CARREFOURSA CARREFOUR SABANCI TİCARET MERKEZİ A.Ş. - Water Security 2022

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W0. Introduction

W0.1

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

World's leading retailer Carrefour Group established its first store in 1963 in France. Today, Carrefour Group has more than twelve thousand stores in 30 different countries with more than 300,000 employees. Carrefour Group opened its first store in İçerenköy - Istanbul Turkey where the hypermarket concept met Turkish consumers for the first time in 1993. In 1996 Carrefour Group and Sabancı Holding which is one of the biggest corporations in Turkey established a partnership where the name CarrefourSA was born, and the first CarrefourSA store had been opened in Adana after one year of this partnership. CarrefourSA has 760 stores in 40 cities in Turkey with 10,400 employees. Stores that are run by CarrefourSA are in four different formats: Hyper, Super, Gurme, and Mini. There are also 12 distribution centers throughout the country.

W0.2

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

	Start date	End date
Reporting year	January 1 2021	December 31 2021

W0.3

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

Turkey

W0.4

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

TRY

W0.5

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

Companies, entities or groups over which operational control is exercised

W0.6

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

No

W0.7

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

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

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	Important	Important	i&iii) The reason for importance rating and future water dependency for direct use: CarrefourSA is directly dependent on water in use, as it directly uses water in its operations in the production of bakery products, preparation of meals, cleaning of equipment and floors, personal hygiene of employees and ice making. It undertakes to respect the right of employees to access clean and quality water and to provide a healthy working environment. Therefore, the use of water in direct operations is important. Sufficient amouns of good quality freshwater will also be considered important in the coming years, due to the increased risk of water stress in Turkey, as CarrefourSA operates in areas where water scarcity is likely to occur and is directly dependent on water for direct water use. ii&iv) The reason for importance rating and future water dependency for indirect use: CarrefourSA is dependent on water in its indirect activities, as its suppliers need high amounts of water both in their agricultural activities and in other operational activities. The lack of good water availability and quality at the basin level poses the potential for both operational and regulatory risks across all business units. In addition, insufficient water as a raw material poses an operational risk for CarrefourSA as supply interruptions may occur and financial losses may occur as a result. Being aware of these future problems, CarrefourSA's own branded food supplier audits also include water-related criteria in the question list. In addition, CarrefourSA, aware of its indirect impact on its customers, offers products that improve and control their water use, such as water-saving taps, rainwater collectors and eco-certified cleaning products. For these reasons, sufficient amouns of good quality freshwater is important in indirect water use and will continue to be considered important in the coming years as CarrefourSA suppliers operate in areas where water shortages are likely to occur.
Sufficient amounts of recycled, brackish and/or produced water available for use	Neutral	Neutral	i&iii) The reason for importance rating and future water dependency for direct use: The water used in CarrefourSA's operations is obtained from municipal water while the drinking water comes from local suppliers. There is no recycled water use in its operations yet because CarrefourSA attaches importance to the quality of water both in its operations as it will directly affect the customer and the environment. In addition, It is a company serving the retail sector, so there is no water production. However, as CarrefourSA carries out its operations in areas with high water stress, it is investigating possible alternative solutions, of which water recycling is one of them. Therefore, the importance rating has been selected as neutral for now. CarrefourSA does not expect this level to change in the short term, but it anticipates that this resource will be important for CarrefourSA after 10 years since Turkey is a region with increasing water stress. ii&iv) The reason for importance rating and future water dependency for indirect use: CarrefourSA carries out strict and regular inspections of its suppliers, especially food suppliers, who indirectly use water as it affects customer health. Currently, there is no recycled water use or water production in their suppliers. However, it is predicted that the use of recycled water will increase for suppliers operating in areas at risk of water stress. Therefore, a sufficient amount of recycled water grade was chosen as neutral. CarrefourSA does not expect this level to change in the short term, but it anticipates that this resource will be important for CarrefourSA after 10 years since Turkey is a region with increasing water stress.

W1.2

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

	% of sites/facilities/operations	Please explain
Water withdrawals – total volumes	100%	CarrefourSA's operations include our warehouses, distribution companies, stores and head office. Within the scope of its environmental management system, it monitors monthly all direct water use in its operations. The measurement method is usually based on meters and invoices. Each branch of CarrefourSA records its total water withdrawal volume monthly with invoices and reports it annually on a Group level basis. The reported amount of water essentially corresponds to the amount of water purchased.
Water withdrawals – volumes by source	100%	The water supplied by CarrefourSA comes only from the municipal water of the region where it is located. CarrefourSA follows annually where municipalities draw water according to the basins they are in and it knows the amount and source of water used in its branches.
Entrained water associated with your metals & mining sector activities - total volumes [only metals and mining sector]	<Not Applicable>	<Not Applicable>
Produced water associated with your oil & gas sector activities - total volumes [only oil and gas sector]	<Not Applicable>	<Not Applicable>
Water withdrawals quality	100%	The water supplied by CarrefourSA comes only from the municipal water of the region where it is located. CarrefourSA can regularly monitor the water quality of its operations at a basin level by using the WRI Aqueduct Tool and monitor it annually as a part of the quality control system. It also analyzes the water quality in stores according to Regulation by the Ministry of Health on Water Intended for Human Consumption where food is produced once a year.
Water discharges – total volumes	100%	Municipal sewage system is used for water discharge in all facilities. All these municipal governments report their discharge volumes to the branches on a monthly basis. For this reason, CarrefourSA monitors the output volumes from the monthly bills of the municipalities.
Water discharges – volumes by destination	100%	Each of CarrefourSA's branches discharges its wastewater to the sewage system of the municipality of the region where they are located. Relevant wastewater facilities discharge into the basins after the treatment process. Basins are monitored by the Ministry of Agriculture and Forestry, and therefore their discharge volumes are also monitored by the government. CarrefourSA monitors the water dis-

	% of sites/facilities/operations	Please explain
		charge amounts annually from the ministry reports according to the destination.
Water discharges – volumes by treatment method	100%	Wastewater discharges from all CarrefourSA's branches are only domestic. Wastewater from the buildings discharges into sewer systems under the control of local municipalities. Local Municipalities have water treatment plants for municipal wastewater. Wastewater methods treated in accordance with the regulation are available online on municipal and government websites. In this way, CarrefourSA follows the purification methods annually from the websites.
Water discharge quality – by standard effluent parameters	100%	CarrefourSA discharges its wastewater directly to the municipal sewage. While discharged from treatment plants, wastewater parameters must be in compliance with the Regulation on Water Pollution Control and the Communique on Wastewater Treatment Plants Technical Procedures. This can be monitored through monthly reports on the websites of municipalities, open to the public and CarrefourSA follows it on a yearly base from the websites.
Water discharge quality – temperature	100%	CarrefourSA discharges its wastewater directly to the municipal sewage. While discharged from treatment plants, wastewater parameters must be in compliance with the Regulation on Water Pollution Control and the Communique on Wastewater Treatment Plants Technical Procedures. Temperature is one of the key parameters for wastewater discharge and is followed by regulations. This can be monitored through monthly reports on the websites of municipalities, open to the public and CarrefourSA follows it on a yearly base from the websites.
Water consumption – total volume	100%	CarrefourSA monitors its water consumption over the purchased dispenser size bottled water it provides to its employees. Due to the importance, CarrefourSA attaches to employee rights, it does not intend to make any restrictions on this issue. Therefore, it will continue to monitor its water consumption on a monthly base within the same scope in the future from monthly invoices.
Water recycled/reused	Not monitored	CarrefourSA attach importance to the quality of water both in its operations and in its suppliers, as it will directly affect the customer and the environment. Therefore, CarrefourSA and its suppliers use no or few recycled, brackish and/or produced water for their operations. CarrefourSA does not plan to use recycled or reused water in its direct water use.
The provision of fully-functioning, safely managed WASH services to all workers	100%	CarrefourSA gives importance to clean water for drinking, cooking, and cleaning purposes, solid waste management and drainage, and hygiene and provides information and training to its employees in all stores. WASH requirements are carried out on a yearly basis with local authorities and the quality and quantity of used water follow from the monthly invoices and analyses.

W1.2b

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

	Volume (megaliters/year)	Comparison with previous reporting year	Please explain
Total withdrawals	326.24	About the same	CarrefourSA changed the calculation methodology in 2021 and included the use of dispenser-size bottled water in its calculations as water consumption. Since it causes a withdrawal from a water source, total water withdrawal is equal to the sum of water drawn from the municipal water system and drinking water supplied from local suppliers. While total water withdrawal was 317.66 last year, it is 326.24 this year. As a result of the comparison, a 3% change is seen. Since CarrefourSA defines the change between 5% and 10% as high or low in its operations, it evaluates the 3% increase as about the same. Although CarrefourSA increases the number of its stores as a growing company, it implements water efficiency projects in line with its water use reduction targets. Therefore, despite the increase in the number of stores, it is predicted that this value will decrease at the same rate in the next year.
Total discharges	323.87	About the same	All of the wastewater is discharged into sewer systems managed by municipalities. Therefore, the amount of water discharged is equal to the amount of water withdrawn from the municipal water. While 315.15 megaliters/year of water is discharged in 2020, this value is 323.87 megaliters/year in 2021. As a result of the comparison, an increase of 3% is observed, which is due to the fact that we added new branches to our operations in 2021. Since CarrefourSA defines the change between 5% and 10% as high or low in its operations, it evaluates the 3% increase as about the same. Although CarrefourSA increases the number of its stores as a growing company, it implements water efficiency projects in line with its water use reduction targets. Therefore, it is predicted that this value will decrease at the same rate despite the increase in the number of stores.
Total consumption	2.37	Lower	CarrefourSA changed its calculation methodology in 2021, and considers the water consumption volume as the consumption of the purchased dispenser size bottled water it has purchased. While 2.519 megaliters/year of water is discharged in 2020, this value is 2.372 megaliters/year in 2021. In addition to the increased number of branches in 2021, CarrefourSA also closed some branches. The imbalance in the number of employees in the branches caused a 6% decrease in water consumption. Since CarrefourSA defines the change between 5% and 10% as high or low in its operations, it evaluates the 6% decrease as lower. As the total consumption value is related to the number of employees, it is predicted that this consumption value will increase with the number of branches that may increase for the next year.

W1.2d

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

	Withdrawals are from areas with water stress	% withdrawn from areas with water stress	Comparison with previous reporting year	Identification tool	Please explain
Row 1	Yes	76-99	About the same	WRI Aqueduct	CarrefourSA uses WRI Aqueduct Water Risk Atlas in water magament system to evaluate water stress, variability from season-to-season, pollution, and water access. Water stress risk is determined by using latitude and longitude information according to the addresses of the areas where the activity is carried out. While making this assessment, the water stress of each city where the operations are carried out is reported. % withdrawn from areas with water stress was calculated by dividing the volume of water stress withdrawn from the stressed areas by the total amount of water withdrawal. Considering the locations in 2021, 93% of CarrefourSA's stores are located in Istanbul, Izmir, Antalya, Muğla, Ankara, Mersin, Tekirdağ, Balıkesir, Adana, Aydın, Kocaeli, Bursa, Denizli, Eskişehir regions, where the water stress risk is extremely high and high. Although CarrefourSA has not yet seen the effects of water stress in its activities in these regions, it is taking precautions against possible risks by researching new technologies such as the artificial intelligence-based glasshouse prototype and by making studies to reduce water consumption as much as possible.

W1.2h

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

	Relevance	Volume (megaliters/year)	Comparison with previous reporting year	Please explain
Fresh surface water, including rainwater, water from wetlands, rivers, and lakes	Not relevant	<Not Applicable>	<Not Applicable>	CarrefourSA uses municipal water for all operations.
Brackish surface water/Seawater	Not relevant	<Not Applicable>	<Not Applicable>	CarrefourSA uses municipal water for all operations.
Groundwater – renewable	Not relevant	<Not Applicable>	<Not Applicable>	CarrefourSA uses municipal water for all operations.
Groundwater – non-renewable	Not relevant	<Not Applicable>	<Not Applicable>	CarrefourSA uses municipal water for all operations.
Produced/Entrained water	Not relevant	<Not Applicable>	<Not Applicable>	CarrefourSA does not produce any water. It only uses municipal water.

	Relevance	Volume (megaliters/year)	Comparison with previous reporting year	Please explain
Third party sources	Relevant	326.24	About the same	The water used in CarrefourSA's operations is obtained from municipal water while the drinking water comes from the local suppliers. While total water withdrawal was 317.66 last year, it is 326.24 with the newly opened branches in 2021. As a result of the comparison, an increase of 3% is observed, which CarrefourSA evaluates being almost the same.

W1.2i

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

	Relevance	Volume (megaliters/year)	Comparison with previous reporting year	Please explain
Fresh surface water	Not relevant	<Not Applicable>	<Not Applicable>	Each of the CarrefourSA branches discharges its wastewater into the sewer system of the municipality of their region. Since the source of treatment is done by municipalities in accordance with legal requirements, only third-party destinations are directly related to CarrefourSA.
Brackish surface water/seawater	Not relevant	<Not Applicable>	<Not Applicable>	Each of the CarrefourSA branches discharges its wastewater into the sewer system of the municipality of their region. Since the source of treatment is done by municipalities in accordance with legal requirements, only third-party destinations are directly related to CarrefourSA.
Groundwater	Not relevant	<Not Applicable>	<Not Applicable>	Each of the CarrefourSA branches discharges its wastewater into the sewer system of the municipality of their region. Since the source of treatment is done by municipalities in accordance with legal requirements, only third-party destinations are directly related to CarrefourSA.
Third-party destinations	Relevant	323.87	About the same	The reported amount of discharge was obtained from the purchase records. The monetary amount billed by the service providers for the water discharge indicator is divided by the unit price of the water. The unit price of water has been accepted as the 12th-month workplace unit water price of Istanbul Water and Sewerage Administration (ISKI) for 2021. This information has been verified by accredited third parties with limited confidence according to the ISAE 3000 standard. While 315.15 megaliters/year of water is discharged in 2020, this value is 323,87 megaliters/year in 2021. Compared to the previous year, an increase of 3% was observed. The reason for this change is the addition of new branches to our operations. Since

	Relevance	Volume (megaliters/year)	Comparison with previous reporting year	Please explain
				CarrefourSA defines the change between 5% and 10% as high or low in its operations, it evaluates the 3% decrease as about the same.

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	% of your sites/facilities/operations this volume applies to	Please explain
Tertiary treatment	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	All water withdrawn is discharged to third party destinations.
Secondary treatment	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	All water withdrawn is discharged to third party destinations.
Primary treatment only	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	All water withdrawn is discharged to third party destinations.
Discharge to the natural environment without treatment	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	All water withdrawn is discharged to third party destinations.
Discharge to a third party without treatment	Relevant	323.87	About the same	100%	Wastewater discharges from all CarrefourSA's branches are only domestic. Wastewater from the buildings discharges into sewer systems under the control of local municipalities. Local Municipalities have water treatment plants for municipal wastewater. Wastewater methods treated in accordance with the Urban Wastewater Treatment Regulation are available online on municipal and government websites. In this way, CarrefourSA can follow the purification meth-

	Relevance of treatment level to discharge	Volume (megaliters/year)	Comparison of treated volume with previous reporting year	% of your sites/facilities/operations this volume applies to	Please explain
					ods for all of its business units.
Other	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	CarrefourSA has no other level of treatment in direct operations.

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	9367507540	326.24		CarrefourSA is increasing its branches throughout Turkey every year. In this context, the total water withdrawal needed will increase. Likewise, since these branches will have a positive effect on income, it is expected that the water efficiency value will increase at the same rate.

W1.4

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

Yes, our suppliers

Yes, our customers or other value chain partners

W1.4a

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

Row 1

% of suppliers by number

76-100

% of total procurement spend

76-100

Rationale for this coverage

i) An explanation of why these suppliers were selected for reporting: CarrefourSA has over 400 private label products and especially food retail has a critical importance for the company. Since Turkey is a region with high water stress, the food supply may be disrupted as a result of the risk of drought in the future, which causes a strategic loss in income. In addition, the negative impact of its own branded products on the environment and water resources poses an operational and reputational risk. For these reasons, within the framework of its long-term sustainability strategy and Sabancı Holding's Responsible Investment Policy, the company primarily examines the impact of its own branded products on climate change stemming from the supply chain, includes it in risk assessments, and takes steps to encourage its suppliers' transition to a low carbon economy and resource efficiency practices.

ii) How suppliers are incentivized to report: CarrefourSA evaluates its suppliers with the Supplier Inspection List to understand their impact and behavior on climate and water. In this list, it questions its suppliers on many issues related to the environment and water. In order to make supplier agreements, it is necessary to answer the questions asked in this list and to provide proof documents if necessary. Since CarrefourSA refuses to work with any supplier that has a negative impact on the environment, it selects its suppliers based on this assessment. The eligible suppliers it has chosen agree to meet the conditions on a regular basis as per the agreement. CarrefourSA also requests regular water analysis reports from its own-branded suppliers.

Impact of the engagement and measures of success

iii) Details of the type of information requested from suppliers: CarrefourSA regularly audits all its suppliers in the value chain in an environmental context. It evaluates its suppliers with the supply question list and follows the actions to be taken when necessary. In this list, in order to assess the environmental and water effects of the supplier's own activities, it is questioned whether the audited institution provides uninterrupted drinking water to the workers within the scope of the WASH system, whether there are reports on the conformity control of the water, whether the water management is done without harming the environment and local water resources, whether it has the necessary environmental permits and licenses, and evidence is requested. In addition, it carries out strict and regular inspections of food suppliers for its own-branded products since it directly affects customer health.

iv) How the information is used within the company: The company has a Private Label Quality Policy for its own branded products. According to this policy, drinking water analyzes are performed once a year in stores producing bakery products. Both the answers are given to the supplier question list and the analysis results are evaluated in the annual reports. If non-compliance is detected, improvement suggestions are offered and trainings are organized if necessary. If the audited firm does not take action, the relationship with the relevant supplier ends. Also, Sabancı Holding is announced that they, from now on, will prioritize working with suppliers that are committed/aligned to the net-zero emission target by 2050 or zero waste target. CarrefourSA also follows Sabancı Holding’s climate strategy. Improving the contracts beyond the regulatory requirements in the context of climate-related requirements are on the agenda of the company.

v) Details of how success is measured (e.g. the metrics used): The measure of success of

such engagement is the interaction rate and the rate of whether the required information is collected from the suppliers. For the first measure, it is called a successful engagement if the interaction rate (if the supplier answered to the engagement) is above 90% (threshold). For the second measure, it is called a successful engagement if the ratio of the required information collected from the suppliers is above 50% (threshold).

Comment

Only private label suppliers are included in this answer. (private label suppliers/total suppliers= 20%)

W1.4b

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

Type of engagement

Onboarding & compliance

Details of engagement

Inclusion of water stewardship and risk management in supplier selection mechanism

% of suppliers by number

76-100

% of total procurement spend

76-100

Rationale for the coverage of your engagement

i) An explanation for the engagement coverage: CarrefourSA knows that taking action against climate change is best effective when it is considered in all its value chains. Suppliers' awareness and management of their environmental and water impact are measured through supplier self-assessment questionnaires. If the suppliers don't meet the requirement, they are warned about their compliance. If they do not take a step towards fulfilling it, they are excluded from the suppliers.

Impact of the engagement and measures of success

ii) Details of the beneficial water-related outcomes of the engagement activity: In an operational context, CarrefourSA works with many suppliers that all affect the environment and contribute to the effects of climate change. Interacting with them and spreading awareness among them is very important for the company to achieve its climate and water-related goals. Getting an answer from these suppliers is as important as reaching those suppliers because interaction (participation of both sides) is the best way to act against the climate crisis. By participating in supplier training campaigns organized by CarrefourSA, awareness in the value chain increases, and suppliers make improvements in their own water management.

iii)A description of how the success of supplier engagement is measured: The measure of success of such engagement is the interaction rate and the rate of whether the required information is collected from the suppliers. For the first measure, it is called a successful engagement if the interaction rate (if the supplier answered to the engagement) is above 90% (threshold). For the second measure, it is called a successful engagement if the ratio

of the required information collected from the suppliers is above 50% (threshold). The ratio of required information collected from the suppliers is expected to increase with the supplier education campaigns as the awareness among the value chain increase with those engagements.

Comment

W1.4c

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

i) Engaged partners within the value chain and a rationale for the engagement: As a part of CarrefourSA water management; adopting the sustainability approach in all business units and stakeholders, it aims to create value in its own activities, value chain, employees, shareholders and society in the long term. In particular, customers, local communities and NGOs are prioritized in long-term strategies because of the following reasons: CarrefourSA aims to meet the needs of its customers. Therefore, customers are one of the most important stakeholders considered in strategy. Also, the company is committed to ensuring that human rights are not violated in its activities and that the right of local communities to access clean water. Negligence that may occur at this point is always included in the risk assessment as it will cause both reputational and financial loss for CarrefourSA. In addition, the demands of the NGOs are also taken into account, as they help with their expertise in actions to be taken for local communities-related targets.

ii) The method of engagement with the value chain partners: CarrefourSA tries to increase the awareness of sustainability in its customers with the products and applications it offers such as rainwater collectors and eco-certified cleaning products. Also, it has supported the activities of Dalaman Culture, Art and Nature Association, which was established to protect the nature and marine life of Göcek Bay, with the market boat Mavi, by saying "There is Life in the Sea" within the framework of its vision to leave a legacy of sustainable natural life in our seas to future generations since 2020.

iii) How engagement success is measured: CarrefourSA monitors the success of its strategy from product sales and surveys. The increase in customers' demand for the products listed above and the feedback received in the project carried out in collaboration with Dalaman Culture, Art and Nature Association reveal the success of its strategy.

W2. Business impacts

W2.1

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

Yes

W2.1a

(W2.1a) Describe the water-related detrimental impacts experienced by your organization, your response, and the total financial impact.

Country/Area & River basin

Turkey	Other, please specify (Mugla)

Type of impact driver & Primary impact driver

Acute physical	Flood (coastal, fluvial, pluvial, groundwater)

Primary impact

Impact on company assets

Description of impact

As a result of the flood in Antalya in 2021, the outdoor cooling units, generator, and air conditioning compressor in CarrefourSA's warehouse were damaged and one rental company vehicle became unusable. The effect of this damage lasted for two days and caused material damage. This impact was not counted as a significant loss as it corresponds to 0.0008% of CarrefourSA's revenue.

Primary response

Improve maintenance of infrastructure

Total financial impact

84000

Description of response

In the flood, the outdoor cooling units, generator, and air conditioning compressor were damaged and the rental company vehicle became unusable. The total cost of this impact was 84000 TL and it was not considered a significant impact since it represents 0.0008% of the company. However, as a result of this accident, qualitative and quantitative comments were written during the risk assessment process.

W2.2

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

No

W3. Procedures

W3.3

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

Yes, water-related risks are assessed

W3.3a

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

Value chain stage

Direct operations
Supply chain
Other stages of the value chain

Coverage

Full

Risk assessment procedure

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

Frequency of assessment

More than once a year

How far into the future are risks considered?

More than 6 years

Type of tools and methods used

Tools on the market
Enterprise risk management

Tools and methods used

WRI Aqueduct
COSO Enterprise Risk Management Framework

Contextual issues considered

Water availability at a basin/catchment level
Water quality at a basin/catchment level
Stakeholder conflicts concerning water resources at a basin/catchment level
Water regulatory frameworks
Status of ecosystems and habitats
Access to fully-functioning, safely managed WASH services for all employees

Stakeholders considered

Customers
Employees
Investors
Local communities
NGOs
Regulators
Suppliers
Water utilities at a local level
Other water users at the basin/catchment level

Comment

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.

Application of tools: CarrefourSA uses the WRI Aqueduct Tool to regularly monitor the water-related risks such as water stress, the amount of water in the basins, and the water quality parameters of all business units and the regions in the supply chain with the WRI Aqueduct Tool. Besides, The COSO Enterprise Risk Management Framework approach has been adopted in the Enterprise Risk Management methodology. With this framework, both direct and indirect risks through annual risk assessment surveys can evaluate company-wide. The Risk Manager constantly monitors the risks that the company may be exposed to with these two tools.

Risk assessment: This process, which includes the tools it uses to monitor water-related risks, consists of 4 stages. Firstly, in the risk identification, the main business processes are determined and in these, potential risk sources such as water quality, water availability, disruption in the supply chain, and climate-related events such as flood or drought are defined. While CarrefourSA relies heavily on quantitative analyzes, it also applies qualitative analyzes to assess water quality. In the evaluation of the identified natural risks,the frequency or probability of occurrence of the risk, the possible impacts of the risk in case of realization and the extent of the damage it will cause are taken into consideration and the risks are

graded. The risk level is determined as “Risk Level= Impact x Probability”. By evaluating risk-reducing factors in the system, process, and human categories, a single “risk reduction value” emerges as a result of this evaluation. Considering the effect of risk-reducing factors, a residual risk level assessment is made. One-on-one interviews and survey methods are among the methods followed in determining the risks. In addition, existing company information (analysis reports, market and sector information etc.) is reviewed in order not to ignore potential risks. Then, necessary action plans are created for the management of risks that exceed the risk limit determined in line with the company objectives and are considered “Critical” by the Management. In addition, a Risk Management Report is prepared every 2 months in line with the data entered in the Risk Inventory Portal.

Reason for contextual issues considered:

1. CarrefourSA is highly dependent on water in both its direct and indirect activities, especially in the supply of vegetable and fruit products. The lack of sufficient level and quality water in the basin carries operational and financial risks to all business units. For this reason, it is followed regularly with tools.

2. Any potential stakeholder conflict can cause disruptions in the supply chain, resulting in financial losses. Therefore, it is taken into account in the risk assessment.

3. Non-compliance with water-related regulations carries the risk of causing both financial and reputational loss for CarrefourSA.

4. If CarrefourSA engages in activities that may directly or indirectly harm the ecosystem and habitat, this will cause financial losses as it carries both regulatory and reputational risks. Water policy and the risk assessment process always consider this issue.

5. Any harmful effect on the water use of both its employees and local people in the regions where it operates is both an operational and reputational risk for CarrefourSA. Therefore, CarrefourSA adopts SDG 6 and WASH as a principle and includes related issues in its risk assessment.

Reason for stakeholder considered:

CarrefourSA considers all its internal and external stakeholders in its business and risk management processes.

1. Especially the loss of customers, employees, or investors due to any of the issues listed above carries operational and reputational risks for CarrefourSA and causes financial loss.

2. Food suppliers are the most exposed to water-related risks in the supply chain. A possible disruption or non-compliance with the regulation will cause financial losses.

3. As a WASH service, CarrefourSA receives local water services in its operations to supply drinking water to its employees and to treat wastewater. Water-related disruptions in local service will also cause WASH not to be provided. This carries operational risk.

4. In its sustainability and water policy approach, CarrefourSA is committed to ensuring that human rights are not violated in its activities and that the right of local communities to access clean water. NGO-s have a significant impact on local people. Their expertise is considered in risk management to find alternative solutions to issues related to the supply chain and operations.

5. Turkey is a country with a high degree of water stress. Therefore, it is anticipated that water use restrictions will be implemented in the future, which may cause conflicts among other water users at a basin level. While this is a long-term risk, it is an occasional topic of discussion in CarrefourSA's risk assessments.

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?

CarrefourSA aims to conduct business by creating added value for all its stakeholders and to ensure sustainability in this way. The company conducts risk-opportunity analyses to ensure the continuity of the business. CarrefourSA is aware that the climate crisis will have fatal impacts on the planet. It not only acts against this crisis but also aims to manage the effects of climate change on a company basis, with environmental, social, and economic analyses. In this context, it separates the effects of risks and opportunities on the company according to the degree of importance. The substantive financial impact is the effect that is considered significantly important for CarrefourSA.

Definition of substantive financial or strategic impact: Any event that results in a loss in turnover is examined as financial impact. CarrefourSA has defined the substantial financial

impact as an impact of a magnitude of at least 0.5% of the financial loss of annual turnover. 0.5% loss in the turnover marks the “substantive” definition.

Quantifiable indicators used to define substantive financial impact: Quantifiable indicator that is used to assess this impact is turnover, a loss in the turnover. For 2021, financial loss (substantive financial impact) of 0.5% equals 46.837.537,7 TL.

CarrefourSA has defined the impact value and impact scale in the PR-ID-002 Risk Management Procedure. “Impact assessment” reflects the impact that the event defined as a risk will have for CarrefourSA if it occurs. In the evaluation of risks, the impact of each event, both alone and in combination with other events defined as risks, is taken into consideration. The degrees of evaluation in the impact scale is as follows; critical, high, medium, and low. While evaluating the impact of risk existing/planned measures or control mechanisms are not considered. The risk that may arise due to the nature of the work is considered. A risk may impact a single category, or it is likely to impact more than one category. In this case, an evaluation is made by considering the category in which the risk is more effective.

Other substantive financial impact risks and their quantifiable indicators in addition to the risk of financial loss in the annual turnover are;

· Risks such as news that constantly negatively affect the opinion of the public/shareholders, and disclosure of confidential information that can be used against the company, are always considered reputational risks, as they may cause a significant decrease in the company's share or market value.

· Possible decreases in customer satisfaction and as a result, at least 2.5% customer loss is considered in the risk assessment.

· Violations or lawsuits that require a fine of 0.5% and/or more of the budgeted revenue are considered under regulatory and legal risks.

· The death or permanent disability of one or more people, and the release of chemicals or wastes harmful to the environment and health are evaluated under environmental risks.

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	23	1-25	93% of CarrefourSA's business units are located in areas with high water stress. However, only 23 of them create a strategic financial impact if any potential water-related risk is experienced. All of these facilities are located in the extremely high and high regions and create 3% of the company's wide facilities.

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 (Sea of Marmara Coast)

Number of facilities exposed to water risk
10

% company-wide facilities this represents
1-25

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

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

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

% company's total global revenue that could be affected
1-10

Comment
10 of the 23 stores which have a strategic impact on revenue are located in European Side of Istanbul. These stores constitute 10% of the total revenue and 1% of the total stores.

Country/Area & River basin

Turkey	Other, please specify (Kocaeli)

Number of facilities exposed to water risk
5

% company-wide facilities this represents
Less than 1%

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

<Not Applicable>

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

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

% company's total global revenue that could be affected
1-10

Comment
5 of the 23 stores which have a strategic impact on revenue are located in Asian Side of Istanbul. These stores constitute 6% of the total revenue and 0,4% of the total stores.

Country/Area & River basin

Turkey	Other, please specify (Gediz)

Number of facilities exposed to water risk
2

% company-wide facilities this represents
Less than 1%

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

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

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

% company's total global revenue that could be affected
1-10

Comment
2 of the 23 stores which have a strategic impact on revenue are located in İzmir. These stores constitute 2% of the total revenue and 0,3% of the total stores.

Country/Area & River basin

Turkey	Other, please specify (Mugla)

Number of facilities exposed to water risk
2

% company-wide facilities this represents
Less than 1%

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

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

<Not Applicable>

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

% company's total global revenue that could be affected
1-10

Comment
2 of the 23 stores which have a strategic impact on revenue are located in Muğla. These stores constitute 2% of the total revenue and 0,3% of the total stores.

Country/Area & River basin

Turkey	Other, please specify (Bursa/Balikesir)

Number of facilities exposed to water risk
1

% company-wide facilities this represents
Less than 1%

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

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

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

% company's total global revenue that could be affected
1-10

Comment
1 of the 23 stores which have a strategic impact on revenue is located in Bursa. This store constitutes 1% of the total revenue and 0,1% of the total stores.

Country/Area & River basin

Turkey	Other, please specify (Goksu)

Number of facilities exposed to water risk
1

% company-wide facilities this represents
Less than 1%

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

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

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

<Not Applicable>

% company's total global revenue that could be affected
1-10

Comment
1 of the 23 stores which have a strategic impact on revenue is located in Mersin. This store constitutes 1% of the total revenue and 0,1% of the total stores.

Country/Area & River basin

Turkey	Other, please specify (Seyhan)

Number of facilities exposed to water risk
1

% company-wide facilities this represents
Less than 1%

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

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

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

% company's total global revenue that could be affected
1-10

Comment
1 of the 23 stores which have a strategic impact on revenue is located in Adana. This store constitutes 1% of the total revenue and 0,1% of the total stores.

Country/Area & River basin

Turkey	Other, please specify (Buyuk Menderes)

Number of facilities exposed to water risk
1

% company-wide facilities this represents
Less than 1%

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

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

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

% company's total global revenue that could be affected

1-10

Comment
1 of the 23 stores which have a strategic impact on revenue is located in Denizli. This store constitutes 1% of the total revenue and 0,1% of the total stores.

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 (Gediz)

Type of risk & Primary risk driver

Regulatory	Mandatory water efficiency, conservation, recycling or process standards

Primary potential impact
Fines, penalties or enforcement orders

Company-specific description
CarrefourSA generally does not have any significant impact on water pollution in its direct operations as a retail sector company. However, it has restaurants in some of its stores. One of the wastes in these restaurants is waste vegetable oil. If this wastewater is discharged to the receiving environment without being treated, it causes water pollution. It is known that 1 liter of waste oil pollutes 1 million liters of drinking water. According to the Environmental Law and the Regulation on the Control of Waste Vegetable Oils and Waste Management Regulation issued accordingly, it is mandatory to collect waste vegetable oils separately from other wastes produced in the stores and send them to recycling or disposal facilities. If CarrefourSA does not collect waste vegetable oil in accordance with this law, it will be subject to fines, which poses both a reputational and regulatory risk for the company. This application was applied to 31 stores in 2021, 11 of which are stores within the strategic impact. Among these 11 stores, the store that produces the most waste oil with 2176 L is Hilltown Karsiyaka Hyper, located in the Gediz River basin, which has high water stress. Therefore, it is the store with the highest financial risk.

Timeframe
Current up to one year

Magnitude of potential impact
Medium

Likelihood
Virtually certain

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

Potential financial impact figure (currency)
<Not Applicable>

Potential financial impact figure - minimum (currency)
545787

Potential financial impact figure - maximum (currency)
3865004

Explanation of financial impact
There is a fine of 88499 TL for polluting water resources with waste vegetable oils. In case the oil collected from the customers leaks or spills from the collection containers, there is an administrative fine of 88499 TL for polluting the soil. In addition, a minimum penalty of 402385 TL and a maximum of 3688006 TL must be paid in case the waste vegetable oils are not collected in separate closed equipment according to the standards specified in the regulation or are not given to the licensed company. When all these costs are summed, the minimum potential financial impact of the store that produces the most waste oil is 545787 TL and the maximum is 3865004 TL.

Primary response to risk
Comply with local regulatory requirements

Description of response
93% of CarrefourSA's business units are located in areas with high water stress. Paying attention to its effect on the water both in its own activities and in its supply chain, the company collects waste vegetable oil from markets or restaurants. If this collection is not carried out and causes any pollution by mixing with the water, the penalty cost must be paid within 1 year as it will pose a risk due to regulation. For this reason, this collection is carried out regularly in agreement with a licensed biodiesel production company. With its circular economy approach, CarrefourSA is considered to have sold biodiesel raw material while preventing the water pollution it may cause directly in its operations in return for this service. In addition, it turns the risk that it will face into an opportunity by generating income from it. This application was applied to 31 stores in 2021, 11 of which are stores within the strategic impact. Among these 11 stores, the one with the highest amount of waste oil collection with 2176 L is Hilltown Karsiyaka Hyper, located in the Gediz River basin. However, taking into account its other value chain, CarrefourSA has waste oil collection boxes in all its stores in Turkey, and waste oils brought by customers are also collected. Thus, it helps its customers to prevent any pollution that may be caused in this regard.

Cost of response
156107

Explanation of cost of response
CarrefourSA has spent approximately 20,000 TL working with environmental consultants for the training preparation. Transport records of waste vegetable oils are recorded on the website of the Ministry of Environment. For this reason, company spent 120,000 TL working with the consultant firm to register all stores with the waste management application of Ministry of Environment for 6 months. In addition, 4275 TL was spent on waste oil collection boxes that comply with the regulation Besides all these expenses, for 2176 L of oil collected from the relevant store in 2021, a profit of 11832 TL was obtained from the licensed biodiesel production company with which CarrefourSA has a contract. The response cost was calculated 156,107 TL when all these incomes and expenses were summed.

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 (Sea of Marmara Coast)

Stage of value chain

Supply chain

Type of risk & Primary risk driver

Acute physical	Drought

Primary potential impact

Supply chain disruption

Company-specific description

Turkey is expected to be the 27th country with the highest water stress in the world by 2040. In the scenario analyses made, it is predicted that the water stress level of Turkey, which was 3.32 in 2010, will increase to 4.27 in 2040. This will cause drought-induced disruptions in the food supply. Sales of food products constitute a large part of CarrefourSA's revenues. Therefore, inflation-induced cost increases and supply disruptions in food products will reduce CarrefourSA's revenues. The majority of CarrefourSA's revenues are from its stores located in Istanbul. 10 of these stores, which have both strategic impacts and are located in the high water stress region, are located in the Sea of Marmara Coast basin.

Timeframe

More than 6 years

Magnitude of potential impact

Medium-high

Likelihood

Likely

Are you able to provide a potential financial impact figure?

Yes, a single figure estimate

Potential financial impact figure (currency)

96922134.18

Potential financial impact figure - minimum (currency)

<Not Applicable>

Potential financial impact figure - maximum (currency)

<Not Applicable>

Explanation of financial impact

The majority of CarrefourSA's food revenues are from its stores located in Istanbul. Ten of these stores are located in the Sea of Marmara Basin and have a strategic impact on the company's revenues. It is predicted that the potential financial impact that will be caused by the food supply disruptions foreseen in the future will be approximately 96.922.134,18 TL, which is the 2021 revenues from the fruit and vegetable sales of the relevant stores.

Primary response to risk

Direct operations	Increase investment in new technology

Description of response

Due to the drought problem that may occur in the future related to the climate crisis, CarrefourSA follows technological developments as an alternative solution in addition to traditional agriculture and applies them in its stores. One of them is the "Bizim Bahçe" application. Thanks to this application, which works with the "On-Site Production and Vertical Agriculture" system, some of the vegetable products can be grown in CarrefourSA's stores. The system is based on the logic of continuous monitoring of the production area together with the receivers and making production by activating the necessary factors such as mineral heat and light when necessary. In addition, 90 percent savings are achieved compared to traditional production methods because of the water conversion in the system. As a result, the sales prices of the products also decrease with this application since the logistics costs are reduced. In addition, since the products are not affected by external factors such as extreme weather events, a great advantage of continuous and regular harvesting is provided.

Cost of response

653324.59

Explanation of cost of response

This application is only available in 12 stores in Istanbul for now. 10 of them are stores located in the Sea of Marmara Coast basin. Each device for the Bizim Bahçe application is 7000 dollars. This value corresponds to 70000 dollars for CarrefourSA's 10 stores. This value corresponds to 616000 TL for 10 devices when multiplied by 8.8, which is the average exchange rate of 2021. In addition, the annual amount of water used by 10 devices is 18 m3. The unit cost for water in 2021 is 13.6 TL. When the annual amount of water and the unit cost are multiplied, the annual water cost is equal to a total of 244.8 TL.
Moreover, the annual cost of fertilizer purchased for growing vegetables is 21600 TL, and the cost of seedlings is 7956.48 TL. In addition to all these, the income from the sales of 10 devices is 7523 TL, and thus the total cost of response is equal to 653324.59 TL.
In the coming years, as part of the renovation works, a vertical garden will be built in a part of the İçerenköy store. Various fruits and vegetables will be grown in the vertical garden and will be open to the customer. CarrefourSA aims to reduce its risk dependence with these kinds of applications, which continue to be developed, while the cost of response is expected to increase in the future.

W4.3

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

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

W4.3a

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

Type of opportunity

Products and services

Primary water-related opportunity

Increased sales of existing products/services

Company-specific description & strategy to realize opportunity

i) An explanation of why this opportunity is considered strategic for the company: Accessibility to ecological products gains importance in the 21st century, where the climate crisis plays a major role. Being aware of this, CarrefourSA attaches importance to offering products such as eco-certified cleaning products that will meet the needs of its customers, taking into account SDG 6 and SDG 12, which are a part of its sustainability approach. Green products are products developed to respect and protect the environment. More and more people are starting to take into account the environmental friendliness of a particular product in their decisions. Meeting the needs and demands of its customers as a market opportunity is considered a strategic opportunity for CarrefourSA to increase its revenues and not lose customers.

ii) An explanation of the action being taken to realize the opportunity: CarrefourSA has researched the demands of its customers in the market with the understanding of sustainability. As a result of its research, CarrefourSA realized that the demand for environmentally friendly products had increased and evaluated its product portfolio in line with these products. Therefore, CarrefourSA aims to increase the share of ECO-Label labeled products both in its own branded products and in its supply. ECO Planet product line of CarrefourSA has an EU Ecolabel certificate and is produced in facilities inspected by CarrefourSA within the framework of international standards. Eco-labels document the presence of questionable ingredients, the supply of raw materials or the production process itself, and in particular that a particular product is produced without harming forests and water, and local people.

iii) An example of the action taken to realize the opportunity, with reference to their outcome and timescale of implementation: Considering the customer preferences, it is seen that the demand for these products is increasing day by day. Since 2018, more than 6 million TL of revenue has been generated from ECO-labeled products every year. As a market opportunity, CarrefourSA aims to increase the number of products with these labels in its product groups and its stores in the 10 years.

Estimated timeframe for realization

Current - up to 1 year

Magnitude of potential financial impact
Medium

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

Potential financial impact figure (currency)
6167005.28

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

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

Explanation of financial impact
CarrefourSA's eco-labeled products receive many positive opinions from customers. Thanks to its customers following environmentally friendly products, there has been a demand for these products. The potential financial impact figure was calculated according to the sales turnover obtained from these products. The revenue from these products was 6.167.005,28 TL in 2021. CarrefourSA anticipates that this cost will continue to increase in the following years.

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)
İçerenköy Hiper

Country/Area & River basin

Turkey	Other, please specify (Kocaeli)

Latitude
40.978988

Longitude
29.100962

Located in area with water stress
Yes

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

Oil & gas sector business division
<Not Applicable>

Total water withdrawals at this facility (megaliters/year)
8.94

Comparison of total withdrawals with previous reporting year
Much lower

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

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
8.94

Total water discharges at this facility (megaliters/year)
8.91

Comparison of total discharges with previous reporting year
Much lower

Discharges to fresh surface water
0

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
8.91

Total water consumption at this facility (megaliters/year)
0.03

Comparison of total consumption with previous reporting year
Much lower

Please explain

CarrefourSA monitors the water stress risk of all business units with the WRI Aqueduct Tool. Water consumption value is the volume of water purchased for employees to drink. The water discharge volume is the water volume supplied from the municipal water source. The total withdrawal volume is calculated by the sum of these two uses. CarrefourSA defines the change between 5% and 10% as high or low in its operations. If the comparison result is less than 5%, it is considered about the same, if it is higher than 10%, it is considered very high or very low. Since the water used in all business units is supplied only from municipalities and clean water purchasing services, the resources that are not used in CarrefourSA are calculated as 0.

Facility reference number

Facility 2

Facility name (optional)

Beylikdüzü Marmara Park

Country/Area & River basin

Turkey	Other, please specify (Sea of Marmara Coast)

Latitude

41.011128

Longitude

28.658975

Located in area with water stress

Yes

Primary power generation source for your electricity generation at this facility

<Not Applicable>

Oil & gas sector business division

<Not Applicable>

Total water withdrawals at this facility (megaliters/year)

6.51

Comparison of total withdrawals with previous reporting year

Lower

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

0

Withdrawals from brackish surface water/seawater

0

Withdrawals from groundwater - renewable

0

Withdrawals from groundwater - non-renewable

0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
6.51

Total water discharges at this facility (megaliters/year)
6.48

Comparison of total discharges with previous reporting year
Lower

Discharges to fresh surface water
0

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
6.48

Total water consumption at this facility (megaliters/year)
0.03

Comparison of total consumption with previous reporting year
Much lower

Please explain
CarrefourSA monitors the water stress risk of all business units with the WRI Aqueduct Tool. Water consumption value is the volume of water purchased for employees to drink. The water discharge volume is the water volume supplied from the municipal water source. The total withdrawal volume is calculated by the sum of these two uses. CarrefourSA defines the change between 5% and 10% as high or low in its operations. If the comparison result is less than 5%, it is considered about the same, if it is higher than 10%, it is considered very high or very low. Since the water used in all business units is supplied only from municipalities and clean water purchasing services, the resources that are not used in CarrefourSA are calculated as 0.

Facility reference number
Facility 3

Facility name (optional)
Bayrampaşa Forum Hiper

Country/Area & River basin

Turkey	Other, please specify (Sea of Marmara Coast)

Latitude
41.047084

Longitude
28.897414

Located in area with water stress
Yes

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

Oil & gas sector business division
<Not Applicable>

Total water withdrawals at this facility (megaliters/year)
5.25

Comparison of total withdrawals with previous reporting year
Higher

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

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
5.25

Total water discharges at this facility (megaliters/year)
5.22

Comparison of total discharges with previous reporting year
Higher

Discharges to fresh surface water
0

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
5.22

Total water consumption at this facility (megaliters/year)
0.03

Comparison of total consumption with previous reporting year
Higher

Please explain
CarrefourSA monitors the water stress risk of all business units with the WRI Aqueduct Tool. Water consumption value is the volume of water purchased for employees to drink. The water discharge volume is the water volume supplied from the municipal water source. The total withdrawal volume is calculated by the sum of these two uses. CarrefourSA defines the change between 5% and 10% as high or low in its operations. If the comparison result is less than 5%, it is considered about the same, if it is higher than 10%, it is considered very high or very low. Since the water used in all business units is supplied only from municipalities and clean water purchasing services, the resources that are not used in CarrefourSA are calculated as 0.

Facility reference number
Facility 4

Facility name (optional)
Merter Hiper

Country/Area & River basin

Turkey	Other, please specify (Sea of Marmara Coast)

Latitude
40.997264

Longitude
28.886258

Located in area with water stress
Yes

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

Oil & gas sector business division
<Not Applicable>

Total water withdrawals at this facility (megaliters/year)
5.84

Comparison of total withdrawals with previous reporting year
Higher

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

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
5.84

Total water discharges at this facility (megaliters/year)
5.81

Comparison of total discharges with previous reporting year
Higher

Discharges to fresh surface water
0

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
5.81

Total water consumption at this facility (megaliters/year)
0.03

Comparison of total consumption with previous reporting year
Higher

Please explain
CarrefourSA monitors the water stress risk of all business units with the WRI Aqueduct Tool. Water consumption value is the volume of water purchased for employees to drink. The water discharge volume is the water volume supplied from the municipal water source. The total withdrawal volume is calculated by the sum of these two uses. CarrefourSA defines the change between 5% and 10% as high or low in its operations. If the comparison result is less than 5%, it is considered about the same, if it is higher than 10%, it is considered very high or very low. Since the water used in all business units is supplied only from municipalities and clean water purchasing services, the resources that are not used in CarrefourSA are calculated as 0.

Facility reference number
Facility 5

Facility name (optional)
Maltepe Park Hiper

Country/Area & River basin

Turkey	Other, please specify (Kocaeli)

Latitude
40.919195

Longitude
29.16414

Located in area with water stress
Yes

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

Oil & gas sector business division
<Not Applicable>

Total water withdrawals at this facility (megaliters/year)
6.11

Comparison of total withdrawals with previous reporting year
Lower

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

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
6.11

Total water discharges at this facility (megaliters/year)
6.08

Comparison of total discharges with previous reporting year
Lower

Discharges to fresh surface water
0

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
6.08

Total water consumption at this facility (megaliters/year)
0.03

Comparison of total consumption with previous reporting year
Much lower

Please explain
CarrefourSA monitors the water stress risk of all business units with the WRI Aqueduct Tool. Water consumption value is the volume of water purchased for employees to drink. The water discharge volume is the water volume supplied from the municipal water source. The total withdrawal volume is calculated by the sum of these two uses. CarrefourSA defines the change between 5% and 10% as high or low in its operations. If the comparison result is less than 5%, it is considered about the same, if it is higher than 10%, it is considered very high or very low. Since the water used in all business units is supplied only from municipalities and clean water purchasing services, the resources that are not used in CarrefourSA are calculated as 0.

Facility reference number
Facility 6

Facility name (optional)
İstinye Hiper

Country/Area & River basin

Turkey	Other, please specify (Sea of Marmara Coast)

Latitude
41.114246

Longitude
29.054141

Located in area with water stress
Yes

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

Oil & gas sector business division
<Not Applicable>

Total water withdrawals at this facility (megaliters/year)
6.87

Comparison of total withdrawals with previous reporting year
Higher

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

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
6.87

Total water discharges at this facility (megaliters/year)
6.85

Comparison of total discharges with previous reporting year
Higher

Discharges to fresh surface water
0

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
6.85

Total water consumption at this facility (megaliters/year)
0.02

Comparison of total consumption with previous reporting year
Much lower

Please explain
CarrefourSA monitors the water stress risk of all business units with the WRI Aqueduct Tool. Water consumption value is the volume of water purchased for employees to drink. The water discharge volume is the water volume supplied from the municipal water source. The total withdrawal volume is calculated by the sum of these two uses. CarrefourSA defines the change between 5% and 10% as high or low in its operations. If the comparison result is less than 5%, it is considered about the same, if it is higher than 10%, it is considered very high or very low. Since the water used in all business units is supplied only from municipalities and clean water purchasing services, the resources that are not used in CarrefourSA are calculated as 0.

Facility reference number
Facility 7

Facility name (optional)
Acıbadem Hiper

Country/Area & River basin

Turkey	Other, please specify (Kocaeli)

Latitude
41.00017

Longitude
29.032299

Located in area with water stress
Yes

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

Oil & gas sector business division
<Not Applicable>

Total water withdrawals at this facility (megaliters/year)
6.91

Comparison of total withdrawals with previous reporting year
Much higher

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

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
6.91

Total water discharges at this facility (megaliters/year)
6.89

Comparison of total discharges with previous reporting year
Much higher

Discharges to fresh surface water
0

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
6.89

Total water consumption at this facility (megaliters/year)
0.02

Comparison of total consumption with previous reporting year
Much lower

Please explain
CarrefourSA monitors the water stress risk of all business units with the WRI Aqueduct Tool. Water consumption value is the volume of water purchased for employees to drink. The water discharge volume is the water volume supplied from the municipal water source. The total withdrawal volume is calculated by the sum of these two uses. CarrefourSA defines the change between 5% and 10% as high or low in its operations. If the comparison result is less than 5%, it is considered about the same, if it is higher than 10%, it is considered very high or very low. Since the water used in all business units is supplied only from municipalities and clean water purchasing services, the resources that are not used in CarrefourSA are calculated as 0.

Facility reference number
Facility 8

Facility name (optional)
Orhaneli Hiper

Country/Area & River basin

Turkey	Other, please specify (Bursa)

Latitude
40.210472

Longitude
28.996161

Located in area with water stress
Yes

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

Oil & gas sector business division
<Not Applicable>

Total water withdrawals at this facility (megaliters/year)
5.44

Comparison of total withdrawals with previous reporting year
Much lower

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

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
5.44

Total water discharges at this facility (megaliters/year)
5.42

Comparison of total discharges with previous reporting year
Much lower

Discharges to fresh surface water
0

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
5.42

Total water consumption at this facility (megaliters/year)
0.02

Comparison of total consumption with previous reporting year
Much lower

Please explain
CarrefourSA monitors the water stress risk of all business units with the WRI Aqueduct Tool. Water consumption value is the volume of water purchased for employees to drink. The water discharge volume is the water volume supplied from the municipal water source. The total withdrawal volume is calculated by the sum of these two uses. CarrefourSA defines the change between 5% and 10% as high or low in its operations. If

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Facility reference number
Facility 9

Facility name (optional)
Karşıyaka Hilltown Hiper

Country/Area & River basin

Turkey	Other, please specify (Gediz)

Latitude
38.478212

Longitude
27.074981

Located in area with water stress
Yes

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

Oil & gas sector business division
<Not Applicable>

Total water withdrawals at this facility (megaliters/year)
3.23

Comparison of total withdrawals with previous reporting year
Much higher

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

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
3.23

Total water discharges at this facility (megaliters/year)
3.21

Comparison of total discharges with previous reporting year
Much higher

Discharges to fresh surface water
0

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
3.21

Total water consumption at this facility (megaliters/year)
0.02

Comparison of total consumption with previous reporting year
Much higher

Please explain
CarrefourSA monitors the water stress risk of all business units with the WRI Aqueduct Tool. Water consumption value is the volume of water purchased for employees to drink. The water discharge volume is the water volume supplied from the municipal water source. The total withdrawal volume is calculated by the sum of these two uses. CarrefourSA defines the change between 5% and 10% as high or low in its operations. If the comparison result is less than 5%, it is considered about the same, if it is higher than 10%, it is considered very high or very low. Since the water used in all business units is supplied only from municipalities and clean water purchasing services, the resources that are not used in CarrefourSA are calculated as 0.

Facility reference number
Facility 10

Facility name (optional)
Balçova Hiper

Country/Area & River basin

Turkey	Other, please specify (Gediz)

Latitude
38.395005

Longitude
27.048648

Located in area with water stress
Yes

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

Oil & gas sector business division
<Not Applicable>

Total water withdrawals at this facility (megaliters/year)
10.22

Comparison of total withdrawals with previous reporting year
Much lower

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

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
10.22

Total water discharges at this facility (megaliters/year)
10.19

Comparison of total discharges with previous reporting year
Much lower

Discharges to fresh surface water
0

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
10.19

Total water consumption at this facility (megaliters/year)
0.03

Comparison of total consumption with previous reporting year
Much lower

Please explain

CarrefourSA monitors the water stress risk of all business units with the WRI Aqueduct Tool. Water consumption value is the volume of water purchased for employees to drink. The water discharge volume is the water volume supplied from the municipal water source. The total withdrawal volume is calculated by the sum of these two uses. CarrefourSA defines the change between 5% and 10% as high or low in its operations. If the comparison result is less than 5%, it is considered about the same, if it is higher than 10%, it is considered very high or very low. Since the water used in all business units is supplied only from municipalities and clean water purchasing services, the resources that are not used in CarrefourSA are calculated as 0.

Facility reference number

Facility 11

Facility name (optional)

Marmaris Hiper

Country/Area & River basin

Turkey	Other, please specify (Mugla)

Latitude

36.858687

Longitude

28.253183

Located in area with water stress

Yes

Primary power generation source for your electricity generation at this facility

<Not Applicable>

Oil & gas sector business division

<Not Applicable>

Total water withdrawals at this facility (megaliters/year)

7.82

Comparison of total withdrawals with previous reporting year

Much higher

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

0

Withdrawals from brackish surface water/seawater

0

Withdrawals from groundwater - renewable

0

Withdrawals from groundwater - non-renewable

0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
7.82

Total water discharges at this facility (megaliters/year)
7.8

Comparison of total discharges with previous reporting year
Much higher

Discharges to fresh surface water
0

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
7.8

Total water consumption at this facility (megaliters/year)
0.02

Comparison of total consumption with previous reporting year
Lower

Please explain
CarrefourSA monitors the water stress risk of all business units with the WRI Aqueduct Tool. Water consumption value is the volume of water purchased for employees to drink. The water discharge volume is the water volume supplied from the municipal water source. The total withdrawal volume is calculated by the sum of these two uses. CarrefourSA defines the change between 5% and 10% as high or low in its operations. If the comparison result is less than 5%, it is considered about the same, if it is higher than 10%, it is considered very high or very low. Since the water used in all business units is supplied only from municipalities and clean water purchasing services, the resources that are not used in CarrefourSA are calculated as 0.

Facility reference number
Facility 12

Facility name (optional)
Limonluk Hiper

Country/Area & River basin

Turkey	Other, please specify (Goksu River)

Latitude
36.801541

Longitude
34.595638

Located in area with water stress
Yes

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

Oil & gas sector business division
<Not Applicable>

Total water withdrawals at this facility (megaliters/year)
4.16

Comparison of total withdrawals with previous reporting year
Much higher

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

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
4.16

Total water discharges at this facility (megaliters/year)
4.15

Comparison of total discharges with previous reporting year
Much higher

Discharges to fresh surface water
0

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
4.15

Total water consumption at this facility (megaliters/year)
0.01

Comparison of total consumption with previous reporting year
Much lower

Please explain
CarrefourSA monitors the water stress risk of all business units with the WRI Aqueduct Tool. Water consumption value is the volume of water purchased for employees to drink. The water discharge volume is the water volume supplied from the municipal water source. The total withdrawal volume is calculated by the sum of these two uses. CarrefourSA defines the change between 5% and 10% as high or low in its operations. If the comparison result is less than 5%, it is considered about the same, if it is higher than 10%, it is considered very high or very low. Since the water used in all business units is supplied only from municipalities and clean water purchasing services, the resources that are not used in CarrefourSA are calculated as 0.

Facility reference number
Facility 13

Facility name (optional)
Selamiçeşme

Country/Area & River basin

Turkey	Other, please specify (Kocaeli)

Latitude
40.97407

Longitude
29.054323

Located in area with water stress
Yes

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

Oil & gas sector business division
<Not Applicable>

Total water withdrawals at this facility (megaliters/year)
1.22

Comparison of total withdrawals with previous reporting year
Much lower

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

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
1.22

Total water discharges at this facility (megaliters/year)
1.21

Comparison of total discharges with previous reporting year
Much lower

Discharges to fresh surface water
0

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
1.21

Total water consumption at this facility (megaliters/year)
0.01

Comparison of total consumption with previous reporting year
About the same

Please explain
CarrefourSA monitors the water stress risk of all business units with the WRI Aqueduct Tool. Water consumption value is the volume of water purchased for employees to drink. The water discharge volume is the water volume supplied from the municipal water source. The total withdrawal volume is calculated by the sum of these two uses. CarrefourSA defines the change between 5% and 10% as high or low in its operations. If the comparison result is less than 5%, it is considered about the same, if it is higher than 10%, it is considered very high or very low. Since the water used in all business units is supplied only from municipalities and clean water purchasing services, the resources that are not used in CarrefourSA are calculated as 0.

Facility reference number
Facility 14

Facility name (optional)
Beşiktaş Gurme

Country/Area & River basin

Turkey	Other, please specify (Sea of Marmara Coast)

Latitude
41.092027

Longitude
29.028109

Located in area with water stress
Yes

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

Oil & gas sector business division
<Not Applicable>

Total water withdrawals at this facility (megaliters/year)
1.91

Comparison of total withdrawals with previous reporting year
About the same

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

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
1.91

Total water discharges at this facility (megaliters/year)
1.9

Comparison of total discharges with previous reporting year
About the same

Discharges to fresh surface water
0

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
1.9

Total water consumption at this facility (megaliters/year)
0.01

Comparison of total consumption with previous reporting year
Much lower

Please explain
CarrefourSA monitors the water stress risk of all business units with the WRI Aqueduct Tool. Water consumption value is the volume of water purchased for employees to drink. The water discharge volume is the water volume supplied from the municipal water source. The total withdrawal volume is calculated by the sum of these two uses. CarrefourSA defines the change between 5% and 10% as high or low in its operations. If the comparison result is less than 5%, it is considered about the same, if it is higher than 10%, it is considered very high or very low. Since the water used in all business units is supplied only from municipalities and clean water purchasing services, the resources that are not used in CarrefourSA are calculated as 0.

Facility reference number
Facility 15

Facility name (optional)
M1 Hiper

Country/Area & River basin

Turkey	Other, please specify (Seyham River)

Latitude
37.017389

Longitude
35.245203

Located in area with water stress
Yes

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

Oil & gas sector business division
<Not Applicable>

Total water withdrawals at this facility (megaliters/year)
1.76

Comparison of total withdrawals with previous reporting year
Much lower

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

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
1.76

Total water discharges at this facility (megaliters/year)
1.73

Comparison of total discharges with previous reporting year
Much lower

Discharges to fresh surface water
0

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
1.73

Total water consumption at this facility (megaliters/year)
0.03

Comparison of total consumption with previous reporting year
Much lower

Please explain
CarrefourSA monitors the water stress risk of all business units with the WRI Aqueduct Tool. Water consumption value is the volume of water purchased for employees to drink. The water discharge volume is the water volume supplied from the municipal water source. The total withdrawal volume is calculated by the sum of these two uses. CarrefourSA defines the change between 5% and 10% as high or low in its operations. If the comparison result is less than 5%, it is considered about the same, if it is higher than 10%, it is considered very high or very low. Since the water used in all business units is supplied only from municipalities and clean water purchasing services, the resources that are not used in CarrefourSA are calculated as 0.

Facility reference number
Facility 16

Facility name (optional)
Ortaköy Gurme

Country/Area & River basin

Turkey	Other, please specify (Sea of Marmara Coast)

Latitude
41.05874

Longitude
29.024312

Located in area with water stress
Yes

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

Oil & gas sector business division
<Not Applicable>

Total water withdrawals at this facility (megaliters/year)
1.34

Comparison of total withdrawals with previous reporting year
Much lower

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

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
1.34

Total water discharges at this facility (megaliters/year)
1.33

Comparison of total discharges with previous reporting year
Much lower

Discharges to fresh surface water
0

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
1.33

Total water consumption at this facility (megaliters/year)
0.01

Comparison of total consumption with previous reporting year
Much lower

Please explain
CarrefourSA monitors the water stress risk of all business units with the WRI Aqueduct Tool. Water consumption value is the volume of water purchased for employees to drink. The water discharge volume is the water volume supplied from the municipal water source. The total withdrawal volume is calculated by the sum of these two uses. CarrefourSA defines the change between 5% and 10% as high or low in its operations. If the comparison result is less than 5%, it is considered about the same, if it is higher than 10%, it is considered very high or very low. Since the water used in all business units is supplied only from municipalities and clean water purchasing services, the resources that are not used in CarrefourSA are calculated as 0.

Facility reference number
Facility 17

Facility name (optional)
Fulya Hiper

Country/Area & River basin

Turkey	Other, please specify (Sea of Marmara Coast)

Latitude
41.055077

Longitude
28.99931

Located in area with water stress
Yes

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

Oil & gas sector business division
<Not Applicable>

Total water withdrawals at this facility (megaliters/year)
3.58

Comparison of total withdrawals with previous reporting year
Higher

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

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
3.58

Total water discharges at this facility (megaliters/year)
3.57

Comparison of total discharges with previous reporting year
Higher

Discharges to fresh surface water
0

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
3.57

Total water consumption at this facility (megaliters/year)
0.01

Comparison of total consumption with previous reporting year
About the same

Please explain
CarrefourSA monitors the water stress risk of all business units with the WRI Aqueduct Tool. Water consumption value is the volume of water purchased for employees to drink. The water discharge volume is the water volume supplied from the municipal water source. The total withdrawal volume is calculated by the sum of these two uses. CarrefourSA defines the change between 5% and 10% as high or low in its operations. If

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Facility reference number
Facility 18

Facility name (optional)
Cihangir Gurme

Country/Area & River basin

Turkey	Other, please specify (Sea of Marmara Coast)

Latitude
41.031485

Longitude
28.98258

Located in area with water stress
Yes

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

Oil & gas sector business division
<Not Applicable>

Total water withdrawals at this facility (megaliters/year)
0.73

Comparison of total withdrawals with previous reporting year
Much higher

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

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
0.73

Total water discharges at this facility (megaliters/year)
0.72

Comparison of total discharges with previous reporting year
Much higher

Discharges to fresh surface water
0

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
0.72

Total water consumption at this facility (megaliters/year)
0.01

Comparison of total consumption with previous reporting year
Much lower

Please explain
CarrefourSA monitors the water stress risk of all business units with the WRI Aqueduct Tool. Water consumption value is the volume of water purchased for employees to drink. The water discharge volume is the water volume supplied from the municipal water source. The total withdrawal volume is calculated by the sum of these two uses. CarrefourSA defines the change between 5% and 10% as high or low in its operations. If the comparison result is less than 5%, it is considered about the same, if it is higher than 10%, it is considered very high or very low. Since the water used in all business units is supplied only from municipalities and clean water purchasing services, the resources that are not used in CarrefourSA are calculated as 0.

Facility reference number
Facility 19

Facility name (optional)
Kemerburgaz

Country/Area & River basin

Turkey	Other, please specify (Sea of Marmara Coast)

Latitude
41.181343

Longitude
28.88263

Located in area with water stress
Yes

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

Oil & gas sector business division
<Not Applicable>

Total water withdrawals at this facility (megaliters/year)
1.16

Comparison of total withdrawals with previous reporting year
Much higher

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

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
1.16

Total water discharges at this facility (megaliters/year)
1.15

Comparison of total discharges with previous reporting year
Much higher

Discharges to fresh surface water
0

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
1.15

Total water consumption at this facility (megaliters/year)
0.01

Comparison of total consumption with previous reporting year
Much lower

Please explain

CarrefourSA monitors the water stress risk of all business units with the WRI Aqueduct Tool. Water consumption value is the volume of water purchased for employees to drink. The water discharge volume is the water volume supplied from the municipal water source. The total withdrawal volume is calculated by the sum of these two uses. CarrefourSA defines the change between 5% and 10% as high or low in its operations. If the comparison result is less than 5%, it is considered about the same, if it is higher than 10%, it is considered very high or very low. Since the water used in all business units is supplied only from municipalities and clean water purchasing services, the resources that are not used in CarrefourSA are calculated as 0.

Facility reference number

Facility 20

Facility name (optional)

Sefaköy Armoni Park Hiper

Country/Area & River basin

Turkey	Other, please specify (Sea of Marmara Coast)

Latitude

41.071709

Longitude

28.796357

Located in area with water stress

Yes

Primary power generation source for your electricity generation at this facility

<Not Applicable>

Oil & gas sector business division

<Not Applicable>

Total water withdrawals at this facility (megaliters/year)

2.25

Comparison of total withdrawals with previous reporting year

Higher

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

0

Withdrawals from brackish surface water/seawater

0

Withdrawals from groundwater - renewable

0

Withdrawals from groundwater - non-renewable

0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
2.25

Total water discharges at this facility (megaliters/year)
2.23

Comparison of total discharges with previous reporting year
Higher

Discharges to fresh surface water
0

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
2.23

Total water consumption at this facility (megaliters/year)
0.02

Comparison of total consumption with previous reporting year
About the same

Please explain
CarrefourSA monitors the water stress risk of all business units with the WRI Aqueduct Tool. Water consumption value is the volume of water purchased for employees to drink. The water discharge volume is the water volume supplied from the municipal water source. The total withdrawal volume is calculated by the sum of these two uses. CarrefourSA defines the change between 5% and 10% as high or low in its operations. If the comparison result is less than 5%, it is considered about the same, if it is higher than 10%, it is considered very high or very low. Since the water used in all business units is supplied only from municipalities and clean water purchasing services, the resources that are not used in CarrefourSA are calculated as 0.

Facility reference number
Facility 21

Facility name (optional)
Teras Park Hiper

Country/Area & River basin

Turkey	Other, please specify (Buyuk Menderes River)

Latitude
37.762139

Longitude
29.042579

Located in area with water stress
Yes

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

Oil & gas sector business division
<Not Applicable>

Total water withdrawals at this facility (megaliters/year)
2.64

Comparison of total withdrawals with previous reporting year
Much lower

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

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
2.64

Total water discharges at this facility (megaliters/year)
2.63

Comparison of total discharges with previous reporting year
Much lower

Discharges to fresh surface water
0

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
2.63

Total water consumption at this facility (megaliters/year)
0.01

Comparison of total consumption with previous reporting year
Much lower

Please explain
CarrefourSA monitors the water stress risk of all business units with the WRI Aqueduct Tool. Water consumption value is the volume of water purchased for employees to drink. The water discharge volume is the water volume supplied from the municipal water source. The total withdrawal volume is calculated by the sum of these two uses. CarrefourSA defines the change between 5% and 10% as high or low in its operations. If the comparison result is less than 5%, it is considered about the same, if it is higher than 10%, it is considered very high or very low. Since the water used in all business units is supplied only from municipalities and clean water purchasing services, the resources that are not used in CarrefourSA are calculated as 0.

Facility reference number
Facility 22

Facility name (optional)
Anadolu Hisarı Gurme

Country/Area & River basin

Turkey	Other, please specify (Kocaeli)

Latitude
41.079606

Longitude
29.073207

Located in area with water stress
Yes

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

Oil & gas sector business division
<Not Applicable>

Total water withdrawals at this facility (megaliters/year)
2.31

Comparison of total withdrawals with previous reporting year
Much higher

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

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
2.31

Total water discharges at this facility (megaliters/year)
2.31

Comparison of total discharges with previous reporting year
Much higher

Discharges to fresh surface water
0

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
2.31

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

Comparison of total consumption with previous reporting year
Much lower

Please explain
CarrefourSA monitors the water stress risk of all business units with the WRI Aqueduct Tool. Water consumption value is the volume of water purchased for employees to drink. The water discharge volume is the water volume supplied from the municipal water source. The total withdrawal volume is calculated by the sum of these two uses. CarrefourSA defines the change between 5% and 10% as high or low in its operations. If the comparison result is less than 5%, it is considered about the same, if it is higher than 10%, it is considered very high or very low. Since the water used in all business units is supplied only from municipalities and clean water purchasing services, the resources that are not used in CarrefourSA are calculated as 0.

Facility reference number
Facility 23

Facility name (optional)
Bodrum Merkez Süper

Country/Area & River basin

Turkey	Other, please specify (Mugla)

Latitude
37.041844

Longitude
27.433448

Located in area with water stress
Yes

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

Oil & gas sector business division
<Not Applicable>

Total water withdrawals at this facility (megaliters/year)
0.86

Comparison of total withdrawals with previous reporting year
About the same

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

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
0.86

Total water discharges at this facility (megaliters/year)
0.85

Comparison of total discharges with previous reporting year
About the same

Discharges to fresh surface water
0

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
0.85

Total water consumption at this facility (megaliters/year)
0.01

Comparison of total consumption with previous reporting year
Much lower

Please explain
CarrefourSA monitors the water stress risk of all business units with the WRI Aqueduct Tool. Water consumption value is the volume of water purchased for employees to drink. The water discharge volume is the water volume supplied from the municipal water source. The total withdrawal volume is calculated by the sum of these two uses. CarrefourSA defines the change between 5% and 10% as high or low in its operations. If the comparison result is less than 5%, it is considered about the same, if it is higher than 10%, it is considered very high or very low. Since the water used in all business units is supplied only from municipalities and clean water purchasing services, the resources that are not used in CarrefourSA are calculated as 0.

W5.1a

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

Water withdrawals – total volumes

% verified
76-100

Verification standard used
The total water withdrawal volume of CarrefourSA consists of the drinking water purchased for its employees and the water discharged. Purchased water and discharged water is invoiced and verified monthly by local services and related municipalities.

Please explain
<Not Applicable>

Water withdrawals – volume by source

% verified
76-100

Verification standard used
The water supplied by CarrefourSA comes only from the municipal water of the region where it is located. Authorized persons in each city's own municipality monitor the amount of water CarrefourSA discharges monthly with meters and verify it by invoicing.

Please explain

<Not Applicable>

Water withdrawals – quality by standard water quality parameters

% verified

76-100

Verification standard used

The total water withdrawal volume of CarrefourSA consists of the drinking water purchased for its employees and the water discharged. The discharged water is analyzed annually in laboratories by CarrefourSA in accordance with Regulation by the Ministry of Health on Water Intended for Human Consumption. In addition, municipalities take samples from all networks and read and verify the water quality parameters, which are accredited 17025 in their own laboratory.

Please explain

<Not Applicable>

Water discharges – total volumes

% verified

76-100

Verification standard used

ISAE 3000

Please explain

<Not Applicable>

Water discharges – volume by destination

% verified

76-100

Verification standard used

ISAE 3000

Please explain

<Not Applicable>

Water discharges – volume by final treatment level

% verified

76-100

Verification standard used

ISAE 3000

Please explain

<Not Applicable>

Water discharges – quality by standard water quality parameters

% verified

76-100

Verification standard used

The discharged water is analyzed annually in laboratories by CarrefourSA in accordance with Regulation by the Ministry of Health on Water Intended for Human Consumption. In addition, municipalities take samples from all networks and read and verify the water quality parameters, which are accredited 17025 in their own laboratory.

Please explain

<Not Applicable>

Water consumption – total volume

% verified

76-100

Verification standard used

Drinking water purchased for employees constitutes the total volume of water consumption. Purchased drinking water is invoiced and verified monthly by local services.

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 Description of water-related performance standards for direct operations	An explanation of how the policy is applicable company-wide: CarrefourSA has created the Water Policy as a sub-component of the Sustainability Policy, taking into account both the IPCC reports and the climate change scenario analyzes of WRI. Within the framework of its Water Policy, it aims to create value in its own activities, value chain, employees, shareholders and society in the long term by observing the right to access clean and safe water. For this purpose, CarrefourSA is implements the water policy with the reports of the WRI Aqueduct Tool and the Ministry of Agriculture and Forestry, the water stress of the regions where all business units (Head Office, stores, branch offices, distribution centers) operate, the amount of water in the basins and water

	Scope	Content	Please explain
		Description of water-related standards for procurement Reference to international standards and widely-recognized water initiatives Company water targets and goals Commitment to align with public policy initiatives, such as the SDGs Commitments beyond regulatory compliance Commitment to water-related innovation Commitment to stakeholder awareness and education Commitment to water stewardship and/or collective action Commitment to safely managed Water, Sanitation and Hygiene (WASH) in the workplace Commitment to safely managed Water, Sanitation and Hygiene (WASH) in local communities Acknowledgement of the human right to water and sanitation Recognition of environmental linkages, for example, due to climate change	quality parameters are regularly monitored. In addition, by adopting a sustainability approach, CarrefourSA evaluates technological developments in the collection of oils in wastewater, artificial intelligence-based agriculture and sustainable agricultural practices, environmentally friendly products, and water efficiency applications, within the scope of water-based opportunities and makes them widespread in its operations. In addition, the sustainability committee, which meets at least 4 times a year, regularly evaluates these water-related risks and opportunities together with members from all departments and takes action in line with the Water Policy at the link: https://www.carrefoursa.com/kurumsal/surdurulebilirlik/politikalarimiz/

W6.2

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

Yes

W6.2a

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

Position of individual	Please explain
Chief Executive Officer (CEO)	i)How the individual's responsibility is directly related to water issues: CEO is responsible for all the sustainability matters in the company including water-related issues. CEO's responsibility is related to the climate issues that is addressed in CarrefourSA directly. The CEO views every action that CarrefourSA is going to take and participates in the decision-making process after an examination. ii)Examples of a water-related decision: In the last two years, one of the decisions about water that has been implemented after the approval of the CEO is the "Our Garden" application. CarrefourSA has been growing vegetables in its stores with this application, thanks to the "On-Site Production and Vertical Agriculture" system since 2020. Due to the water conversion in this system, 90 percent water savings are achieved compared to traditional production methods. It is aimed to expand this artificial intelligence-based application, which is currently available in a total of 6 stores in Istanbul, to other stores in the coming years. Another decision that passed the approval of the CEO is the collection of oils in wastewater. Waste vegetable oil obtained from restaurants in the markets or collected from customers is given to a licensed recycling company to transform it into biodiesel, thus contributing to the cleanliness of underground water resources and seas. Despite the pandemic conditions, approximately 10 tons of waste oil were collected from stores in 2021 and converted into biodiesel.

W6.2b

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

	Frequency that water-related issues are a scheduled agenda item	Governance mechanisms into which water-related issues are integrated	Please explain
Row 1	Scheduled - some meetings	Monitoring implementation and performance Overseeing acquisitions and divestiture Overseeing major capital expenditures Reviewing and guiding annual budgets Reviewing and guiding business plans Reviewing and guiding major plans of action Reviewing and guiding risk management policies Reviewing and guiding strategy	CarrefourSA's mission, vision, values and policies are reviewed annually by the board; The strategic targets formed in terms of climate issues including water ones are shared with the employees at the annual meetings and are included in the annual report. The Sustainability Committee was established and authorized with the approval of the CSA Executive Board which hold meetings on a monthly basis. Subcommittees have been established to support the implementation of the Committee's decisions. Names of subcommittees linked to climate change including water related issues are: Climate Change, Water Management, Waste Management, Green Finance, Risk Management. The Committee reports to the CSA Executive Board regarding all its activities. Strategies defined by the Executive Board are discussed and approved by the Board of Directors. The CEO also has annual personal goals linked to climate change. These goals are: "measuring scope 1 and scope 2 emission values and confirming their accuracy by external auditing + 5% reduction in emissions per unit sales area compared to the previous year", "10% reduction in the use of plastic for the office compared to the previous year". These goals are reviewed at the midterm evaluation meeting, and accordingly, the board forms new strategies; or review, renew and examine existing ones.

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	All the CSA Executive Board members have strong KPIs related to environmental and sustainability issues. Their accomplishment toward these goals in past was used as a criterion to assess their competence in the climate and water-related issues.	<Not Applicable>	<Not Applicable>

W6.3

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

Name of the position(s) and/or committee(s)
Chief Sustainability Officer (CSO)

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

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

Please explain
ii) Description of the water-related topics that are reported to the board: The CSO and the sustainability committee (SC) evaluate environmental and water management at their regular meetings. In these meetings, new technologies that can be applied to ensure water efficiency and reduce consumption are discussed and situation assessments are made.
iii) Details on the water-related responsibilities : The SC is formed by the CSA Executive Committee; presided by the Vice President of Human Resources and Sustainability and coordinated by the OHS. The CSO is the lead this group management. The decisions and strategies taken in the meetings are followed by each committee member. These members are the group managers of different departments responsible for their department's sustainability performance. The responsibilities of CSO include assessing risks related to water-driven issues within the SC and then reporting to the Board with management options of the 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	

W6.4a

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

	Role(s) entitled to incentive	Performance indicator	Please explain
Monetary reward	Chief Sustainability Officer (CSO)	Reduction of water withdrawals Reduction in consumption volumes Improvements in efficiency - direct operations Improvements in efficiency - supply chain Improvements in efficiency - product-use Implementation of employee awareness campaign or training program Supply chain engagement Other, please specify (CDP Water Security Program Score)	Turkey is not yet a water-poor country, but suffers from water stress, especially due to incorrect water use. While per capita water use was 1346 m3 in the reporting year, it is predicted that this use will decrease to 1100 m3 in 2030 and the water stress level of Turkey will be 4.27 by 2040. Therefore, CarrefourSA has targets to reduce total water consumption and total water withdrawal by developing efficiency practices in the supply chain and product use, especially in direct operations in water targets. In this context, incentive awards are given to both senior management and employees. Particularly, KPIs of the CSO, include water issue-related targets. Year-end bonuses are determined according to the results of KPIs. For example, if one of these KPIs achieves at least 5% social and environmental compliance in service procurement and investment contracts and water use is reduced by at least 2%, year-end bonuses are determined. Some of the targets are to reduce water consumption and withdrawal amount by applying new technologies and to monitor and promote water management in the supply chain. In addition, raising awareness of the employees and organizing training programs if necessary is one of the expectations from the CSO. The measurement of KPI achievement is determined via the percentages of subjects related to KPIs. If the CSO can achieve KPI related to targets in terms of water issues; the KPI then counts as achieved and an annual bonus is determined.
Non-monetary reward	Please select	Please select	

W6.5

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

Yes, 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?

i) The Committee is chaired by the Deputy General Manager of Human Resources. Occupational Health and Safety, Quality Assurance, Environment and Sustainability (OHSQAES) Group Manager is responsible for the coordination of the committee and the follow-up of the works. The committee includes a person with the highest level of responsibility from each department of CarrefourSA. Each member is responsible for announcing the decisions taken by the committee within their organization, leading and monitoring the projects to be realized within their organization. “Sub-Committees” are formed for the projects determined by the committee. These subcommittees are responsible for monitoring the projects. Integrated annual reports are prepared from the feedback of each department to control the progress of the projects and the compliance of CarrefourSA with the strategic targets. In addition, OHSQAES Group Manager is responsible for developing internal and external stakeholder relations. Parallel to the Sabancı Holding strategy, he coordinates with other group managers for the execution of the strategy. He organizes capacity-building meetings in order to make sustainability a way of doing business.

ii) When non-compliance is detected in the committee evaluations, the sub-units and the committee come together, improvement practices are investigated, and the unit where the non-compliance is detected is warned to take action and controlled by the unit manager.

W6.6

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

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

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	11-15	At Sabancı Group, water is seen as a fundamental natural capital for all sectors in which they operate. Group are aware that disruption in water supply will adversely affect all business processes. Accordingly, Group define their impact on water resources on an industry basis, and carry out studies focused on efficiency, recovery and savings to manage water in a sustainable manner. CarrefourSA knows the value of water in all its direct and indirect activities and takes measures to reduce water consumption being aware of the fact that one of the most important consequences of climate change will be on water resources. For these precautions, it measures and reports monthly water usage in all stores and distribution centers directly in their operations. It also examines its suppliers on water-related issues for the production of its own branded products. As drought-related interruptions in food supply carry an operational and financial risk, water-related risks in the supply chain are also evaluated in long-term strategies. For this purpose, CarrefourSA monitors the water stress risk of the regions in which it operates with the WRI Aqueduct Tool. In addition, CarrefourSA considers the needs of its customers, one of its most important stakeholders. It aims to develop and disseminate low water impact products such as ECO-Labeled products, as the failure to meet the needs of the customer will have a negative impact on the income.
Strategy for achieving long-term objectives	Yes, water-related issues are integrated	11-15	CarrefourSA is following a Net Zero map by 2050 with Sabancı Group. Every strategic plan is projected considering the consequences of climate crisis and what CarrefourSA can do against it. CarrefourSA's general strategy in water use is that its use does not increase within the framework of hygiene principles. The technical studies that can be done to reduce water usage in direct operations are related to the simplification of functions, especially in new store works. Apart from this, in order to limit the use, it does not make projects to supply the natural landscape with water above the need, and does not manufacture any installations that will use water other than business, employee and customer needs. CarrefourSA, which currently questions the institution's water compatibility controls and water adequacy in supplier inspection lists, continues its studies on the Private Label Product Sustainability Strategy. Company develops this strategy on two key issues: responsible product and responsible sourcing. One of the issues addressed in the responsible product category is the examination of private label products from a life cycle perspective. CarrefourSA Sustainability and Quality Assurance Unit is preparing to provide feedback to suppliers about having LCA for their products and improving their processes with this perspective. In the responsible procurement

	Are water-related issues integrated?	Long-term time horizon (years)	Please explain
			category, suppliers will be encouraged to have social compliance certificates and environmental labels.
Financial planning	Yes, water-related issues are integrated	11-15	CarrefourSA Savings Committee projects are coordinated by the Technical Purchasing and Maintenance Group Manager and become a part of financial planning. Since municipal water and water purchased from local services are used in stores, water management has been tried to be shaped only through training and data tracking. However, studies are carried out to monitor the data with store-based automatic methods in order to follow-up financial strategies. In addition, CarrefourSA, aware of the increasing demand of the customer for environmentally friendly products with certificates such as EU Ecolabel, FSC, FOS and organic, also monitors the sales and sales shares of these products.

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)

70

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

85

Water-related OPEX (+/- % change)

16

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

20

Please explain

Various faucet expenditures are taken into account in the water-related CAPEX costs. A total of 70% increase was observed due to reasons such as new stores opened in 2021 and faucet changes in existing stores, and also the increased exchange rate caused an increase in the prices of goods sold. For the same reasons, an increase of approximately 85% is foreseen for the next year.
OPEX costs related to water consist of the total amount of water purchased by CarrefourSA from the municipal and local services and the expenditures made for water quality analysis. In 2021, a total of 16% increase in water consumption costs, 73% in water quality analyses, and 16% in total were observed. The main reason for this is the increase in unit prices and the cost of analysis services. For the same reasons, an increase of approximately 20% is foreseen for the next year.

W7.3

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

	Use of scenario analysis	Comment
Row 1	Yes	

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	CarrefourSA is following a Net Zero map by 2050 with Sabancı Group. Every strategic plan is projected considering the consequences of climate crisis and what CarrefourSA can do against it. For this reason, it determines its climate-based long-term strategies with IEA 2DS and RCP 4.5 scenario analysis. IEA's 2DS Scenario is built on a projected warming limit of 2 degrees Celsius and it is providing a scenario analysis based on the development of lower carbon technology and its deployment in various sectors. According to the RCP 4.5 climate scenario, global temperature increase of 1.5 degrees Celsius will have a crucial impact on Turkey. Annual precipitation amounts are expected to change accordingly to this increase, moreover some areas are expected to face drought. CarrefourSA is highly dependent on water both in its direct and indirect activities, especially in the supply of vegetable and fruit products. Therefore, future scenarios of WRI Aqueduct Tool are also used in risk assessments and strategy determination for drought risk. With this tool, CarrefourSA monitors qualitative	CarrefourSA used the WRI Aqueduct Water Risk Atlas tool to assess water risks. The change in water stress up to 2030 was analyzed according to the pessimistic scenario. According to the Water Risk Atlas, it is estimated that water stress will increase approximately 2 times in 2030 in various basins where CarrefourSA stores are located and where food products are grown. With the increase of water stress, it is expected that agricultural productivity will decrease and product prices will increase. In addition, it is foreseen that there will be changes in the product variety and the regions where the products are grown. Agricultural production has already started to shift to the Marmara Region, as inefficient production occurs due to the fact that water comes out of the underground artesian wells in Central Anatolia from deeper and deeper. It was determined that the drought affected the open field products the most in the	A description of the response to the water-related outcomes and the anticipated timescale: Achieving net-zero emissions by 2050 is important for both Sabancı Group and CarrefourSA. For this reason, emission reduction, resource efficiency, and net-zero studies are on the company's agenda while creating a strategic plan as an action against the climate crisis. In this regard, CarrefourSA focuses on its long-term strategies for energy and water-efficient technological developments as an alternative solution in addition to traditional agriculture and applies them in its stores taking into account the scenario analysis. One of them is the "Bizim Bahçe" application. Thanks to this application, which works with the "On-Site Production and Vertical Agriculture" system, some of the vegetable products can be grown in CarrefourSA's stores. The system is based on the logic of continuous monitoring of the production area together with the receivers and making production by activating the necessary factors such as mineral

	Type of scenario analysis used	Parameters, assumptions, analytical choices	Description of possible water-related outcomes	Influence on business strategy
		and quantitative parameters such as possible water stress, seasonal variability, water supply, and water demand for the year 2030.	CarrefourSA product portfolio such as potato, onion, watermelon, melon, tomato paste, and pepper paste.	heat and light when necessary. In addition, 90 percent savings are achieved compared to traditional production methods because of the water conversion in the system. Although CarrefourSA currently has this application in only 12 stores as a prototype, it aims to expand it in its stores within 10 years due to its advantages.

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

As a company serving in the retail sector, CarrefourSA supplies water from the municipality and local services in its operations. Therefore, it is subject to the price policy determined by these third parties. However, internal price water applications are being explored among its financial plans as part of its long-term strategy.

W7.5

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

	Products and/or services classified as low water impact	Definition used to classify low water impact	Primary reason for not classifying any of your current products and/or services as low water impact	Please explain
Row 1	Yes	CarrefourSA considers water usage and water consumption amounts while classifying its products for low water impact. Products/services that use or consume 20% less water than traditional methods are considered as low water impact. In addition, prod-	<Not Applicable>	CarrefourSA is able to grow some vegetable products in its stores with the low water impact "Bizim Bahçe" application. The system is based on the logic of continuous monitoring of the production area with the buyers and, when necessary, activating the necessary factors such as mineral heat and light. Thanks to the water conversion in the system,

	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
		ucts with eco-labeled and water usage optimized during production are also included in the same category.		90 percent savings are achieved compared to traditional production methods. Although CarrefourSA currently has this application as a prototype in only 12 stores, it aims to expand it in its stores within 10 years due to its advantages.

W8. Targets

W8.1

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

	Levels for targets and/or goals	Monitoring at corporate level	Approach to setting and monitoring targets and/or goals
Row 1	Company-wide targets and goals Business level specific targets and/or goals Activity level specific targets and/or goals	Targets are monitored at the corporate level Goals are monitored at the corporate level	Sabancı Holding takes actions that will carry it to Net Zero Emission and Net Zero Waste targets by 2050 at the latest, in order to take pioneering steps for the solution of the climate crisis. In line with these goals, Holding established the Responsible Investment Policy to be implemented in all group companies in order to guide capital allocation and investment decisions and to ensure the sustainability of the value chain in 2021. The policy demonstrates Holding's determination to make a positive contribution to the Sustainable Development Goals, to increase the Environmental Social Governance (ESG) performance in the entire value chain, and to carry out its activities by considering environmental and social contributions. CarrefourSA, one of the group companies, takes actions in line with this aim and creates a sustainability roadmap. One of the most important points of this map is water. The "Water Policy", created as a sub-component of CarrefourSA's "Sustainability Policy", undertakes to manage water use in the company's long-term strategies, determination of target and action plans, and processes arising from its activities. CarrefourSA aims to reduce, optimize and increase water efficiency in its direct operations, cooperate with stakeholders to reduce water consumption in the value chain and to use water efficiently, and takes action for this target and goal. As a part of CarrefourSA water management; regularly monitors the water stress of the regions where all business units operate, the amount of water in the basins, and the water quality parameters, with the reports of the WRI Aqueduct Tool and the Ministry of Agriculture and Forestry as part of the risk assessment process. Sub-committees have been formed to support the implementation of these targets set in the Sustainability Committee. The names of the subcommittees related to water are: Climate Change, Water Management, Waste Management, Green Finance, Risk Management. The Committee reports to the CSA Board of Directors on all its activities. Sabancı Group Sustainability Leadership Committee, chaired by the Human Resources and Sustainability Group

	Levels for targets and/or goals	Monitoring at corporate level	Approach to setting and monitoring targets and/or goals
			President, who is on the Board of Directors, ensures that Sabancı Holding and Group companies are on the same page in terms of sustainability goals and actions. In addition, a pool of experts was created from the focus areas of the Sustainability Roadmap. Its purpose is to provide the technical basis for the Committee's decisions on critical issues and to guide the Committee on global trends. Sabancı Holding Sustainability Directorate is responsible for the coordination of the works.

W8.1a

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

Target reference number
Target 1

Category of target
Water consumption

Level
Company-wide

Primary motivation
Reduced environmental impact

Description of target
CarrefourSA's long-term strategies, determined within the framework of its water management and environmental impact reduction policy, are to optimize water use and reduce environmental impact through water efficiency projects company-wide. Accordingly, a 5% reduction target has been set for water consumption until 2023.

Quantitative metric
% reduction in total water consumption

Baseline year
2020

Start year
2021

Target year
2023

% of target achieved
100

Please explain
In addition to the stores it closed in 2021, CarrefourSA provided water awareness trainings to its employees. Therefore, it has already reached its target of a 5% reduction in wa-

ter consumption by reducing its consumption from 2,519 megaliters in 2020 to 2,372 megaliters in 2021.

W8.1b

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

Goal
Engagement with suppliers to help them improve water stewardship

Level
Business activity

Motivation
Reduced environmental impact

Description of goal
i) Why this goal is important to the company: In an operational context, CarrefourSA works with many suppliers, all of which affect the environment and contribute to the impacts of climate change. Engaging with them and raising awareness among them is crucial to achieving the company's climate and water goals.

ii) How the company is implementing the goal across their chosen level: CarrefourSA raises many questions related to water management during supplier audits. In cases where non-compliance is detected, improvement suggestions and, if necessary, trainings are given to the supplier in order to take action. Getting responses from suppliers is just as important as reaching out because interaction (both sides involvement) is the best way to respond to the climate crisis. That's why CarrefourSA is currently targeting the participation of all its suppliers within the scope of Sabancı Holding's Responsible Investment Policy, although it can mostly apply this practice to its own branded products.

Baseline year
2020

Start year
2021

End year
2030

Progress
i) A description of the indicators that are used to assess progress: The measure of the success of the participation in this goal at CarrefourSA is the rate of interaction and whether the necessary information is collected from the suppliers.

ii) The threshold of success and how they have progressed against it: For the first measure, if the engagement rate (if the supplier responded to the contract) is above 90% (threshold), it is called a successful contract. For the second measure, if the rate of collection of the necessary information from suppliers is above 50% (threshold), it is called

successful participation. Currently, the most participation is provided by the suppliers of private label products. As awareness increases in the value chain with supplier training campaigns and these participations, it is expected that the rate of necessary information collected from suppliers will increase and they will make improvements in water management.

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

For CDP_Carrefoursa Assurance Opinion_2021_260722.pdf

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	Amount of water dis-charge	ISAE 3000	CarrefourSA is one of the subsidiaries of Sabancı Holding. The selected environmental, social, and economic performance indicators that serve the long-term goals of Sabancı Group, have been verified in accordance with the International Standard on Assurance Engagements - "Assurance Engagements Other than Audits or Reviews of Historical Financial Information" ("ISAE 3000" Revised). Although CarrefourSA calculates water consumption, water discharge, and total withdrawal amounts, only the amount of water discharge was verified in 2021, since the water consumption calculation methodology is different from the strategy of Sabancı Group and all groups affiliated with the holding have been verified in the same methodology for comparability.

W10. Sign off

W-FI

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

You may find additional information regarding our sustainability approach on our web site at https://www.carrefoursa.com/kurumsal/surdurulebilirlik/politikalarimiz/.

Attached, there is a verification report of water data disclosed in the questionnaire. The water withdrawal amount in the report is the amount that withdrawn from municipalities. When reporting to CDP, the withdrawals are calculated as the sum of municipality withdrawals and dispenser size bottled water consumed.
For CDP_Carrefoursa Assurance Opinion_2021_260722.pdf

W10.1

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

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

W10.2

(W10.2) Please indicate whether your organization agrees for CDP to transfer your publicly disclosed data on your impact and risk response strategies to the CEO Water Mandate's Water Action Hub [applies only to W2.1a (response to impacts), W4.2 and W4.2a (response to risks)].

Yes

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 confirm below

I have read and accept the applicable Terms

Still need help? Contact us.