

W0. Introduction

W0.1

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

Tofaş Türk Otomobil Fabrikası – whose shares are equally owned by Koç Holding and FCA - Fiat Chrysler Automobiles – was established in 1968 by Vehbi Koç -, who was the founder of Koç Holding. Bursa Plant of Tofaş – which began its production with Murat 124 model in 1971 – was established on a 735.170 square meter area in total, – 61.848 square meters of which was indoor area. – in the beginning. Today, Tofaş is operating on a total of 1 million square meters area, with 411.621 square meters of which is an indoor area.

Being the only automotive company in Turkey to manufacture both passenger cars and light commercial vehicles, Tofaş today produces Linea, Doblo, Egea (Tipo) and Fiorino models for Fiat. Besides, Tofaş also represents Alfa Romeo, Jeep, Lancia brands in Turkey as well as Fiat, and Ferrari and Maserati brands through its sub-company Fer Mas. The company owns Turkey's leading spare parts company Opar, which has recently signed a collaboration agreement with Magneti Marelli. Making production for Citroen, Peugeot, Opel and Vauxhall brands in the Bursa Plant as well – which has achieved the "Golden Level" within the scope of WCM-World Class Manufacturing Program in 2013 – Tofaş comes to the forefront leads as one of the biggest manufacturer in Turkey with its 10.000 employees and annual production capacity of 450,000 units.

Carrying out the one-fourth of the automotive production and one-fifth of the automotive export in Turkey, Tofaş keeps creating added value with its qualified human resources, its cutting-edge technology, its competency in R&D field and its production capability. Initiating its R&D activities 20 years ago, Tofaş has now become one of the top 3 strategic production and R&D centers of FCA at a global scale. Being a global player with its R&D and production operations carried out for 5 brands at the global scale, Tofaş plays a leading role in the Turkish automotive sector with its R&D competencies.

Tofaş is also the first automotive company listed in the Borsa Istanbul (BIST) Sustainability Index. With our performance in the corporate management field, our Corporate Governance rating was announced by the Capital Markets Board of Turkey as 9.27 in 2022.

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.

Turkey

W0.4

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

EUR

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 financial control is exercised

W0.6

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

No

W0.7

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

Indicate whether you are able to provide a unique identifier for your organization.	Provide your unique identifier
Yes, a Ticker symbol	TOASO

W1. Current state

W1.1

(W1.1) Rate the importance (current and future) of water quality and water quantity to the success of your business.

	Direct use importance rating	Indirect use importance rating	Please explain
Sufficient amounts of good quality freshwater available for use	Vital	Important	Direct use importance: Although the making of vehicles is not especially water intensive, we use water in many key manufacturing processes in our plants, including vehicle painting. Water scarcity can have an appreciable impact on our manufacturing operations. Our water-related risks come not only from being a direct water user, but also from being a large purchaser of materials, parts and components that have used water in their manufacturing processes. Indirect use importance: We also see the importance of freshwater usage in our value chain. We are always purchasing large amounts of parts and materials for our production and the freshwater availability is critical for our suppliers.
Sufficient amounts of recycled, brackish and/or produced water available for use	Important	Important	This is important for our facility to reduce water scarcity risk and to ensure that there is enough water for all needs. It is included in our strategic plans and business plans to increase water reuse rate to ensure that our withdrawals are more efficient and volumes are lower. We aim to reduce water scarcity in our region and be more sustainable in water usage.

W1.2

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

	% of sites/facilities/operations	Frequency of measurement	Method of measurement	Please explain
Water withdrawals – total volumes	100%	Continuously	In place flowmeters that do real time monitoring	100% of water withdrawals from our 6 underground wells are measured separately and totally at the same time to monitor hourly, daily and yearly water consumption trends and reduction targets.
Water withdrawals – volumes by source	100%	Continuously	In place flowmeters that do real time monitoring	100% of water withdrawals from our 6 underground abstraction wells are measured separately and cumulatively to monitor hourly, daily and yearly water consumption trends and reduction targets.
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	100%	Daily	Daily sample taking and testing	100% of water withdrawals from our 6 underground abstraction wells are measured in terms of quality . The tests that are carried out to monitor the withdrawal quality are: - pH, total hardness, m-alkalinity, calcium hardness, conductivity, organic matter, chloride, and total iron.
Water discharges – total volumes	100%	Continuously	In place flowmeters that do real time monitoring	100% of water discharges from industrial operations and from domestic use are measured separately and cumulatively to monitor hourly, daily and yearly water discharges and reduction targets.
Water discharges – volumes by destination	100%	Continuously	In place flowmeters that do real time monitoring	100% of water discharges from industrial operations and from domestic use are measured separately and cumulatively to monitor hourly, daily and yearly water discharges and reduction targets. All water discharges are sent to same destination and the flowmeters that are in place can measure the volumes continuously.
Water discharges – volumes by treatment method	100%	Continuously	In place flowmeters that do real time monitoring	100% of water discharges from industrial operations and from domestic use are monitored and treated separately. Treatment methods: For industrial wastewater: coagulation, neutralization, sedimentation and DAF. After Primary treatment, effluent is further treated in activated sludge process together with domestic wastewater. For Domestic wastewater: Activated sludge with pure oxygen. In 2022, all of the industrial (generated from production, mainly from painting process) and domestic wastewater were treated according to Water Pollution Control Legislation.
Water discharge quality – by standard effluent parameters	100%	Daily	Everyday samples are taken in 3 shifts in 4 different points. The points the samples are taken are coagulation entry pool, flocculation exit pool, domestic water entry and treated water exit pipes.	Every day at the treatment plant, samples are taken from four points by the operating staff in three shifts: coagulation inlet pool, flocculation outlet pool, domestic water inlet, and treated water outlet trough. The analyses listed in the table below are performed. These analyses are conducted using Test Kits prepared according to the Treatment Plant Analysis Handbook with the number GT-ÇŞ-04 and the devices available in the laboratory. The results of the analyses are recorded in the process control form. Also plant effluent has been examined by an authorized external company and the results have been formally reported to the Legal Authority. According to Water Pollution Control Legislation, discharge limits have been defined in Table 18-2 and Table 20-7 for the Sector "Manufacturing of Road Transport Vehicles" Monitoring frequency : 1 / 15 days
Water discharge quality – emissions to water (nitrates, phosphates, pesticides, and/or other priority substances)	Not relevant	<Not Applicable>	<Not Applicable>	We do not produce products that can generate the aforementioned pollutants.
Water discharge quality – temperature	100%	Continuously	In place temperature sensors	All of the discharged water temperatures are monitored by in place temperature sensors.
Water consumption – total volume	100%	Continuously	In place flowmeters that do real time monitoring	100% of water withdrawals from our 6 underground wells are measured separately and totally at the same time to monitor hourly, daily and yearly water consumption trends and reduction targets. Also 100% of water discharges are monitored continuously and consumption can be monitored continuously as well.
Water recycled/reused	100%	Continuously	In place flowmeters that do real time monitoring	100% of reused water consumption is measured and monitored continuously to evaluate consumption trends and reduction targets.
The provision of fully-functioning, safely managed WASH services to all workers	100%	Monthly	Monthly sample taking and testing	100% of water consumption for domestic purposes is measured and monitored in monthly basis to evaluate consumption trends and reduction targets.

W1.2b

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

	Volume (megaliters/year)	Comparison with previous reporting year	Primary reason for comparison with previous reporting year	Five-year forecast	Primary reason for forecast	Please explain
Total withdrawals	794.6	About the same	Increase/decrease in business activity	Much lower	Increase/decrease in efficiency	<p>We increased our business activity compared to previous year so that is why the total withdrawal numbers stood about the same, with a slight increase.</p> <p>With our investment into efficiency projects and constant improvement in our efficiency and increased water reuse rate we expect this volume to be much more lower in 5 years.</p> <p>Our definition for change: Much higher: >+10%, Higher: >+5%, About the same: <+/-5%, Lower: >-5%, Much lower: >-10%.</p>
Total discharges	437.94	About the same	Increase/decrease in business activity	Much lower	Increase/decrease in efficiency	<p>We increased our business activity compared to previous year so that is why the total discharge numbers stood about the same, with a slight increase.</p> <p>With our investment into efficiency projects and constant improvement in our efficiency and increased water reuse rate we expect this volume to be much more lower in 5 years.</p> <p>Our definition for change: Much higher: >+10%, Higher: >+5%, About the same: <+/-5%, Lower: >-5%, Much lower: >-10%.</p>
Total consumption	356.66	About the same	Increase/decrease in business activity	Much lower	Increase/decrease in efficiency	<p>We increased our business activity compared to previous year so that is why the total consumption numbers stood about the same, with a slight increase.</p> <p>With our investment into efficiency projects and constant improvement in our efficiency and increased water reuse rate we expect this volume to be much more lower in 5 years.</p> <p>Our definition for change: Much higher: >+10%, Higher: >+5%, About the same: <+/-5%, Lower: >-5%, Much lower: >-10%.</p>

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	No	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>	WWF Water Risk Filter	According to methodology, our company is scored 2.2 in Company related risk and 2.7 basin related risk.

W1.2h

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

	Relevance	Volume (megaliters/year)	Comparison with previous reporting year	Primary reason for comparison with previous reporting year	Please explain
Fresh surface water, including rainwater, water from wetlands, rivers, and lakes	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	At TOFAŞ, fresh surface water is not used.
Brackish surface water/Seawater	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	At TOFAŞ, brackish surface water is not used.
Groundwater – renewable	Relevant	794.6	About the same	Increase/decrease in business activity	<p>We increased our business activity compared to previous year so that is why the total withdrawal numbers stood about the same, with a slight increase.</p> <p>Our definition for change: Much higher: >+10%, Higher: >+5%, About the same: <+/-5%, Lower: >-5%, Much lower: >-10%.</p>
Groundwater – non-renewable	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	At TOFAŞ, non-renewable groundwater is not used.
Produced/Entrained water	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	At TOFAŞ, produced water is not used.
Third party sources	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	At TOFAŞ, third party sources are not used.

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	437.94	About the same	Increase/decrease in business activity	<p>We treat all of our wastewater in our inhouse treatment facility and all of our discharges are monitored in volumes and quality daily. They are reviewed and approved by local authorities. All of our wastewater discharges are within permissible limits of both local and international standards.</p> <p>We increased our business activity compared to previous year so that is why the total discharge numbers stood about the same, with a slight increase.</p> <p>Our definition for change: Much higher: >+10%, Higher: >+5%, About the same: <+/-5%, Lower: >-5%, Much lower: >-10%.</p>
Brackish surface water/seawater	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	TOFAŞ does not discharge water to sea or brackish surface water.
Groundwater	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	TOFAŞ does not discharge water to groundwater.
Third-party destinations	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	We treat our all wastewater and directly discharge to freshwater sources within permissible limits.

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	437.94	About the same	Increase/decrease in business activity	100%	<p>At TOFAŞ, we submit all of our discharges to primary, secondary and tertiary treatment stages.</p> <p>Rationale for treatment levels: We make our discharges to freshwater and we care about the environment wellbeing so we are not only complying but also going beyond the local regulation limits.</p> <p>We are adhering to international and local standards for permissible limits for wastewater. We also make literature reviews for choosing the right treatment stages for our wastewater.</p> <p>We increased our business activity compared to previous year so that is why the total discharge numbers stood about the same, with a slight increase.</p> <p>We expect that the volumes will be much lower with our investments.</p> <p>Our definition for change: Much higher: >+10%, Higher: >+5%, About the same: <+/-5%, Lower: >-5%, Much lower: >-10%.</p>
Secondary treatment	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>	We put our wastewater into more advanced treatment stages so this value here is not relevant for us.
Primary treatment only	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>	We put our wastewater into more advanced treatment stages so this value here is not relevant for us.
Discharge to the natural environment without treatment	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>	We do not discharge any wastewater without treatment.
Discharge to a third party without treatment	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>	We do not discharge any wastewater without treatment.
Other	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>	

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	3767948 837.34	794.6	4741944.16982 129	<p>We used the average EUR/TRY exchange rate of 17.3955 for conversion of our TRY revenue to EUR.</p> <p>In the forward trend we anticipate that this efficiency number will increase much more since, we are implementing water reuse and water efficiency projects. We expect our revenues to increase and expect much lower water withdrawal volumes and therefore we forecast that this efficiency value will increase.</p>

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	

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	We are currently exploring about educating our customers and sales partners also our employees and we anticipate that we will be doing engagement activities within 2 years.

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

Basin status (e.g., water stress or access to WASH services)

Supplier dependence on water

Supplier impacts on water availability

Supplier impacts on water quality

Number of suppliers identified as having a substantive impact

16

% of total suppliers identified as having a substantive impact

1-25

Please explain

We are closely monitoring our suppliers at TOFAŞ and we assess their risks in terms of their impacts and dependence on water.

We firstly assess their impact on their basin status with the criterion being water stress, drought risk, water scarcity etc. We use WWF Water Risk Filter and WRI Aqueduct tools for reviewing such criteria. If they are located in water stressed areas and if their withdrawal numbers are increasing or they are not taking any actions for reductions we count them as impactful in this context.

We also ask them to calculate their water footprints according to and compliant to ISO 14046. We check their consumptions and make comparisons with previous years. If their change is more than +5% we count them as impactful.

Also, they have to compliant with local regulations in their respective regions. If they received any fines from their respective authorities, they are counted as impactful by our assessments.

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

Complying with going beyond water-related regulatory requirements

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

100%

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

76-99

Mechanisms for monitoring compliance with this water-related requirement

- Certification
- Fines and penalties
- On-site third-party audit
- Supplier self-assessment
- Supplier scorecard or rating

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

Exclude

Comment

We expect all of our suppliers to be in compliance and even go beyond regulatory requirements. We yearly check their compliance with their respective regulatory authorities and take corrective actions to educate them or raise awareness in this issue. We constantly check them and if they are facing hardship in these issues, we conduct audits and advise them for corrective actions. If the problems persist after advisement or no action is taken to rectify, they are excluded from our supplier lists.

Water-related requirement

Conducting water-related risk assessments on a regular basis (at least once annually)

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

100%

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

100%

Mechanisms for monitoring compliance with this water-related requirement

- Fines and penalties
- Supplier self-assessment
- Supplier scorecard or rating

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

Exclude

Comment

We are asking our suppliers to conduct their own self risk assessments and to submit their assessments to us in this matters. They are required to submit their reports on an annual basis. Their assessments also help us to make our own assessments within our upstream value chain. If they are not reporting on time, their scorecard points go down and penalties may be applied. If they fail to comply within their time limits, they may be excluded.

Water-related requirement

Providing fully-functioning, safely managed WASH services to all workers

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

100%

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

100%

Mechanisms for monitoring compliance with this water-related requirement

- Fines and penalties
- On-site third-party audit
- Supplier self-assessment
- Supplier scorecard or rating

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

Exclude

Comment

All of our suppliers have to provide fully functioning WASH services to all workers in their respective facilities. If they fail to comply, we conduct audits and point them to rectify the problems. They are constant scored for this annually. And if their score goes lower, exclusion may be applied.

W1.5d

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

Type of engagement

Innovation & collaboration

Details of engagement

Encourage/incentivize innovation to reduce water impacts in products and services
Educate suppliers about water stewardship and collaboration

% of suppliers by number

100%

% of suppliers with a substantive impact

100%

Rationale for your engagement

We aim to educate our suppliers on water related issues and we also aim to reduce their water impacts and to be a water steward. We also encourage them to learn best practices from us and other suppliers and from each other.

As a part of the development program, an "Environment and Energy Day" is organized annually in order to rise the awareness of the environmental friendly applications and collaboration between suppliers.

Impact of the engagement and measures of success

Our suppliers can learn other suppliers activities and also on this day third party companies share information about water management, water risks and global trends. As a result of this program some of our suppliers started to work on water footprint calculation.

We measure the success of this approach by making questionnaires and check the attendance in our events.

Comment

Type of engagement

Information collection

Details of engagement

Collect water management information at least annually from suppliers
Collect information on water-related risks at least annually from suppliers
Collect water quantity information at least annually from suppliers (e.g., withdrawal and discharge volumes)

% of suppliers by number

100%

% of suppliers with a substantive impact

100%

Rationale for your engagement

At Tofaş, we maintain a vigilant approach in monitoring and overseeing our direct material suppliers' activities concerning fresh water resources. This involves closely tracking factors such as water consumption, waste water volume, discharge points, waste water quality management systems, and contingency plans to address potential water scarcity in their respective locations. The reason for this thorough scrutiny is that fresh water is essential for our suppliers' operations, and any water-related challenges they face could have an impact on our own processes. The availability of resources is influenced by both physical conditions and regulatory factors. To gather relevant information, we administer a questionnaire to our suppliers, seeking details about their water usage, sources, water treatment procedures, and the quality of their waste water.

Impact of the engagement and measures of success

All of our suppliers have responded to the questionnaire, providing us with valuable data. Based on the information collected, we have developed a risk profile and risk matrix to assess their vulnerability in case of regulatory changes and potential disruptions to their processes. The assessment indicates that no significant risks have been identified, but we maintain vigilant monitoring activities to ensure ongoing oversight.

Furthermore, utilizing the gathered data, we have conducted an environmental impact assessment through an EIA matrix, specifically addressing water-related issues. This assessment has enabled us to design and implement a development program aimed at promoting responsible utilization of environmental resources, including water, and mitigating the environmental impacts associated with our suppliers. As a result of short-term actions, we have achieved a 45% reduction in water consumption across 14 suppliers.

Comment

Data collection for monitoring is conducted annually for the risk assessment where suppliers which are in development program are monitored monthly with the supporting site audits.

W2. Business impacts

W2.1

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

No

W2.2

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

	Water-related regulatory violations	Fines, enforcement orders, and/or other penalties	Comment
Row 1	No	<Not Applicable>	TOFAS was not subjected to any fines, enforcement orders and any other penalties in the reporting year.

W3. Procedures

W3.1

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

	Identification and classification of potential water pollutants	How potential water pollutants are identified and classified	Please explain
Row 1	Yes, we identify and classify our potential water pollutants	We have safety and information sheets provided on all procured materials. We have all the necessary information of the pollutants for the materials. We use literature reviewing for classifying materials and also we use the local regulatory standards for the pollutants. We gather samples from all of our wastewater in 3 shifts and from 4 different points per day. We analyze these samples as per the local regulation and also we use GT-ÇŞ-04 no Wastewater Treatment Analysis Handbook for the analyses that are made. We also have targets for the pollutants lower than the local regulatory limits. We are already going beyond regulations in this matter.	<Not Applicable>

W3.1a

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

Water pollutant category

Other nutrients and oxygen demanding pollutants

Description of water pollutant and potential impacts

Chemical Oxygen Demand

Indeed, the Chemical Oxygen Demand (COD) is a critical parameter utilized to assess the level of pollution in both domestic and industrial wastewater, with particular emphasis on industrial wastewater. COD is present in significant quantities in wastewater and serves as a primary indicator of pollution.

The measurement of oxygen demand plays a crucial role in evaluating the waste loads of treatment plants and assessing the efficiency of wastewater treatment processes. By quantifying the amount of oxygen required for the oxidation of organic and inorganic substances in the wastewater, COD helps in understanding the extent of contamination and aids in formulating effective treatment strategies to address environmental concerns.

Due to its sensitivity to a wide range of organic and inorganic pollutants, COD serves as a valuable tool in monitoring and managing water quality, supporting efforts to safeguard natural ecosystems and human health. Therefore, it is an essential parameter in wastewater analysis and environmental protection.

Value chain stage

Direct operations

Supply chain

Actions and procedures to minimize adverse impacts

Beyond compliance with regulatory requirements

Reduction or phase out of hazardous substances

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

Please explain

In Turkey, the local legislation governing wastewater discharge sets the maximum permissible limit for Chemical Oxygen Demand (COD) at 300 mg/L. However, TOFAŞ, as a responsible company, goes beyond the local limit by implementing specific treatment methods that adhere to both local and international standards. Our goal is to achieve a more stringent COD level, in line with the internal company standards, which have set a limit of 140 mg/L.

To achieve this target, TOFAŞ employs the most effective treatment methods available for their treated wastewater. These methods are carefully selected from a combination of local and international standards, as well as relevant literature on wastewater treatment. Regular monitoring using necessary sensors is performed on a daily basis to measure and ensure the effectiveness and success of the treatment procedures.

By surpassing the local limit and meeting the more stringent our internal standards, TOFAŞ demonstrates its commitment to environmental responsibility and sustainable practices in managing their wastewater discharge. This proactive approach helps to protect the environment and supports the company's dedication to complying with global best practices in wastewater management.

Water pollutant category

Inorganic pollutants

Description of water pollutant and potential impacts

Heavy Metals: Nickel(Ni), Zinc(Zn)

The uncontrolled release of heavy metals into the environment has become a concerning issue, as they are increasingly present in wastewater. Wastewater containing heavy metals poses a significant threat to all living organisms. These metals not only cause severe environmental problems but also contribute to the accumulation of toxins in the food chain, jeopardizing food safety, human health, and the overall ecosystem.

When heavy metals enter the body through water and nutrients, they have the potential to accumulate in living organisms, leading to detrimental effects on various life

activities. One alarming aspect of heavy metals is that they are non-biodegradable, which means they persist in the environment for extended periods. Due to their toxic and/or carcinogenic properties, their presence in concentrations above permissible limits can result in critical health problems for the ecosystem.

The toxic effects of these pollutants vary depending on factors such as the specific metal's properties, the amount taken, and the form of exposure. It is crucial to address the issue of heavy metal contamination in wastewater to safeguard the environment, protect human health, and maintain the balance of ecosystems. Implementing proper wastewater treatment and adopting strict regulations are essential steps in mitigating the adverse impacts of heavy metals on our surroundings.

Value chain stage

Direct operations
Supply chain
Product use phase

Actions and procedures to minimize adverse impacts

Beyond compliance with regulatory requirements
Provision of best practice instructions on product use
Reduction or phase out of hazardous substances
Discharge treatment using sector-specific processes to ensure compliance with regulatory requirements

Please explain

TOFAŞ is committed to ensuring the responsible treatment of its wastewater, especially in regards to heavy metal contamination. To achieve this, the company employs specific treatment methods that adhere to both local and international standards, with the ultimate goal of meeting the stringent limit of 0.8 mg/L for Nickel and 1 mg/L for Zinc set by our internal standards. It is also lower than the local limits of 1 mg/L for Nickel and 2 mg/L for Zinc.

By using the most effective treatment methods available, TOFAŞ is able to successfully comply with internal limit of 0.8 mg/L and 1 mg/L for heavy metals in their treated wastewater. The selection of procedures is carefully based on a combination of local and international standards, as well as thorough literature reviews on wastewater treatment.

To maintain the effectiveness and success of these treatment procedures, TOFAŞ closely monitors the process using necessary sensors on a daily basis. This vigilant monitoring allows the company to ensure that heavy metal concentrations in the treated wastewater remain within the permissible limits, thus contributing to environmental protection, human health, and the overall well-being of the ecosystem.

Water pollutant category

Other physical pollutants

Description of water pollutant and potential impacts

Total Suspended Solids

Suspended solids in drinking water and wastewater have significant effects on the environment and human health. Total Suspended Solids (TSS) are solid particles suspended in water, causing turbidity and visible particles. TSS includes organic and inorganic materials like silt, clay, and debris.

Environmental impacts include reduced dissolved oxygen levels and increased water temperature. Lowered oxygen levels harm aquatic life dependent on it. TSS can absorb and retain heat, raising water temperature, negatively impacting aquatic ecosystems.

TSS-induced turbidity obstructs sunlight, disrupting photosynthesis in aquatic plants, affecting their growth and ecosystem balance. Human health concerns arise from TSS-contaminated drinking water, visually unappealing and potentially harmful. TSS can overload wastewater treatment plants, reducing efficiency, leading to untreated pollutant release.

Addressing these issues necessitates effective wastewater treatment, managing TSS to safeguard aquatic ecosystems, provide clean water, and maintain overall environmental health.

Value chain stage

Direct operations
Supply chain

Actions and procedures to minimize adverse impacts

Beyond compliance with regulatory requirements
Reduction or phase out of hazardous substances
Discharge treatment using sector-specific processes to ensure compliance with regulatory requirements

Please explain

TOFAŞ is committed to responsible wastewater treatment and employs specific methods that meet both local legal standards and internal standards, aiming to achieve a maximum limit of 40 mg/L for total suspended solids (TSS) in treated wastewater. Local legal standard is 80 mg/L and we are committed to go beyond legal regulations.

To ensure compliance, TOFAŞ carefully selects treatment procedures from a combination of local and international standards. They also conduct thorough literature reviews on wastewater treatment to identify the most effective methods.

Daily monitoring, aided by necessary sensors, is implemented to measure the effectiveness and success of these treatment procedures. This regular observation allows TOFAŞ to maintain TSS levels within the permissible limits, contributing to environmental protection and meeting the required standards set by both the local authorities and the internal standards of our company.

By adhering to these rigorous practices, TOFAŞ demonstrates its commitment to environmental responsibility and sustainable wastewater management, safeguarding ecosystems, and preserving water quality for the benefit of both the environment and human health.

Water pollutant category

Inorganic pollutants

Description of water pollutant and potential impacts

Fluoride (F⁻)

Fluoride is a crucial parameter to consider when discharging wastewater into the receiving environment. Fluoride exists in water as an ion, and in small amounts, it can have beneficial effects. However, excessive fluoride intake can lead to adverse consequences.

When the fluoride concentration in water exceeds 2 mg/L, it can be detrimental to oral health. Overexposure to fluoride can cause dental fluorosis, leading to discoloration and damage to tooth enamel, particularly in young children.

Furthermore, at fluoride levels exceeding 4 mg/L, more severe health issues may arise. Long-term exposure to high fluoride concentrations can lead to skeletal fluorosis, resulting in bone damage and deformities. Additionally, neurological disorders may develop in individuals exposed to such elevated fluoride levels.

Therefore, it is essential to carefully monitor and control fluoride levels in wastewater to prevent any harmful effects on the receiving environment and to safeguard public health. Proper wastewater treatment and adherence to fluoride concentration guidelines can help maintain water quality and mitigate potential health risks associated with excessive fluoride exposure.

Value chain stage

Direct operations

Actions and procedures to minimize adverse impacts

Beyond compliance with regulatory requirements

Reduction or phase out of hazardous substances

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

Please explain

As TOFAŞ, we prioritize compliance with environmental regulations and take proactive measures to ensure responsible wastewater management. To address fluoride concentration, we maintain adherence to the legal limit of 5 mg/L by achieving a concentration of 4 mg/L at our treatment plants.

Continuous examination of our treatment plants' performance is part of our commitment to environmental stewardship. We monitor the effluent parameters on a daily basis to ensure that our wastewater treatment process is efficient and effective.

TOFAŞ also places great emphasis on management systems. We strictly adhere to the guidelines outlined in the TOFAŞ Wastewater Treatment Plant Handbook, and we go beyond the legal limits to further safeguard the environment. By implementing these measures, we aim to protect both the receiving environment and public health, while demonstrating our commitment to sustainable practices and environmental responsibility.

W3.3

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

Yes, water-related risks are assessed

W3.3a

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

Value chain stage

Direct operations

Coverage

Full

Risk assessment procedure

Water risks are assessed as part of other company-wide risk assessment system

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

International methodologies and standards

Tools and methods used

WRI Aqueduct

WWF Water Risk Filter

Environmental Impact Assessment

Life Cycle Assessment

ISO 14001 Environmental Management Standard

ISO 14046 Environmental Management - Water Footprint

Contextual issues considered

Water availability at a basin/catchment level

Impact on human health

Water regulatory frameworks

Status of ecosystems and habitats

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

Stakeholders considered

Customers

Employees

Investors

Regulators

Water utilities at a local level

Comment

TOFAŞ assesses its water related risks in a company-wide risk assessment system. TOFAŞ evaluates its water-related risks in accordance with global standards and employs a range of commercially available tools. TOFAŞ, on the other hand, identifies these risks based on the aforementioned tools and evaluates their likelihood and

potential occurrence frequencies using the TCFD index, which is publicly accessible on the company's website included in the annual report.

TOFAS also discloses water-related risks in the Environmental Impact Assessment Risk Analysis Form. This form encompasses a comprehensive evaluation of various aspects, including the departments and activities associated with water risks, the environmental implications, the impact on the receiving environment, mitigation measures implemented, the probability of occurrence, the extent of impact, the environmental significance, and recommended actions. To ensure ongoing monitoring, a dedicated form is continuously updated to track the actions taken in response to water-related risks. The risks are then calculated in a severity / frequency - probability matrix.

Risk assessment is carried out as including all possible risks foreseen and reviewed annual basis. we're assessing; we're looking at water stress, flooding, heat waves, cold waves, hurricanes, wildfires, and sea level rise.

Value chain stage

Supply chain

Coverage

Partial

Risk assessment procedure

Water risks are assessed in an environmental risk assessment

Frequency of assessment

Annually

How far into the future are risks considered?

3 to 6 years

Type of tools and methods used

Tools on the market

International methodologies and standards

Tools and methods used

WRI Aqueduct

WWF Water Risk Filter

Environmental Impact Assessment

ISO 14001 Environmental Management Standard

ISO 14046 Environmental Management - Water Footprint

Contextual issues considered

Water availability at a basin/catchment level

Water regulatory frameworks

Stakeholders considered

Suppliers

Comment

TOFAS assesses its water related risks in the supply chain in an environmental risk assessment system. TOFAS evaluates its water-related risks in accordance with global standards and employs a range of commercially available tools. TOFAS, on the other hand, identifies these risks based on the aforementioned tools and evaluates their likelihood and potential occurrence frequencies.

Data collection for monitoring is conducted annually for the risk assessment where suppliers which are in development program are monitored monthly with the supporting site audits. (150 supplier companies)

The risks are then calculated in a severity / frequency - probability matrix.

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>In order to measure the full extent of our risk exposure to water-related issues both the value chain and direct operations should be assessed.</p> <p>For the level of coverage, we fully assessed our direct operations and partially our upstream value chain. Since we are located in a single facility and all of our departments have their own risk assessments full coverage for our direct operations were logical. We partially assessed our suppliers and we are currently increasing the numbers as well.</p> <p>We utilize a range of effective tools to assess and manage our risks. These include:</p> <p>WRI Aqueduct and WWF Water Risk Filter: These tools help us evaluate drought risk, baseline water stress, and water scarcity in our region.</p> <p>ISO 14046: This standard allows us to review our water footprints and identify areas within our organizational boundaries where water usage and consumption are most significant.</p> <p>ISO 14001: By implementing this environmental management standard, we can gauge the effectiveness of our environmental practices and identify potential risks.</p> <p>LCA and EIA: These tools enable us to understand the environmental impacts of our products and assess the risks related to climate and water arising from our operations.</p> <p>We classify our risks by their severity and probability/frequency and also with their time frames. Such as short term, medium or long term.</p>	<p>As TOFAŞ, we place significant emphasis on Water Regulatory Frameworks, as transitional regulations may give rise to potential risks. Our commitment is not only to comply with regulations but also to surpass them whenever possible.</p> <p>We take great care to safeguard ecosystems and habitats that might be impacted by our operations, recognizing that this responsibility extends to mitigating various risks and protecting our company's reputation.</p> <p>Providing fully functioning and safely managed WASH services to all our employees is a paramount priority. As one of the largest polyester producers with a substantial workforce, we diligently assess risks related to this matter to ensure the well-being of our employees remains safeguarded.</p> <p>In our risk assessments, we also carefully consider the impact on human health. This conscientious approach is driven by our genuine concern to prevent any adverse effects on human health. Neglecting this contextual aspect could lead to significant financial repercussions for our company.</p> <p>Water availability holds immense importance in the petrochemical industry. Thus, we take water-related risks seriously and factor in water stress, groundwater levels, drought risks, and water scarcity while conducting our assessments.</p> <p>By incorporating these considerations into our risk assessments, we demonstrate our dedication to responsible operations, sustainability, and proactively addressing potential challenges that may impact our business and stakeholders.</p>	<p>TOFAŞ takes into account its direct stakeholders, including investors, employees, and customers, who are likely to be directly impacted by potential risks. Recognizing their significance, we proactively consider their well-being and interests in our risk assessment processes.</p> <p>At a local level, we also extend our considerations to encompass the welfare of local communities and water utilities. As a company operating within a specific region, we understand the importance of harmonious relations with our neighbors and the need to address risks that could affect both the communities and our own operations.</p> <p>Regulators hold a crucial role in shaping the regulatory environment. We actively engage with regulators as a part of our risk assessment strategy. Understanding the regulatory landscape helps us identify regulatory risks and ensures compliance with the applicable laws. Furthermore, our actions to mitigate risks are also taken with regard to how they may impact the regulators themselves.</p> <p>By taking a comprehensive approach to risk assessment and involving all relevant stakeholders, TOFAŞ demonstrates its commitment to responsible and sustainable practices that benefit both the company and its surrounding communities.</p>	<p>We examine the risks by the methodology environmental impact assessment company wide including every business unit mainly production units which represents every steps of the production (i.e body shop, paint shop, assembly shop etc.)</p> <p>We are collecting the related all necessary data/practices/applications and assess process by process in our risk matrix which is based on EIA Methodology. In accordance with the scores produced by the risk matrix based on EIA Methodology severity of the risks is decided. In addition S&P Global Trucost made an climate change risk assessment according to TCFD risk categories. This risk assessment also shows water risks , we use WRI Water aqueduct and assessed water stress, flooding, heat waves, cold waves, hurricanes, wildfires, and sea level rise.</p> <p>In accordance with the scores and the severity of the assessment countermeasures are planned. By planning the countermeasures a classification is carried out as short, middle and long term. Furthermore Life cycle Approach and stakeholder impacts is taking into consideration in the planning process.</p> <p>Then the risk assessments are brought to attention of the CEO and the board. Then they advise corrective measures and also prioritize the actions based on the risks' timeframe and according to the company's business and strategic plans.</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, both in direct operations and the rest of our value chain

W4.1a

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

As TOFAŞ, we position climate risks in our value chain. We evaluate these risks according to the importance of managing them in a better and integrated way. These climate risks are determined by our score over the financial impact values.

At TOFAŞ, the Risk Management System is a multi-disciplinary and integrated process under the responsibility of the Board of Directors.

The climate-related risk assessment process starts with categorizing the probability of occurrence, potential impact on profitability, business continuity, and reputation (and a combination of these elements). These elements are analyzed together to determine the importance and order of priority of risks. Current measures are analyzed, and future containment measures, action plans and responsible persons are identified for the events that exceed a predetermined severity threshold.

According to the TOFAŞ risk assessment methodology, climate-related risks are scored considering financial, reputation-related, productive, operational, human, and legal effects. The maximum score is defined as the risk assessment score. All risks are evaluated according to impact, probability, and time frame. If the score is less than six as a result of the calculation, we define the risk as acceptable. Other classifications are moderate risk (scores 6 to 12) and high risk (scores 12 to 16). However, if there is a reputational or legal risk, the potential risk is always defined as "High". To score financial impact, risk can be defined as an appropriate level of financial loss that does not have a material impact on the company. Less than 1,000,000 euros is not considered a significant economic impact.

TOFAŞ has defined substantial change as 5% change in our business, operation, revenues or expenditure from risk. Less than 1 000 000 Euro is not considered as substantive financial impact.

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	1	100	TOFAŞ has single production plant.

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

Turkey	Other, please specify (Nilüfer river)
--------	---------------------------------------

Number of facilities exposed to water risk

1

% company-wide facilities this represents

100%

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

<Not Applicable>

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

<Not Applicable>

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

<Not Applicable>

% company's total global revenue that could be affected

Less than 1%

Comment

There is business continuity risk in case of flood , but according to our experience, damage is less than 1% .

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

Turkey	Other, please specify (Nilüfer River)
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Type of risk & Primary risk driver

Acute physical	Flood (coastal, fluvial, pluvial, groundwater)
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Primary potential impact

Closure of operations

Company-specific description

The main risks identified were related to flooding from Nilufer River which is 500 meters away from Tofas.

Timeframe

1-3 years

Magnitude of potential impact

Low

Likelihood

Likely

Are you able to provide a potential financial impact figure?

Yes, a single figure estimate

Potential financial impact figure (currency)

100000

Potential financial impact figure - minimum (currency)

<Not Applicable>

Potential financial impact figure - maximum (currency)

<Not Applicable>

Explanation of financial impact

The financial impact of potential extreme weather events refers to possible damage to plants and impacts on business continuity. These impacts are limited due to the deployment of preventive plans, specific protection systems. In addition financial impact is very low due to insurance coverage.

Primary response to risk

Improve maintenance of infrastructure

Description of response

Tofas has put in place an Emergency Response Plan to prevent events that could negatively impact the continuity of production. Tofas has constructed second storm water collector to the River to eliminate the flooding risk.

Cost of response

250000

Explanation of cost of response

Tofas has constructed second storm water collector to the River to reduce the flooding risk. Also we have cleaning and maintenance routine for sewer system.

W4.2a

(W4.2a) Provide details of risks identified within your value chain (beyond 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

Turkey	Other, please specify (Nilüfer River)
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Stage of value chain

Supply chain

Type of risk & Primary risk driver

Regulatory	Regulation of discharge quality/volumes
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Primary potential impact

Reduction or disruption in production capacity

Company-specific description

15% of our direct material suppliers has waste water treatment system and they discharge their waste water directly receiver environment. So in case of any new discharge limit regulation , they will be effected. The main risk is defined as reduction or disruption in production capacity because this risk also effects Tofaş directly.

Timeframe

4-6 years

Magnitude of potential impact

Medium

Likelihood

About as likely as not

Are you able to provide a potential financial impact figure?

Yes, a single figure estimate

Potential financial impact figure (currency)

0

Potential financial impact figure - minimum (currency)

<Not Applicable>

Potential financial impact figure - maximum (currency)

<Not Applicable>

Explanation of financial impact

Risks exist, but no substantive impact anticipated

Primary response to risk

Direct operations	Other, please specify (Pollution abatement and control measures)
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Description of response

We analyzed our suppliers water risk assessment according to their current situation. They defined new control methods and measurements with our contribution in order to keep risk level acceptable and low.

Cost of response

0

Explanation of cost of response

Operational control measures have no substantive cost.

W4.3

(W4.3) Have you identified any water-related opportunities with the potential to have a substantive financial or strategic impact on your business?

Yes, we have identified opportunities, and some/all are being realized

W4.3a

(W4.3a) Provide details of opportunities currently being realized that could have a substantive financial or strategic impact on your business.

Type of opportunity

Markets

Primary water-related opportunity

Increased shareholder value

Company-specific description & strategy to realize opportunity

Sustainable water consumption is a material aspect for Tofaş. We disclose the short and long term targets and the results obtained to stakeholders. This aspect is also important for the assessments made by external verifiers to gain Istanbul Stock Exchange "Sustainability Index".

Estimated timeframe for realization

1 to 3 years

Magnitude of potential financial impact

Unknown

Are you able to provide a potential financial impact figure?

Yes, a single figure estimate

Potential financial impact figure (currency)

0

Potential financial impact figure – minimum (currency)

<Not Applicable>

Potential financial impact figure – maximum (currency)

<Not Applicable>

Explanation of financial impact

Potential financial impact is zero because environmentally friendly production is important for sustainability indexes but it doesn't have any effect on stock value yet in Turkey.

But we anticipate in the close future, we will see positive return on our stock prices.

Type of opportunity

Efficiency

Primary water-related opportunity

Cost savings

Company-specific description & strategy to realize opportunity

Regulative changes might cause unit price increase with water related issues . Although by means of the water consumption reduction projects and activities operational costs will be reduced.

Estimated timeframe for realization

1 to 3 years

Magnitude of potential financial impact

Low-medium

Are you able to provide a potential financial impact figure?

Yes, a single figure estimate

Potential financial impact figure (currency)

33000

Potential financial impact figure – minimum (currency)

<Not Applicable>

Potential financial impact figure – maximum (currency)

<Not Applicable>

Explanation of financial impact

In scope of our sustainability roadmap, one of our targets is reduce water gross consumption and intense value (m3/vehicle). Also, efficiency and reduced water consumption leads to reduction at operational costs. However, groundwater usage billing is constant and independent from usage amount according to regulation. So, water usage cost and operational cost are not substantive. The figure given in the potential impact is for per year of saving.

Type of opportunity

Efficiency

Primary water-related opportunity

Water recovery from sewage management

Company-specific description & strategy to realize opportunity

We are currently investing and also planning to increase our investment for wastewater reclamation projects. We aim to increase our water reuse rate to 95%.

We aim to increase our investments to 600K euros for reclamation projects.

Estimated timeframe for realization

4 to 6 years

Magnitude of potential financial impact

Low-medium

Are you able to provide a potential financial impact figure?

Yes, a single figure estimate

Potential financial impact figure (currency)

110000

Potential financial impact figure – minimum (currency)

<Not Applicable>

Potential financial impact figure – maximum (currency)

<Not Applicable>

Explanation of financial impact

We will reduce our water related costs by the year 2026. In our target year, we target and anticipate 110000 euros per years cost saving.

W5. Facility-level water accounting

W5.1

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

Facility reference number

Facility 1

Facility name (optional)

Tofaş Bursa

Country/Area & River basin

Turkey	Other, please specify (Nilüfer River)
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Latitude

40

Longitude

29

Located in area with water stress

No

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)

794.6

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

794.6

Withdrawals from groundwater - non-renewable

0

Withdrawals from produced/entrained water

0

Withdrawals from third party sources

0

Total water discharges at this facility (megaliters/year)

437.94

Comparison of total discharges with previous reporting year

About the same

Discharges to fresh surface water

437.94

Discharges to brackish surface water/seawater

0

Discharges to groundwater

0

Discharges to third party destinations

0

Total water consumption at this facility (megaliters/year)

356.66

Comparison of total consumption with previous reporting year

About the same

Please explain

Our business activities increased so we saw a very slight increase but it is lower than 5%.

(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

ISO 14046

Türk Loydu Uygunluk Değerlendirme Hizmetleri A.Ş. undertook the following verification activities as part of its independent assurance:

Relevant personnel interviewed who are the responsible for the relevant data systems and collection, compilation and analyses processes during the site visit verification. Review and verify of performance indicator information and data with reference documents. Evaluation of data and information management systems in terms of collection, aggregation, analysis.

Please explain

<Not Applicable>

Water withdrawals – volume by source**% verified**

76-100

Verification standard used

ISO 14046

Türk Loydu Uygunluk Değerlendirme Hizmetleri A.Ş. undertook the following verification activities as part of its independent assurance:

Relevant personnel interviewed who are the responsible for the relevant data systems and collection, compilation and analyses processes during the site visit verification. Review and verify of performance indicator information and data with reference documents. Evaluation of data and information management systems in terms of collection, aggregation, analysis.

Please explain

<Not Applicable>

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

Not verified

Verification standard used

<Not Applicable>

Please explain

Verification was not planned for our facility related to water withdrawals' quality. But, we are improving our verifications to include this as well. Therefore, we plan to have our water withdrawal quality data verified in the next 2 years.

Water discharges – total volumes**% verified**

76-100

Verification standard used

ISO 14046

Türk Loydu Uygunluk Değerlendirme Hizmetleri A.Ş. undertook the following verification activities as part of its independent assurance:

Relevant personnel interviewed who are the responsible for the relevant data systems and collection, compilation and analyses processes during the site visit verification. Review and verify of performance indicator information and data with reference documents. Evaluation of data and information management systems in terms of collection, aggregation, analysis.

Please explain

<Not Applicable>

Water discharges – volume by destination**% verified**

76-100

Verification standard used

ISO 14046

Türk Loydu Uygunluk Değerlendirme Hizmetleri A.Ş. undertook the following verification activities as part of its independent assurance:

Relevant personnel interviewed who are the responsible for the relevant data systems and collection, compilation and analyses processes during the site visit verification. Review and verify of performance indicator information and data with reference documents. Evaluation of data and information management systems in terms of collection, aggregation, analysis.

Please explain

<Not Applicable>

Water discharges – volume by final treatment level

% verified

76-100

Verification standard used

ISO 14046

Türk Loydu Uygunluk Değerlendirme Hizmetleri A.Ş. undertook the following verification activities as part of its independent assurance:

Relevant personnel interviewed who are the responsible for the relevant data systems and collection, compilation and analyses processes during the site visit verification.
Review and verify of performance indicator information and data with reference documents. Evaluation of data and information management systems in terms of collection, aggregation, analysis.

Please explain

<Not Applicable>

Water discharges – quality by standard water quality parameters

% verified

76-100

Verification standard used

-Daily basis laboratory analysis by legal authorities and accredited laboratories. These qualities were reviewed and approved.
-ISO 14046

Please explain

<Not Applicable>

Water consumption – total volume

% verified

76-100

Verification standard used

ISO 14046

Türk Loydu Uygunluk Değerlendirme Hizmetleri A.Ş. undertook the following verification activities as part of its independent assurance:

Relevant personnel interviewed who are the responsible for the relevant data systems and collection, compilation and analyses processes during the site visit verification.
Review and verify of performance indicator information and data with reference documents. Evaluation of data and information management systems in terms of collection, aggregation, analysis.

Please explain

<Not Applicable>

W6. Governance

W6.1

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

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

W6.1a

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

	Scope	Content	Please explain
Row 1	Company-wide	Description of business dependency on water Description of business impact on water Commitment to align with international frameworks, standards, and widely-recognized water initiatives Commitment to prevent, minimize, and control pollution Commitment to reduce water withdrawal and/or consumption volumes in direct operations Commitment to reduce water withdrawal and/or consumption volumes in supply chain Commitment to safely managed Water, Sanitation and Hygiene (WASH) in the workplace Commitment to stakeholder education and capacity building on water security Commitments beyond regulatory compliance Reference to company water-related targets Acknowledgement of the human right to water and sanitation Recognition of environmental linkages, for example, due to climate change	TOFAŞ has a well-integrated water policy that aligns with ISO 14001 and ISO 50001, known as the "Environmental and Energy Policy." This policy is made publicly available as a requirement of the Environmental Management System (EMS) and the Energy Management System (EnMS). Water consumption is considered a significant aspect for TOFAŞ, and the company has established future targets related to this area as part of its Corporate Sustainability Management. To ensure accountability and transparency, performance standards for direct operations are included in the policy, and the company's targets and performance data are publicly reported on their website. Moreover, TOFAŞ has actively been exploring green procurement practices, and water management is a crucial aspect of these efforts. The company's collaboration with its value chain is also reported publicly on an annual basis, highlighting their commitment to sustainability and environmental initiatives. For more detailed information, you can refer to their Sustainability Policies page (https://www.tofas.com.tr/Surdurulebilirlik/Politikalar/Pages/default.aspx) and their Environmental and Climate Change page (http://tof.com.tr/en/Sustainability/EnvironmentClimateChange/Pages/default.aspx).

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)	TOFAŞ operates with a Sustainability Committee that has the primary responsibility of formulating sustainability and water policies, as well as handling sustainability/CDP reporting. The committee consists of key executives, including the Plant Director, Human Resources Director, Finance Director, Corporate Relations Director, External Relations Director, and ICT Director. The Plant Director, who reports directly to the CEO and is a member of Tofas Board of Directors, leads the Sustainability Committee. In addition, TOFAŞ has established a "Sustainability Work Group" accountable to the Plant Director. This group focuses on creating a sustainable management plan and preparing annual sustainability, water, and climate change reports. The Environmental Health and Safety (EHS) Manager leads this Work Group. Our CEO, takes the final decisions in investments into water efficiency projects.

W6.2b

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

	Frequency that water-related issues are a scheduled agenda item	Governance mechanisms into which water-related issues are integrated	Please explain
Row 1	Scheduled - all meetings	Monitoring implementation and performance Monitoring progress towards corporate targets Overseeing major capital expenditures Overseeing the setting of corporate targets 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 Setting performance objectives	TOFAŞ places the highest importance on establishing a sustainable and value-driven management approach. Within the company, Sustainability Management is considered one of the six primary pillars of corporate risk management. It falls under the purview of the Early Detection of Risk and Risk Management Committee, which ensures that sustainability-related activities are adequately addressed. The progress and initiatives taken by the Sustainability Management are reported to the Corporate Governance Committee, while the Board of Directors is kept informed about the company's sustainability efforts, including those related to water security. To ensure effective coordination and implementation, the Sustainability Team oversees the operations carried out by executives, including the CEO and other directors. The outcomes of these efforts are then reported to the relevant Board Committees, reinforcing the company's commitment to sustainable practices and transparent governance.

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	The CEO, who holds a dual role as a member of the board of directors, assumes responsibility for overseeing environmental matters closely linked to both environmental and economic dynamics. The evaluation of individual performance incorporates the fundamental principle of achieving long-term sustainable advancements, which extends beyond purely financial aspects. When determining employee compensation based on company performance, key principles considered include the sustainability of success and progress compared to previous years. Emphasizing the significance of sustained growth and improvement, the company sets targets that align with its commitment to long-term success and environmental responsibility.	<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)

Sustainability committee

Water-related responsibilities of this position

Managing water-related risks and opportunities
Setting water-related corporate targets
Monitoring progress against water-related corporate targets
Managing public policy engagement that may impact water security
Managing value chain engagement on water-related issues
Integrating water-related issues into business strategy
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)
Providing water-related employee incentives

Frequency of reporting to the board on water-related issues

Half-yearly

Please explain

At Tofaş, we manage water related issues in the scope of sustainability subjects . Our sustainability, thus water related strategies are defined and monitored by Tofaş Sustainability Committee. The Sustainability Working Group is responsible for strategic decision making about sustainability management and directly reports to the Sustainability Committee. CEO leads sustainability committee who is also a board member.

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

Environmental, health, and safety manager

Water-related responsibilities of this position

Assessing future trends in water demand
Assessing water-related risks and opportunities
Conducting water-related scenario analysis

Frequency of reporting to the board on water-related issues

More frequently than quarterly

Please explain

Environmental health and safety manager a member of sustainability committee and leader of sustainability working group manages water related issues including risks and opportunities in operational level. EHS Manager also monitor water consumption and waste water treatment and ensures proper management of these issues.

W6.4

(W6.4) Do you provide incentives to C-suite employees or board members for the management of water-related issues?

	Provide incentives for management of water-related issues	Comment
Row 1	Yes	We manage water related issues in the scope of sustainability subjects . Our sustainability, thus water related strategies are defined and monitored by Tofaş Sustainability Committee. The Sustainability Working Group is responsible for strategic decision making about sustainability management and directly reports to the Sustainability Committee. CEO leads sustainability committee who is also a board member.

W6.4a

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

	Role(s) entitled to incentive	Performance indicator	Contribution of incentives to the achievement of your organization's water commitments	Please explain
Monetary reward	Chief Executive Officer (CEO)	Reduction of water withdrawals – direct operations Reduction in water consumption volumes – direct operations Reduction of water withdrawal and/or consumption volumes – supply chain Improvements in water efficiency – direct operations Improvements in wastewater quality – direct operations Increased access to workplace WASH – supply chain	The performance indicators that are given in the previous columns are deeply integrated in our water related strategic plans and our policies. We commit to reduce our water withdrawals, consumption and ensure access to WASH. We aim to include our supply chain as well in these indicators. We also want our C-Suite employees to lead these projects and goals. We have set water reduction targets for the future years, controlling pollution, and continuous access to WASH throughout our value chain. If these yearly targets are achieved, our CEO can get a monetary reward and it is also indicated in their contracts. There are long term and short term plans. Each year the CEO can earn a monetary reward for achieving yearly targets. For achieving the longer term target of 2026, they can get a bigger monetary reward. The incentives have impacted our company for the better and we are already seeing increased investments for these targets and progress is being made. And also with this way, CEO is also incentivized to be more engaged with these issues.	The indicators are followed each year and tracked by the board of directors as well. If these targets are achieved the CEO can get a monetary bonus.
Non-monetary reward	Director on board	Improvements in water efficiency – direct operations Improvements in water efficiency – supply chain Improvements in water efficiency – product use Improvements in wastewater quality – direct operations Improvements in wastewater quality – supply chain Improvements in wastewater quality – product use Implementation of employee awareness campaign or training program on water-related issues Supply chain engagement	The indicators that are given are our commitments for water related issues and they are integrated in our business plans and strategic plans. The directors on board that are working toward these goals are incentivized and these progresses are reviewed yearly. They can get non monetary rewards such as increased vacation days or in some cases Award Certificates. The incentives have impacted our company for the better and we are already seeing increased investments for these targets and progress is being made. And also with this way, top management is also incentivized to be more engaged with these issues.	

W6.5

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

Yes, direct engagement with policy makers
Yes, trade associations

W6.5a

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

Tofaş environmental and energy policy based on lean and proactive approaches in environmental management including the water related issues. As stated in the policy, we aim to minimize energy and water consumption, waste generation, water and air emissions by means of applying continual improvement tools, best available techniques in our sector and training our employees, contractors, dealers and suppliers. This approach is applied minimizing the environmental effect as consumption reduction.

Tofaş is participating working groups in OSD (Chamber of Automotive Industry), BUSIAD (Bursa Chamber of Industry) and ISO (Istanbul Chamber of Industry) which are directly in touch with the policy makers, in order to follow up activities , developments regarding water policy/other related topics. By the participation to these working groups and their workshops, Tofaş shares its comments to ensure proper approaches to the water related issues.

W6.6

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

No, but we plan to do so in the next two years

W7. Business strategy

W7.1

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

	Are water-related issues integrated?	Long-term time horizon (years)	Please explain
Long-term business objectives	Yes, water-related issues are integrated	> 30	<p>Particularly fresh water and waste water related issues are integrated to our long term business objectives which is company specific time period as indicated in the time horizon section.</p> <p>We are making investments to reduce our water withdrawals and we invest in rainwater collection system to help us save water over in the long run.</p> <p>We consider the water related issues listed but not limited to below:</p> <ul style="list-style-type: none">-Lowering our consumption and throughout in the short term and long term periods.-Managing wastewater quality and going beyond requirements-Calculation of our water footprint and draw our consumption maps to take continuous corrective actions to reduce our consumptions.-Investing in water efficient technologies within our long term horizon <p>We integrate water-related issues mainly due to rising water costs and possible regulation changes to even price our groundwater consumption. Also we believe that our plans will bring us market recognition for producing sustainable products.</p>
Strategy for achieving long-term objectives	Yes, water-related issues are integrated	11-15	<p>Particularly fresh water and waste water related issues are integrated to our long term strategy which is company specific time period as indicated in the time horizon section. We defined our long term targets and share publicly on sustainability report. Also we report progress according to targets annually.</p> <p>We also inform and evolve our strategies with the progresses.</p> <p>We make risk assessments to take specific targets and goals and gather information from our suppliers as well to assess their risks and learn from their risks as well.</p> <p>We research the best methods for managing wastewater</p> <p>We invest into R&D projects to become more water efficient. It will also help us reduce costs in the long term and will also help us to better price our products. We can gain market share through these investments as well.</p>
Financial planning	Yes, water-related issues are integrated	11-15	<p>To reach our long term targets and go ahead on sustainability road map, all related actions and investments are integrated to financial planning process and strategical plans. for example; 1.advanced waste water treatment facility 2. rain water collection system 3. waste water recycling systems (inside production units)</p> <p>We are integrating our long term business plans to our financial planning as well.</p>

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)

100

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

4486

Water-related OPEX (+/- % change)

64

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

25

Please explain

In this reporting year our CAPEX was 15700 Euros. By the year 2026, we aim to increase our CAPEX to 720000 Euros. The forward anticipation for the change comes within this time frame for this reporting year.

Our OPEX from last year increased with the inflation rate in the reporting year. For the upcoming years we anticipate that it will also go with the inflation rate.

W7.3

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

	Use of scenario analysis	Comment
Row 1	Yes	<p>As a sustainability materiality, we consider climate changes and related issues as a business strategy figure.</p> <p>In TOFAŞ, we have also prepared a TCFD index to evaluate our climate and water related risks. The issues considered were temperature rises due to climate change, changes in precipitation regimes, potential drought and water scarcity.</p>

W7.3a

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

	Type of scenario analysis used	Parameters, assumptions, analytical choices	Description of possible water-related outcomes	Influence on business strategy
Row 1	Water-related Climate-related	2DS WRI Water Aqueduct RCP 4.5 RCP 8.5 World Bank Climate Change Knowledge Portal	-Possible water related outcome of the climate change might be expressed as water stress and difficulties to reach fresh water resources. -Reducing water withdrawals and consumptions -Increased cooling related costs due to high temperature -Changes in weather patterns caused by climate change lead to irregularities in precipitation. -Investing in technology to minimize water consumption -Drought and water scarcity -Negative impact on business due to climate change	TOFAŞ has signed "The 2°C Challenge Communique" . TOFAŞ is evaluating possible water related outcomes continuously and taking the account in its strategical planning process. The yearly highest temperatures are showing a notable rise, particularly in the RCP 8.5 scenario. This scenario poses a serious threat to water availability due to increased instances of drought. As a consequence of diminishing water resources, the operations of the local plant and the well-being of employees are negatively affected. While the yearly minimum temperature shows a more positive outlook compared to the maximum temperature scenario, the RCP 8.5 scenario still forecasts a significant increase of approximately 6°C over the course of 100 years. This poses a potential risk for the plant's utilization of natural resources, given the rise in average temperatures. The reduction in yearly precipitation levels can potentially lead to issues with the water capacity required by the plant. As the plant relies on well water as its water source, the amount of rainfall becomes crucial. Taking into account the precipitation predictions in the scenarios, TOFAŞ aims to achieve a water recycling rate of 95% through new investments. Drought, with its associated water scarcity and various natural disasters, poses a significant threat that demands careful consideration. It can result in reduced vegetation, deterioration of water quality, adverse effects on nutrition, and even halt production processes.

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

This application has a substantial impact to accelerate water efficiency projects driven by the performance monitoring to achieve company water consumption targets. We take into account intense water consumption value of units as a performance indicator and related them with budget.

We plan and take on new projects to lower our water withdrawals and water intensity, moreover water is among top priorities in our business and strategic plans. We are currently exploring water valuation practices and we aim to use an internal price on water within 2 years.

W7.5

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

	Products and/or services classified as low water impact	Definition used to classify low water impact	Primary reason for not classifying any of your current products and/or services as low water impact	Please explain
Row 1	No, but we plan to address this within the next two years	<Not Applicable>	Judged to be unimportant, explanation provided	TOFAŞ produces passenger and commercial vehicles and our products are not classified as water impacted products.

W8. Targets

W8.1

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

Yes

W8.1a

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

	Target set in this category	Please explain
Water pollution	Yes	<Not Applicable>
Water withdrawals	Yes	<Not Applicable>
Water, Sanitation, and Hygiene (WASH) services	Yes	<Not Applicable>
Other	Yes	<Not Applicable>

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

Target reference number

Target 1

Category of target

Product water intensity

Target coverage

Company-wide (direct operations only)

Quantitative metric

Reduction per unit of production

Year target was set

2020

Base year

2020

Base year figure

2.98

Target year

2024

Target year figure

2.86

Reporting year figure

2.92

% of target achieved relative to base year

50

Target status in reporting year

Underway

Please explain

Thanks to water efficiency projects , we achieved our annual target and came closer to our target. The unit for comparison is m3/vehicle.

Target reference number

Target 2

Category of target

Product water intensity

Target coverage

Company-wide (direct operations only)

Quantitative metric

Reduction per unit of production

Year target was set

2021

Base year

2021

Base year figure

2.91

Target year

2026

Target year figure

1.55

Reporting year figure

2.92

% of target achieved relative to base year

-0.735294117647043

Target status in reporting year

Underway

Please explain

Thanks to water efficiency projects , we are underway for achieving our target. The unit for comparison is m3/vehicle.

Target reference number

Target 3

Category of target

Water withdrawals

Target coverage

Company-wide (direct operations only)

Quantitative metric

Reduction in total water withdrawals

Year target was set

2022

Base year

2022

Base year figure

794.6

Target year

2026

Target year figure

185.98

Reporting year figure

794.6

% of target achieved relative to base year

0

Target status in reporting year

New

Please explain

We aim to lower our total water withdrawal numbers up to the year 2026. We anticipate that we will gradually lower our withdrawal volumes with our investments. The units given for the numbers are megaliters.

Target reference number

Target 4

Category of target

Water use efficiency

Target coverage

Company-wide (direct operations only)

Quantitative metric

Reduction in total water withdrawals

Year target was set

2022

Base year

2022

Base year figure

100

Target year

2026

Target year figure

23.4

Reporting year figure

100

% of target achieved relative to base year

0

Target status in reporting year

New

Please explain

We aim to lower our total water withdrawal numbers up to the year 2026. We anticipate that we will gradually lower our withdrawal volumes with our investments that will increase our efficiency. The units given for the numbers are the percentages for the amount of withdrawals with respect to the withdrawal volumes in the base year.

Target reference number

Target 5

Category of target

Water recycling/reuse

Target coverage

Company-wide (direct operations only)

Quantitative metric

Increase in investment related to water recycling/reuse

Year target was set

2022

Base year

2022

Base year figure

15700

Target year

2026

Target year figure

720000

Reporting year figure

15700

% of target achieved relative to base year

0

Target status in reporting year

New

Please explain

We are currently investing in our water reclamation projects and we target to increase this amount up to year 2026. The units for the figures given was in EUR.

Target reference number

Target 6

Category of target

Water pollution

Target coverage

Company-wide (direct operations only)

Quantitative metric

Reduction in concentration of pollutants

Year target was set

2019

Base year

2019

Base year figure

80

Target year

2022

Target year figure

40

Reporting year figure

40

% of target achieved relative to base year

100

Target status in reporting year

Achieved

Please explain

We aim to reduce our pollutant concentrations in our wastewater discharges. We targeted to be lower than 80 mg/L in Total Suspended Solids. And we achieved our target for the 40 mg/L concentration for the TSS. The units for the given figures are mg/L.

Target reference number

Target 7

Category of target

Water pollution

Target coverage

Company-wide (direct operations only)

Quantitative metric

Reduction in concentration of pollutants

Year target was set

2019

Base year

2019

Base year figure

1

Target year

2022

Target year figure

0.8

Reporting year figure

0.8

% of target achieved relative to base year

Target status in reporting year

Achieved

Please explain

We aim to reduce our pollutant concentrations in our wastewater discharges. We targeted to be lower than 1 mg/L in Nickel. And we achieved our target for the 0.8 mg/L concentration for the Nickel metal. The units for the given figures are mg/L.

Target reference number

Target 8

Category of target

Water pollution

Target coverage

Company-wide (direct operations only)

Quantitative metric

Reduction in concentration of pollutants

Year target was set

2019

Base year

2019

Base year figure

2

Target year

2022

Target year figure

1

Reporting year figure

1

% of target achieved relative to base year

100

Target status in reporting year

Achieved

Please explain

We aim to reduce our pollutant concentrations in our wastewater discharges. We targeted to be lower than 2 mg/L in Zinc. And we achieved our target for the 1 mg/L concentration for the Zinc metal. The units for the given figures are mg/L.

Target reference number

Target 9

Category of target

Water pollution

Target coverage

Company-wide (direct operations only)

Quantitative metric

Reduction in concentration of pollutants

Year target was set

2019

Base year

2019

Base year figure

300

Target year

2022

Target year figure

140

Reporting year figure

140

% of target achieved relative to base year

100

Target status in reporting year

Achieved

Please explain

We aim to reduce our pollutant concentrations in our wastewater discharges. We targeted to be lower than 300 mg/L in Chemical Oxygen Demand. And we achieved our target for the 140 mg/L concentration for the COD. The units for the given figures are mg/L.

Target reference number

Target 10

Category of target

Water pollution

Target coverage

Company-wide (direct operations only)

Quantitative metric

Reduction in concentration of pollutants

Year target was set

2019

Base year

2019

Base year figure

5

Target year

2022

Target year figure

4

Reporting year figure

4

% of target achieved relative to base year

100

Target status in reporting year

Achieved

Please explain

We aim to reduce our pollutant concentrations in our wastewater discharges. We targeted to be lower than 5 mg/L in Fluoride. And we achieved our target for the 4 mg/L concentration for the Fluoride. The units for the given figures are mg/L.

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	1- W1.1 Water intensity targets 2- W1.2b All water amounts	RevR6 Procedure for assurance of sustainability report	We disclosed our targets and water amounts in our yearly Sustainability Reports. Therefore we chose to verify these data through RevR6 Procedure.

W10. Plastics

W10.1

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

	Plastics mapping	Value chain stage	Please explain
Row 1	Not mapped – but we plan to within the next two years	<Not Applicable>	We did not yet mapped our plastic usages but we are planning to map them within 2 years.

W10.2

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

	Impact assessment	Value chain stage	Please explain
Row 1	Not assessed – but we plan to within the next two years	<Not Applicable>	We did not assess but we are planning to do it within 2 years.

W10.3

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

	Risk exposure	Value chain stage	Type of risk	Please explain
Row 1	Not assessed – but we plan to within the next two years	<Not Applicable>	<Not Applicable>	We did not assess plastic related risks but we are planning to address this assessment within 2 years.

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 polymers Plastic goods	Eliminate single-use plastic goods Increase the proportion of renewable content from responsibly managed sources in plastic goods	We had a target to eliminate single usage plastic goods in the company offices and facility. We set this target in 2019 to eliminate the single use plastics in the year 2022. For this reporting year, we have achieved our target. We also have a target aligned with the global targets of Stellantis global commitment, to increase the renewable content in our plastic usage,. To be exact we will supply at least 35% of our plastics that will be used as green material in the year 2027.

W10.5

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

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

W11. Sign off

W-FI

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

W11.1

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

	Job title	Corresponding job category
Row 1	CEO - Chief Executive Officer	Chief Executive Officer (CEO)

Submit your response

In which language are you submitting your response?
English

Please confirm how your response should be handled by CDP

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

Please indicate your consent for CDP to share contact details with the Pacific Institute to support content for its Water Action Hub website.
No

Please confirm below
I have read and accept the applicable Terms