producing plastic sub-assembly and our operations that are molding thermopolymers for the finished products. Aptar product is made 80% of different plastic polymers fossil fuel based (please note that we are using also recycled content and bioplastic). Our mapping is based on the New Plastic Economy Global Commitment defined by Ellen MacArthur Foundation regarding the recyclability in practice and at scale and recycled content ratio.

### W10.2

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

	Impact assessment	Value chain stage	Please explain
Row 1	Yes	Direct operations Supply chain Product use phase	The assessment of the potential environmental and human health impact of plastic is based on the injection molding of plastics in our direct operations (impact drivers are plastic leakage during transportation and logistic activities), in our upstream phase about the production of plastic raw materials from our vendors (impact drivers are GHGs emissions due to fossil fuels extraction, water consumption, primary energy demand, industrial waste management) and product use phase (impact drivers are recyclability and GHGs impact of end of life treatment scenarios). The assessment is based on the LCA methodology, ISO standard and it is performed regularly as part of our internal strategy with the Product Sustainability Team. The most impactful plastics-related activities is the extraction and refinement of raw materials (upstream). The geographical representativeness of the assessment is based on global perspective.

### W10.3

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

	Risk exposure	Value chain stage	Type of risk	Please explain
Row 1	Yes	Supply chain Product use phase	Regulatory Reputational Technology	<p>Aptar identifies the risk as substantive financial or strategic impact 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.</p> <p>Aptar defines a substantive financial or strategic impact with the internal terminology "High Level of Severity", which describes that the potential impact on cash flow and earnings is material and will directly impact Aptar's ability to meet strategic business objectives.</p> <p>A high level of severity means for Aptar that at least one of our three market segments (B+H, F+B and Pharma) is affected.</p> <p>Furthermore high level of severity is quantified with a financial impact (effect on revenue) of \$10 million or more but our internal risk management system identified also different scale of magnitude that are worthy of attention during the screening process.</p> <p>The probability threshold is considered between very likely and virtually certain, the severity threshold is based on high and very high.</p> <p>The scope of the risk assessment is global, considering that Aptar is a multinational company present in 20 countries with B2B customers around the world. Our risk assessment is based on the TCFD framework climate-related that include also plastic-related risks.</p> <p>The main risk driver plastic-related are technological (about the changing customer request of more sustainable packaging and circular business model), regulatory (about current and emerging regulation that can effect Aptar products and value chain about recyclability, recycled content use, single use plastic tax and EPR responsibility) and reputational risk (about new market request about circular packaging products and ecodesign solutions).</p> <p>The risks above mentioned required an internal strategic evaluation to define appropriate budget and financial investment .</p>

**W10.4**

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

	Targets in place	Target type	Target metric	Please explain
Row 1	Yes	Plastic packaging	<p>Reduce the total weight of virgin content in plastic packaging</p> <p>Increase the proportion of post-consumer recycled content in plastic packaging</p> <p>Increase the proportion of plastic packaging that is recyclable in practice and at scale</p> <p>Increase the proportion of plastic packaging that is reusable</p> <p>Increase the proportion of plastic packaging that is compostable</p>	<p>Aptar is signatories of new Plastic Economy Global Commitment (developed by Ellen MacArthur Foundation).</p> <p>Our commitment is to achieve 10% recycled resin content by 2025 in personal care, beauty, home care, food and beverage solutions.</p> <p>Reach 100% recyclable, reusable or compostable solutions by 2025 in personal care, beauty, home care and food/ beverage solutions.</p> <p>Embed circular design into our product innovation, eliminate 100% of formaldehyde, styrene, vinyl chloride and bisphenol A by 2025.</p> <p>Targets are company-wide and timeline is by 2025.</p> <p>The main motivation for setting the targets is based on the fact that we believe all products must be designed with people and the planet in mind. This means understanding the lifecycle impacts of our products and innovating to deliver optimal economic and performance value throughout the value chain and product life cycle.</p> <p>In 2022, Aptar continued the conversion to recycled resin content in our product solutions, ending the year with 0.80% of our total resin volume sales being recycled resin content. Increasing this volume in the future is a key priority across our entire organization. Currently, the biggest challenge is the lack of food-grade, postconsumer recycled resin on the market.</p> <p>Greater availability is expected in the coming years, which will support our progress.</p> <p>In 2022, 54.6% of our solutions in personal care, beauty, home care, and food/beverage were recyclable, reusable or compostable. Changes in the product mix of what was sold account for a small year-over-year change in this percentage, but we remain on track with an increasing number of our products being recyclable in these categories. Due to report timing and sales volumes, the introduction of products like the Future mono-material pump and the SimpliCycle, recyclable valve, is not yet visible within this indicator but will soon be a part of our reporting aligned to the Ellen MacArthur Foundation's New Plastics Economy Global Commitment.</p>

**W10.5**

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

	Activity applies	Comment
Production of plastic polymers	No	Aptar is not present in this market
Production of durable plastic components	No	Aptar is not present in this market
Production / commercialization of durable plastic goods (including mixed materials)	No	Aptar is not present in this market
Production / commercialization of plastic packaging	Yes	Aptar is a global leader in the design and manufacturing of a broad range of drug delivery, consumer product dispensing and active material science solutions. Aptar's innovative solutions and services serve a variety of end markets, including pharmaceutical, beauty and home, and food and beverage.
Production of goods packaged in plastics	No	Aptar is not present in this market
Provision / commercialization of services or goods that use plastic packaging (e.g., retail and food services)	No	Aptar is not present in this market

**W10.8**

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

	Total weight of plastic packaging sold / used during the reporting year (Metric tonnes)	Raw material content percentages available to report	% virgin fossil-based content	% virgin renewable content	% post-industrial recycled content	% post-consumer recycled content	Please explain
Plastic packaging sold	122229	% virgin fossil-based content % post-consumer recycled content	99.2	<Not Applicable >	<Not Applicable >	0.8	We are reporting data related to our finished dispensing solutions for the beauty, personal care, home care (B+H), food and beverage (F+B) global markets, using the same business scope as when joining the Global Commitment. Pharmaceutical solutions are not reported due to regulatory constraints, in particular the use of post-consumer recycled resin. Nevertheless, we have experienced an uptick in interest and activity from Pharma customers regarding sustainability strategies and initiatives. Calculation has been determined considering ecodesign guidelines and framework. At the moment we have not planned to have third party verification of the data reported. In the future reporting year the calculation will change (positive or negative) due to the ecodesign actions and market fluctuation in terms of product materials mix.
Plastic packaging used	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable >	<Not Applicable >	<Not Applicable >	<Not Applicable>

**W10.8a**

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

	Percentages available to report for circularity potential	% of plastic packaging that is reusable	% of plastic packaging that is technically recyclable	% of plastic packaging that is recyclable in practice at scale	Please explain
Plastic packaging sold	% reusable % technically recyclable % recyclable in practice and at scale	0.6	57	54	The recyclability in practice and at scale has been calculated following Ellen MacArthur Foundation guidelines and tool. The product sustainability team, in collaboration with other departments, analyzed bill of materials and material info, full packaging materials (bottle) has been estimated for the recyclability assessment. In the part of the portfolio currently not recyclable but already "designed for recycling", there are PP closures to be combined with PE tubes and flexibles. These are recyclable when collection, sorting and recycling are in place. We have discussed about the recycling of tubes with several partners, e.g. Plastic Recyclers Europe, and, from the discussions we had, emerged that this type of packaging is similar to rigid packaging and therefore the same guidelines are applicable to it. At the moment data is not third party verified.
Plastic packaging used	<Not Applicable>	<Not Applicable >	<Not Applicable>	<Not Applicable>	<Not Applicable>

**W11. Sign off**

**W-FI**

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

No additional information needs to be reported.

**W11.1**

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

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

**SW. Supply chain module**

**SW0.1**

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

	Annual revenue
Row 1	3300000000

## SW1.1

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### (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

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### (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 Torello

#### 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. qualitative 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

Aptar has the possibility to mitigate risk thanks to the transfer of 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 scarcity. Water contingency plan is also supporting the management of this issue. During reporting year we also planned water audit involving water specialist in order to find best solutions for the water management and water conservation measures.

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#### Facility reference number

Facility 1

#### Facility name

Torello

#### 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. qualitative 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

Aptar has the possibility to mitigate risk thanks to the transfer of 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 scarcity. Water contingency plan is also supporting the management of this issue. During reporting year we also planned water audit involving water specialist in order to find best solutions for the water management and water conservation measures.

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#### Facility reference number

Facility 2

#### Facility name

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. qualitative 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

Aptar has the possibility to mitigate risk thanks to the transfer of 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 scarcity. Water contingency plan is also supporting the management of this issue. During reporting year we also planned water audit involving water specialist in order to find best solutions for the water management and water conservation measures.

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#### Facility reference number

Facility 2

#### Facility name

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. qualitative 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

Aptar has the possibility to mitigate risk thanks to the transfer of production of molded components to other sites in order to ensure the lead time and quality of finished

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product in case of problem to the cooling system due to water scarcity. Water contingency plan is also supporting the management of this issue. During reporting year we also planned water audit involving water specialist in order to find best solutions for the water management and water conservation measures.

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**Facility reference number**

Facility 3

**Facility name**

Queretaro

**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. qualitative 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**

Aptar has the possibility to mitigate risk thanks to the transfer of 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 scarcity. Water contingency plan is also supporting the management of this issue. During reporting year we also planned water audit involving water specialist in order to find best solutions for the water management and water conservation measures.

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**Facility reference number**

Facility 3

**Facility name**

Queretaro

**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. qualitative 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**

Aptar has the possibility to mitigate risk thanks to the transfer of 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 scarcity. Water contingency plan is also supporting the management of this issue. During reporting year we also planned water audit involving water specialist in order to find best solutions for the water management and water conservation measures.

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**Facility reference number**

Facility 3

**Facility name**

Queretaro

**Requesting member**

The Coca-Cola Company

**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. qualitative 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**

Aptar has the possibility to mitigate risk thanks to the transfer of 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 scarcity. Water contingency plan is also supporting the management of this issue. During reporting year we also planned water audit involving water specialist in order to find best solutions for the water management and water conservation measures.

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## 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	Data based on Google Maps system

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## SW1.2a

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

Identifier	Latitude	Longitude	Comment
Annecey	45.886	6.112	Data based on Google Maps system
Radolfzell	47.75	8.944	Data based on Google Maps system
Brecey	48.727	-1.163	Data based on Google Maps system
Cajamar	-23.346	-46.854	Data based on Google Maps system
Cali	3.562	-76.45	Data based on Google Maps system
Cary Campus (North, South, McHenry)	42.226	-88.249	Data based on Google Maps system
Charleval	49.374	1.371	Data based on Google Maps system
Chieti	42.304	14.052	Data based on Google Maps system
Chonburi	13.443	101.019	Data based on Google Maps system
Ckyne	49.113	13.837	Data based on Google Maps system
Congers	41.165	-73.936	Data based on Google Maps system
Dortmund	51.529	7.628	Data based on Google Maps system
Eigeltigen	47.854	8.902	Data based on Google Maps system
Eatontown	40.272	-74.07	Data based on Google Maps system
Freyung	48.822	13.57	Data based on Google Maps system
Granville	48.838	-1.562	Data based on Google Maps system
Jundiai	-23.221	-46.877	Data based on Google Maps system
Le Neubourg	49.158	0.907	Data based on Google Maps system
Le Vaudreuil	49.26	1.198	Data based on Google Maps system
Leeds	53.745	-1.598	Data based on Google Maps system
Lincolnton	35.546	-81.219	Data based on Google Maps system
Maringa	-23.451	-51.991	Data based on Google Maps system
Menden	51.451	7.786	Data based on Google Maps system
Mezzovico	46.094	8.924	Data based on Google Maps system
Midland	43.618	-84.184	Data based on Google Maps system
Mukwonago	42.869	-88.32	Data based on Google Maps system
Mumbai	19.114	73.009	Data based on Google Maps system
Oyonnax	46.247	5.645	Data based on Google Maps system
Pescara	42.304	14.052	Data based on Google Maps system
Poincy	48.967	2.921	Data based on Google Maps system
Queretaro	20.564	-100.259	Data based on Google Maps system
Suzhou	42.046	2.275	Data based on Google Maps system
Torello	42.046	2.275	Data based on Google Maps system
Verneuil	48.746	0.927	Data based on Google Maps system
Villingen	48.083	8.505	Data based on Google Maps system
Vladimir	56.097	40.353	Data based on Google Maps system
Philson	41.59	-73.1	Data based on Google Maps system
CSP Techn Auburn	32.558021	-85.521392	Data based on Google Maps system
CSP Tech Niederbronn	48.929916	7.646492	Data based on Google Maps system
Berazategui	-34.811	-58.242	Data based on Google Maps system
CSP Atlanta	30.125	-87.256	Data based on Google Maps system
Barcelona	41.475	2.095	Data based on Google Maps system
Chavanod/Reboul	45.893	6.077	Data based on Google Maps system
Crystal Lake 265	42.234	-88.3	Data based on Google Maps system
Guangzhou	23.393	113.494	Data based on Google Maps system
Hyderabad	17.623	78.511	Data based on Google Maps system
Louviciennes	48.863	2.124	Data based on Google Maps system
Milano	47.256	1.266	Data based on Google Maps system
Villepinte	48.968	2.51	Data based on Google Maps system
Elgin Distribution Center	42.234	-88.3	Data based on Google Maps system
Fusion Dallas	32.822	-96.834	Data based on Google Maps system
Fusion Los Angeles	32.822	-96.834	Data based on Google Maps system
Fusion Paramus	32.822	-96.834	Data based on Google Maps system
Gateway Analytical	40.617	-79.947	Data based on Google Maps system
Camacari	-12.733	-38.311	Data based on Google Maps system

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

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 for upstream value chain 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 PCR resin in order to reduce upstream water consumption thanks to the mechanical recycling

#### Estimated timeframe for achieving project

2 to 3 years

#### 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

Aptar, in collaboration with customer, is planning to increase the use of post-consumer recycled materials in the finished products. Climate-related projects are referred to the increase of recycled content into the finished product purchased by customer. Our conversion plan can support the reduction of water uses for upstream processes. In addition, thanks to the use of post-consumer resin recycled, we can contribute to the reduction of resources depletion (non-renewable fossil based). The potential financial impact of this project in terms of costs VS savings is neutral. The strategy related to the use of PCR in our finished product, can support customer's goals and targets to reduce their indirect water impact and GHG emissions from purchased goods and services. More in accuracy, the conversion plan will take into consideration some components realized in oil-based plastics. The total weight of recycled content has been defined in a range 20-100% of total finished product weight. Timeline for final approval from customer has been defined by end of 2023. During the reporting year the status of these new products is under testing / validation.

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#### Requesting member

Grupo Boticário

#### Category of project

New product or service

#### Type of project

New product or service that has a lower upstream water impacts

#### Motivation

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 for upstream value chain 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 PCR resin in order to reduce upstream water consumption thanks to the mechanical recycling

#### Estimated timeframe for achieving project

2 to 3 years

#### 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

Aptar, in collaboration with customer, is planning to increase the use of post consumer recycled materials in the finished products. Climate-related projects are referred to the increase of recycled content into the finished product purchased by customer. Our conversion plan can support the reduction of water uses for upstream processes. In addition, thanks to the use of post consumer resin recycled, we can contribute to the reduction of resources depletion (non-renewable fossil based). The potential financial impact of this project in terms of costs VS savings is neutral. The strategy related to the use of PCR in our finished product, can support customer's goals and targets to reduce their indirect water impact and GHG emissions from purchased goods and services. More in accuracy, the conversion plan will take into consideration some components realized in oil-based plastics. The total weight of recycled content has been defined in a range 20-100% of total finished product weight. Timeline for final approval from customer has been defined by end of 2023/2024. During the reporting year the status of these new products is under testing / validation.

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#### Requesting member

The Coca-Cola Company

#### Category of project

New product or service

#### Type of project

New product or service that has a lower upstream water impacts

#### Motivation

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 for upstream value chain 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 PCR resin in order to reduce upstream water consumption thanks to the mechanical recycling

#### Estimated timeframe for achieving project

2 to 3 years

#### 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

Aptar, in collaboration with customer, is planning to increase the use of post consumer recycled materials in the finished products. Climate-related projects are referred to the increase of recycled content into the finished product purchased by customer. Our conversion plan can support the reduction of



water uses for upstream processes. In addition, thanks to the use of post consumer resin recycled, we can contribute to the reduction of resources depletion (non renewable fossil based).

The potential financial impact of this project in terms of costs VS savings is neutral. The strategy related to the use of PCR in our finished product, can support customer's goals and targets to reduce their indirect water impact and GHG emissions from purchased goods and services.

More in accuracy, the conversion plan will take into consideration some components realized in oil-based plastics. The total weight of recycled content has been defined in a range 20-100% of total finished product weight. Timeline for final approval from customer has been defined by end of 2023/2024

During the reporting year the status of these new products is under testing / validation.

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## SW2.2

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

Yes

### SW2.2a

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**(SW2.2a) Please select the requesting CDP supply chain member(s) that have driven collaborative water projects.**

**Requesting member**

Grupo Boticário

**Category of project**

New product or service

**Type of project**

New product or service that has a lower upstream water impacts

**Description of project**

Water-related projects are referred to the increase of recycled content into the finished product. Our conversion plan can support the reduction of water consumption in upstream production processes. In addition, thanks to the use of post consumer resin recycled, we can contribute to the reduction of resources depletion (non renewable fossil based). The potential financial impact of this project in terms of costs VS savings is neutral. The strategy related to the use of PCR in our finished product, can support customer's goals and targets to reduce their indirect water consumption from purchased goods and services.

The above water-related projects mentioned have been developed in different Aptar regions and facilities: Aptar Cajamar (LATAM) and Maringa (LATAM).

Products involved are listed here: Pump Micr CapUnM Over Cap

**Progress**

Project implemented during reporting year 2021/2022

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**Requesting member**

Johnson & Johnson

**Category of project**

New product or service

**Type of project**

New product or service that has a lower upstream water impacts

**Description of project**

Water-related projects are referred to the increase of recycled content into the finished product. Our conversion plan can support the reduction of water consumption in upstream production processes. In addition, thanks to the use of post consumer resin recycled, we can contribute to the reduction of resources depletion (non renewable fossil based). The potential financial impact of this project in terms of costs VS savings is neutral. The strategy related to the use of PCR in our finished product, can support customer's goals and targets to reduce their indirect water consumption from purchased goods and services.

The above water-related projects mentioned have been developed in different Aptar regions and facilities: Aptar Chieti (EMEA).

Products involved are listed here: Pump Dispenser GS

**Progress**

Project implemented during reporting year 2021/2022

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**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

**Description of project**

Water-related projects are referred to the increase of recycled content into the finished product. Our conversion plan can support the reduction of water consumption in upstream production processes. In addition, thanks to the use of post consumer resin recycled, we can contribute to the reduction of resources depletion (non renewable fossil based). The potential financial impact of this project in terms of costs VS savings is neutral. The strategy related to the use of PCR in our finished product, can support customer's goals and targets to reduce their indirect water consumption from purchased goods and services.

The above water-related projects mentioned have been developed in different Aptar regions and facilities: Aptar Cary South (NAM) and Eatontown (NAM).

Products involved are listed here: Pump Euromist and Dispenser Evolution

**Progress**

Project implemented during reporting year 2021/2022

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

The finished products are dispensing systems produced in Aptar sites located in water stressed area (as reported in section W5) for CDP customer L'Oréal

**Water intensity value**

55

**Numerator: Water aspect**

Water consumed

**Denominator**

Tons of finished products produced as invoiced quantities from Aptar sites listed above to customer

**Comment**

The water intensity indicator is based on the calculation mass based for water consumed by plants. The total water consumed has been allocated considering the tons of total finished products produced by the plant and tons of finished products produced for CDP customer.

The water intensity indicator is expressed as m3 per single tons of 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.

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**Product name**

The finished products are dispensing systems produced in Aptar Queretaro site for CDP customer Unilever

**Water intensity value**

66

**Numerator: Water aspect**

Water consumed

**Denominator**

Tons of finished products produced as invoiced quantities from Aptar sites listed above to customer

**Comment**

The water intensity indicator is based on the calculation mass based for water consumed by plants. The total water consumed has been allocated considering the tons of total finished products produced by the plant and tons of finished products produced for CDP customer.

The water intensity indicator is expressed as m3 per single tons of 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.

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**Product name**

The finished products are dispensing systems produced in Aptar Torello sites for CDP customer SC Johnson

**Water intensity value**

0.2

**Numerator: Water aspect**

Water consumed

**Denominator**

Tons of finished products produced as invoiced quantities from Aptar sites listed above to customer

**Comment**

The water intensity indicator is based on the calculation mass based for water consumed by plants. The total water consumed has been allocated considering the tons of total finished products produced by the plant and tons of finished products produced for CDP customer.

The water intensity indicator is expressed as m3 per single tons of 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.

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**Product name**

The finished products are dispensing systems produced in Aptar Queretaro site for CDP customer Coca Cola

**Water intensity value**

124

**Numerator: Water aspect**

Water consumed

**Denominator**

Tons of finished products produced as invoiced quantities from Aptar sites listed above customer

**Comment**

The water intensity indicator is based on the calculation mass based for water consumed by plants. The total water consumed has been allocated considering the tons of total finished products produced by the plant and tons of finished products produced for CDP customer.

The water intensity indicator is expressed as m3 per single tons of 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.

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English

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Please select your submission options	Yes	Public

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

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I have read and accept the applicable Terms