

W0. Introduction

W0.1

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

Maintaining its steady growth since its establishment in 1997, Vestel Beyaz Eşya today is a player, which leads the market with its long-term strategies and vision and as one of the largest manufacturers of home appliances in both Turkey and Europe. Vestel Beyaz Eşya carries out its production activities by employing the state-of-the-art technology in its 7 plants at Vestel City, which is one of the largest industrial complexes in Europe established in a single location, covering an area of 1.3 million m2 in Manisa. Vestel Beyaz Eşya manufactures refrigerators, washing machines, tumble dryers, cooking appliances, dishwashers, air-conditioners and water heaters in an enclosed area of 410,000 m2 at Vestel City. In 2022, Vestel Beyaz Eşya's annual production capacity increased from 13.6 million units to 15.6 million units with additional capacity investments in the refrigerator, cooking appliances, dishwasher and washing machine factories.

Vestel Beyaz Eşya is among the leading original design manufacturers (ODM) in Europe, one of the five largest manufacturers in the household appliances market in Europe and one of the top three players of the sector in Turkey thanks to the products we develop by closely following the trends in technology. Vestel Beyaz Eşya accounts for one third of Turkey's household appliances exports. While sales in European countries are mainly conducted on an ODM basis; the Company also carries out branded sales through the global brands licensed by and the regional brands owned by Vestel Group.

Logistics-distribution competence, extensive dealer network and service organization backed by an advanced technological infrastructure of Vestel Ticaret AŞ which carries out the Company's sales and marketing operations reinforce Vestel Beyaz Eşya's strong brand image in the domestic market. Aftersales services for Vestel Beyaz Eşya's products are performed by the authorized service providers throughout the country and the central services and call center under the Vestel Customer.

Vestel Beyaz Eşya's vision is to be a technology company creating social and environmental benefits through accessible and smart products that make life easier. With this vision, Vestel Beyaz Eşya's strategy has three pillars:

*Technology and Human-Oriented Transformation

*A Net Zero Company

*Accessible and Smart Solutions That Make Life Easier

Through its strong R&D organization and competence in the development of technology, Vestel Beyaz Eşya offers a continuously expanding environmentally friendly product range, which appeals to a wide consumer base on a global scale. The Company aims to offer accessible, easy, smart and energy-efficient products to consumers by creating environmental and social benefits through its products. Vestel Beyaz Eşya focuses on high energy and water efficiency in the products it offers to the consumers, and it constantly improves its goals in this area. The Company strives to develop products with reduced environmental impact and high savings through R&D and innovation studies, and it devotes a significant part of the R&D budget to developing smart products that create benefits.

Vestel Beyaz Eşya's performance in ESG issues is monitored through sustainability indices. The Company been listed in the Borsa Istanbul Sustainability Index since 2016. With an Environmental, Social and Governance (ESG) score of 77 from the Refinitiv rating agency, Vestel Beyaz Eşya ranks 7th among 94 companies in its sector on a global basis. Vestel Beyaz Eşya started to respond to EcoVadis sustainability assessment as of 2021 and HIGG sustainability assessment as of 2022.

In 2021, Vestel Beyaz Eşya became a signatory to the United Nations Global Compact (UNGC), the world's largest corporate sustainability initiative Vestel Beyaz Eşya aims to achieve net zero emissions by 2050, first in its own operations and then in its entire value chain. The Company announced its commitment to set Science Based Target (under SBTi), a major step in achieving net zero emissions.

W0.2

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

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

W0.3

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

W0.4

(W0.4) Select the currency used for all financial information disclosed throughout your response. 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	e whether you are able to provide a unique identifier for your organization.	Provide your unique identifier
Yes, an	ISIN code	TREVEST00017

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		Please explain
Sufficient amounts of good quality freshwater available for use	Important	Neutral	Vestel Beyaz Eşya is located in Manisa Industrial Zone. Water is not a direct raw material in our products; however sufficient amounts of good quality water is important because we use water in some production processes such as product performance test (washing machine, dishwasher), generation of de-ionized water (reverse-osmosis process) and paint shops. We also use water for personal hygiene purposes, garden irrigation and fire hydrants. However high quality is not necessary for these processes. We manufacture washing machines and dishwashers; therefore our customers need freshwater to use our products. However indirect use of water is neutral because water use in our value chain is not a major material issue. We do not anticipate any changes on direct and indirect use importance rating for the future.
Sufficient amounts of recycled, brackish and/or produced water available for use	Important	Neutral	Aware of the pressure on water resources, Vestel Beyaz Eşya aims to implement water recovery models and focuses on minimizing water consumption, which is considered one of the biggest risks in production processes. To this end, the Company strives to develop and expand water efficient projects and to recycle water. The use of recycled water to reduce water consumption is an important factor of water management. We ensure that water is used efficiently in the dyeing process. Moreover, we also re-use (recycle) water in cooling towers in utilities and paint shops. We are trying to produce products that use less water and use few cycles. Vestel Beyaz Eşya continues to work on water recycling projects as part of its sustainability efforts.

W1.2

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

	% of sites/facilities/operations	Frequency of measurement	Method of measurement	Please explain
Water withdrawals – total volumes	100%	Monthly	Water counters	Water is monitored regularly by water counters in each plant. Also Manisa Industrial Zone bills us on water withdrawal each month which shows the total volumes.
Water withdrawals – volumes by source	100%	Monthly	Water counters	Vestel Beyaz Eşya has two water sources: municipal water and groundwater (well). Vestel has counters for both sources. Also Manisa Industrial Zone bills us on water sources separetely to show volumes by source.
Entrained water associated with your metals & mining and/or coal sector activities - total volumes [only metals and mining and coal sectors]	<not applicable=""></not>	<not Applicable></not 	<not Applicable></not 	<not applicable=""></not>
Produced water associated with your oil & gas sector activities - total volumes [only oil and gas sector]	<not applicable=""></not>	<not Applicable></not 	<not Applicable></not 	<not applicable=""></not>
Water withdrawals quality	100%	Other, please specify (twice a month)	Analysis	Water quality for both supplied municipal water and groundwater are analyzed by Manisa Organized Industrial Zone (MOIZ). Groundwater is pre-filtered before it enters our stock pool. Afterwards, the water passes through a second filter system, sand filter and chlorination.
				The municipal water coming from MOIZ is only filtered at the entrance. All water treatment and measurement follow-ups of the plants are carried out by the Utilities Department. They monitor the quality and usage measurements of process and domestic water daily by checking the pH, conductivity and hardness values of the water at the beginning of each shift. Also, our water treatment chemical consultancy company monitors both our process water and domestic water twice a month, with general water analysis (all alkaline and chemical values). Hence, our water is monitored both daily and twice a month.
Water discharges – total volumes	100%	Monthly	Bills	Vestel Beyaz Eşya discharges its water to Manisa Organized Industrial Zone's water treatment facility. Vestel Beyaz Eşya doesn't have a water treatment plant of its own. Manisa Organized Industrial Zone bills Vestel for the total amount of discharged water on a monthly basis.
Water discharges – volumes by destination	100%	Monthly	Bills	Vestel Beyaz Eşya discharges its water to Manisa Organized Industrial Zone's water treatment facility. Manisa Organized Industrial Zone uses activated sludge process to treat waste water, then discharges it to Karacay Creek, which is connected to Gediz River. Therefore, Vestel can track the volumes by destination.
Water discharges – volumes by treatment method	100%	Monthly	Analysis report	Vestel Beyaz Eşya discharges its water to Manisa Organized Industrial Zone's water treatment facility. Manisa Organized Industrial Zone uses activated sludge process method to treat waste water, then discharges it to Karacay Creek, which is connected to Gediz River.
Water discharge quality – by standard effluent parameters	100%	Monthly	Effluent parameters report	Manisa Organized Industrial Zone analyzes the waste water and sends us the effluent parameters on a monthly basis. These parameters are: suspended solids, grease, chemical oxygen demand, pH, chrome, nickel, copper, lead, zinc.
Water discharge quality – emissions to water (nitrates, phosphates, pesticides, and/or other priority substances)	100%	Monthly	Manisa Organized Industrial Zone's water report	Manisa Organized Industrial Zone analyzes the waste water and sends us the effluent parameters on a monthly basis. These parameters are: suspended solids, grease, chemical oxygen demand, pH, chrome, nickel, copper, lead, zinc.
Water discharge quality – temperature	100%	Monthly	Manisa Organized Industrial Zone's water report	Manisa Organized Industrial Zone measures the temperature of waste water when getting samples every month from Vestel Beyaz Eşya's discharge points. This information is shared with Vestel Beyaz Eşya.
Water consumption – total volume	100%	Monthly	Bills and water counters	100% of water consumption data is measured and monitored on a monthly basis. Water consumption data is calculated as; Total Net Water Consumption = Total Water Withdrawal - Water Discharged. Water withdrawal and water discharge data is taken from the monthly bills and counters as explained above.
Water recycled/reused	1-25	Continuously	Internal reports	Vestel Beyaz Eşya monitors recycled water by water counters in some of its processes. Vestel Beyaz Eşya continues to work on water recycling projects as part of its sustainability efforts. Rainwater collection projects were implemented and 1,263 m3 of rainwater was collected in 2022. Work is being carried out to further promote the project. With the wastewater recovery project implemented in the reverse osmosis pure water production device, 22,346 m3 of water was saved. The cooling tower wastewater recovery project saved 1,564 m3 of water. The chiller wastewater recovery and the paintshop wastewater recovery projects are ongoing.
The provision of fully- functioning, safely managed WASH services to all workers	100%	Other, please specify (twice a month)	Analysis	Vestel Beyaz Eşya provides safe and sanitary work environment to all its employees. We use drinking water from two sources: Fitered municipal water supplied by Manisa Organized Industrial Zone and water purchased in dispenser size bottles. The Zone send us the detailed analysis report they have conducted in Manisa Public Health Laboratory twice a month. Dispenser size bottled drinking water analysis is done every three months. Both sources are sent to Public Health Directorate. The Directorate measures santiation and hygine parameters to make sure that water is safely managed.

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

	Volume (megaliters/year)	with previous	Primary reason for comparison with previous reporting year	Five- year forecast	Primary reason for forecast	Please explain
Total withdrawals	953.33	Higher	Increase/decrease in business activity	Lower	Investment in water-smart technology/process	In 2022, Vestel Beyaz Eşya's annual production capacity increased from 13.6 million units to 15.6 million units with additional capacity investments in the refrigerator, cooking appliances, dishwasher and washing machine factories. Due to the decrease in the effect of the pandemic in 2022, there has been a decrease in the number of days worked from home which also resulted in an increase in water usage.
Total discharges	858	Higher	Increase/decrease in business activity	Lower	Investment in water-smart technology/process	In 2022, Vestel Beyaz Eşya's annual production capacity increased from 13.6 million units to 15.6 million units with additional capacity investments in the refrigerator, cooking appliances, dishwasher and washing machine factories. Due to the decrease in the effect of the pandemic in 2022, there has been a decrease in the number of days worked from home which also resulted in an increase in water usage.
Total consumption	95.33	Higher	Increase/decrease in business activity	Lower	Investment in water-smart technology/process	In 2022, Vestel Beyaz Eşya's annual production capacity increased from 13.6 million units to 15.6 million units with additional capacity investments in the refrigerator, cooking appliances, dishwasher and washing machine factories. We conduct water efficiency projects. While there is an increase in the production capacity, there is not a corresponding increase in the water usage thanks to the water efficiency projects. Due to the decrease in the effect of the pandemic in 2022, there has been a decrease in the number of days worked from home which also resulted in an increase in water usage.

W1.2d

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

	areas with water stress	withdrawn from areas with	with previous	for comparison		forecast	Identification tool	Please explain
Row 1	Yes		About the same	Other, please specify (Our all facilities are located in Manisa Organized Industrial Zone.)	the same	(We do not anticipate	WWF Water	All of Vestel Beyaz Eşya plants are located in: Manisa Organized Industrial Zone, Manisa, Turkey Major Basin: Mediterranean Sea, East Coast Minor Basin: Gediz River WRI Aqueduct Overall Water Risk: High (3-4) We withdraw 100% of our water from this area which is indicated as a water stress area. Being aware of this fact, we put emphasis on our water efficiency projects and decreased the total amount of water withdrawal compared to the previous year.

W1.2h

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

	Relevance	Volume (megaliters/year)	Comparison with previous reporting year	Primary reason for comparison with previous reporting year	Please explain
Fresh surface water, including rainwater, water from wetlands, rivers, and lakes	Relevant	1.26	Higher	Investment in water- smart technology/process	Vestel Beyaz Eşya continues to work on water recycling projects as part of its sustainability efforts. Rainwater collection projects were implemented and 1,263 m3 of rainwater was collected in 2022.
Brackish surface water/Seawater	Not relevant	<not applicable=""></not>	<not Applicable></not 	<not applicable=""></not>	
Groundwater – renewable	Not relevant	<not applicable=""></not>	<not Applicable></not 	<not applicable=""></not>	
Groundwater - non-renewable	Relevant	560.27	Lower	Investment in water- smart technology/process	The water sources have been switched. While we withdrew more municipal water; we decreased our groundwater withdrawal.
Produced/Entrained water	Not relevant	<not applicable=""></not>	<not Applicable></not 	<not applicable=""></not>	
Third party sources	Relevant	391.79	Higher	Facility expansion	With the wastewater recovery project implemented in the reverse osmosis pure water production device, 22,346 m3 of water was saved. The cooling tower wastewater recovery project saved 1,564 m3 of water. The chiller wastewater recovery and the paintshop wastewater recovery projects are ongoing.

W1.2i

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

	Relevance		Comparison with previous reporting year	Primary reason for comparison with previous reporting year	Please explain
Fresh surface water	Not relevant	<not applicable=""></not>	<not Applicable></not 	<not applicable=""></not>	
Brackish surface water/seawater	Not relevant	<not applicable=""></not>	<not Applicable></not 	<not applicable=""></not>	
Groundwater	Not relevant	<not applicable=""></not>	<not Applicable></not 	<not applicable=""></not>	
Third-party destinations	Relevant	858	Higher	Facility expansion	Vestel Beyaz Eşya discharges its water to Manisa Organized Industrial Zone's waste water treatment facility. Vestel Beyaz Eşya does not have a waste water treatment plant of its own. Waste water discharge is connected directly to water withdrawal quantity. The water withdrawal has increased hence the discharged water has increased, as well.

W1.2j

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

	Relevance of treatment level to discharge	Volume (megaliters/year)	Comparison of treated volume with previous reporting year	Primary reason for comparison with previous reporting year	% of your sites/facilities/operations this volume applies to	Please explain
Tertiary treatment	Not relevant	<not applicable=""></not>	<not applicable=""></not>	<not applicable=""></not>	<not applicable=""></not>	
Secondary treatment	Not relevant	<not applicable=""></not>	<not applicable=""></not>	<not applicable=""></not>	<not applicable=""></not>	
Primary treatment only	Not relevant	<not applicable=""></not>	<not applicable=""></not>	<not applicable=""></not>	<not applicable=""></not>	
Discharge to the natural environment without treatment	Not relevant	<not applicable=""></not>	<not applicable=""></not>	<not applicable=""></not>	<not applicable=""></not>	
Discharge to a third party without treatment	Relevant	858	Higher	Facility expansion	1-10	Vestel Beyaz Eşya discharges its waste water to Manisa Organized Industrial Zone's waste water treatment facility. Manisa Organized Industrial Zone uses activated sludge process method to treat waste water, then discharges it to Karacay Creek, which is connected to Gediz River. Waste water discharge is connected directly to water withdrawal quantity. The water withdrawal has increased hence the discharged water has increased, as well.
Other	Not relevant	<not applicable=""></not>	<not applicable=""></not>	<not applicable=""></not>	<not applicable=""></not>	

W1.2k

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

	water in the	Category(ies) of substances included	List the specific substances included	Please explain
Row	0	Priority substances	Major wastewater parameters monitored are:	Vestel Elektronik discharges 100% of its wastewater to the wastewater treatment facility of Manisa Organized
1		listed under the EU	chemical oxygen demand, suspended solids, oil and	Industrial Zone. Every month, Industrial Zone representatives come to take samples from the discharge points
		Water Framework	grease, pH, total chromium, total nickel, total copper,	of the plants. So, water discharge quality by standard effluent parameters are measured and monitored on a
		Directive	total lead, total zinc.	monthly basis.

W1.3

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

	Revenue	Total water withdrawal volume	Total water withdrawal	Anticipated forward trend
		(megaliters)	efficiency	
Row 1	3138696 9000	953.33	32923509.173109	We anticipate a increase in our total water withdrawal efficiency because our revenue is expected to increase and we are conducting more water efficiency projects going forward. -With cooling towers recovery project 30,000 tons of water will be saved annually. -Our rainwater collection amount increasing. Total annual savings targeted for 2023: 25,000 tons/year. -By establishing a water monitoring system, the use of waste water and leaks will be eliminated

W1.4

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

	Products	Comment
	contain	
	hazardous	
	substances	
Row 1		The Company regularly reviews the Restricted Materials List it publishes and demands full compliance from suppliers. Suppliers are required to have a test report showing compliance with the European Union's Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) Directive, compliance with the Regulation on Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), battery test reports from accredited organizations, and declarations and test reports stating that they do not use harmful chemicals on the Substances of Very High Concern List. Suppliers are informed about the Regulation No. 30105 on Registration, Evaluation, Authorization and Restriction of Chemicals (KKDIK) prepared by the Ministry of Environment and Urbanization of the Republic of Türkiye within the scope of harmonization with the European Union REACH Regulation, and those covered by the Regulation are required to complete the registration process.

W1.5

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

	Engagement	Primary reason for no engagement	Please explain
Suppliers	Yes	<not applicable=""></not>	<not applicable=""></not>
Other value chain partners (e.g., customers)	Yes	<not applicable=""></not>	<not applicable=""></not>

W1.5a

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

Row 1

Assessment of supplier impact

Yes, we assess the impact of our suppliers

Considered in assessment

Supplier impacts on water availability Supplier impacts on water quality

Number of suppliers identified as having a substantive impact 106

% of total suppliers identified as having a substantive impact

100%

Please explain

Vestel Supplier Monitoring and Development Program was launched to enable suppliers to effectively participate in sustainability processes, understand and improve their current levels. Within the scope of this program, which was designed in line with Vestel's and its suppliers' vision of achieving their sustainability and water stewardship goals which aims to inform, evaluate and develop suppliers on sustainability, suppliers are expected to share their data on environmental social and governance issues with Vestel through specified platforms and software and to participate in the evaluation studies to be carried out by independent evaluation institutions.

Vestel Supplier Monitoring and Development Program consists of four stages:

1. Training

2. Sustainability self-assessment questionnaire

3. Input and validation of environmental and social data

4. Audit

W1.5b

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

	Suppliers have to meet specific water-related requirements	Comment
Row 1	Yes, water-related requirements are included in our supplier contracts	<not applicable=""></not>

W1.5c

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

Water-related requirement

Engaging with their suppliers on water security actions

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

1-25

% of suppliers with a substantive impact in compliance with this water-related requirement 1-25

Mechanisms for monitoring compliance with this water-related requirement

Off-site third-party audit

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

Retain and engage

Comment

ESG audits within the Vestel Supplier Monitoring and Development Program started in Q4 of 2022. After the ESG audit, "ESG audit score" will be calculated for each supplier in line with the findings determined in the audit. The calculation will be made out of 100 points, and companies that score 75 and above and have no critical non-compliance will be deemed successful in the audit.

Sustainability trainings will take place in H2 of 2023.

Water-related requirement

Setting and monitoring water withdrawal reduction targets

% of suppliers with a substantive impact required to comply with this water-related requirement 1-25

% of suppliers with a substantive impact in compliance with this water-related requirement 1-25

Mechanisms for monitoring compliance with this water-related requirement Off-site third-party audit

Response to supplier non-compliance with this water-related requirement Retain and engage

Comment

ESG audits within the Vestel Supplier Monitoring and Development Program started in Q4 of 2022. After the ESG audit, "ESG audit score" will be calculated for each supplier in line with the findings determined in the audit. The calculation will be made out of 100 points, and companies that score 75 and above and have no critical non-compliance will be deemed successful in the audit.

Sustainability trainings will take place in H2 of 2023.

Water-related requirement

Setting and monitoring water pollution-related targets

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

1-25

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

1-25

Mechanisms for monitoring compliance with this water-related requirement Off-site third-party audit

Response to supplier non-compliance with this water-related requirement Retain and engage

Comment

ESG audits within the Vestel Supplier Monitoring and Development Program started in Q4 of 2022. After the ESG audit, "ESG audit score" will be calculated for each supplier in line with the findings determined in the audit. The calculation will be made out of 100 points, and companies that score 75 and above and have no critical non-compliance will be deemed successful in the audit.

Sustainability trainings will take place in H2 of 2023.

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

Type of engagement Other

Details of engagement

Other, please specify (Onboarding & Compliance)

% of suppliers by number

76-99

% of suppliers with a substantive impact

76-99

Rationale for your engagement

According to our Supplier Code of Conduct, below clauses must be agreed and signed to become our supplier (100% coverage) -All relevant laws, regulations and legislation regarding the environment (including all laws on air emissions, wastes, wastewater and chemicals) should be abided by. -Efforts should be made to reduce carbon emissions and the consumption of natural resources and to increase the amount of recycled waste.

Impact of the engagement and measures of success

Supplier Code of Conduct is a part of our purchasing contracts; therefore the measure of success is the % of suppliers who signed our supplier code of conduct. We aim to keep this number at 100%.

Comment

Vestel Beyaz Eşya is a part of Zorlu Holding. Zorlu Holding has a sustainability strategy that is called Smart Life 2030. In line with our Smart Life 2030 sustainability strategy, we develop human-oriented ecosystems and innovative business models, and engage in value-creating partnerships to pioneer sustainability-oriented products, services and solutions in Türkiye and around the world. One of the our targets is "Achieving 100% sustainable supply chain by 2030 including strategic suppliers".

W1.5e

(W1.5e) Provide details of any water-related engagement activity with customers or other value chain partners.

Type of stakeholder Customers

Type of engagement Education / information sharing

Details of engagement

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

Rationale for your engagement

We work with major home appliances brands as their ODM partner. We share information with our B2B customers regarding our water stewardship performance and strategy on a yearly basis. We also share information with our all of our customers through our integrated report:

http://vesbe.vestelinvestorrelations.com/en/_assets/pdf/Vestel-Beyaz-Esya-Integrated-Annual-Report-2022.pdf (Pages 32, 61, 113, 114, 185)

Impact of the engagement and measures of success

Measures of success: Customer engagement & satisfaction

Type of stakeholder Customers

Type of engagement Innovation & collaboration

Details of engagement

Collaborate with stakeholders on innovations to reduce water impacts in products and services

Rationale for your engagement

Vestel Beyaz Eşya rapidly identifies the needs of changing consumer habits and responds to them with its technological infrastructure. Aiming to create environmental and social benefits through its products and to offer consumers accessible, easy, smart and cost-efficient products, Vestel Beyaz Eşya focuses on high energy and water efficiency in its products and continuously advances its targets in this area. Increasing the number of products with reduced environmental impact and high efficiency through its R&D and innovation efforts, Vestel Beyaz Eşya allocates a significant portion of its R&D budget to developing smart products creating benefits. Some of water efficient products of Vestel Beyaz Eşya are listed below;

*A washing machine product family that is even more efficient than energy class A,

- · Twinjet washing machine with the "lowest known water consumption",
- · Washing machine product family with microfiber filter technology,
- * "Cold Hygiene Program" that saves energy by ensuring hygiene even at low

temperatures in washing machines.

*Water recovery system used with tumble dryers and washing machines to save water,

· Products using bio-based raw materials instead of plastic.

These technological and environmental improvements in products are made by considering customer demands and expectations. In order to achieve this, customer feedback on products is collected on platforms such as fairs.

Impact of the engagement and measures of success

Measures of success: Customer engagement & satisfaction. Revenue increase related to water efficient products.

W2.1

(W2.1) Has your organization experienced any detrimental water-related impacts? No

W2.2

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

	Water-related regulatory violations	Fines, enforcement orders, and/or other penalties	Comment
Row 1	No	<not applicable=""></not>	

W3. Procedures

W3.1

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

	Identification and classification of potential water pollutants		Please explain
1	potential water	Domestic and industrial wastewater are generated in the facility. This wastewater is discharged into the sewage network of Manisa Organized Industrial Zone. The facility holds a Connection Permit Certificate and Connection Quality Control Permit Certificate issued by Manisa OIZ in accordance with the Regulation on Water Pollution Control. Pollution loads of wastewater are measured by MOIZ by taking samples every 15 days. Measurement values were found to be below the limit values specified in the Regulation on Water Pollution Control.	Applica
		http://vesbe.vestelinvestorrelations.com/en/_assets/pdf/Vestel-Beyaz-Esya-Integrated-Annual-Report-2022.pdf Page:179	

W3.1a

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

Water pollutant category

Other nutrients and oxygen demanding pollutants

Description of water pollutant and potential impacts

Chemical Oxygen Demand (COD), Suspended Solid Matter (TSS), Oil & Grease, Zinc (Zn) , Copper (Cu), Nickel (Ni), Lead (Pb), Total Chrome (T.Cr)

Value chain stage

Direct operations

Actions and procedures to minimize adverse impacts

Assessment of critical infrastructure and storage condition (leakages, spillages, pipe erosion etc.) and their resilience Resource recovery Discharge treatment using sector-specific processes to ensure compliance with regulatory requirements

Upgrading of process equipment/methods

Please explain

Domestic and industrial wastewater are generated in the facility. This wastewater is discharged into the sewage network of Manisa Organized Industrial Zone. The facility holds a Connection Permit Certificate and Connection Quality Control Permit Certificate issued by Manisa OIZ in accordance with the Regulation on Water Pollution Control. Pollution loads of wastewater are measured by MOIZ by taking samples every 15 days. Measurement values were found to be below the limit values specified in the Regulation on Water Pollution Control.

Vestel Beyaz Eşya has developed a washing machine product with a microfiber filter to prevent tiny synthetic fiber particles that are released from the laundry during washing from entering the environment at the end of the washing process. During the washing process, the water in the machine passes through the filter located at the door of the machine and the fiber particles in the water, which cannot be dissolved in nature, are retained by this filter. Leading the change needed to build a more sustainable world with the products developed with its R&D and innovation competencies, Vestel Beyaz Eşya's new microfiber filter washing machine received the "Sustainable Innovation" Award in the product category at the Sustainable Business Awards. The Sustainable Business Awards are organized by the Sustainability Academy to highlight projects that create significant impacts on social, economic and environmental issues and protect our common future.

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

Yes, water-related risks are assessed

W3.3a

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

Value chain stage Direct operations

Coverage

Full

Risk assessment procedure

Water risks are assessed in an environmental risk assessment

Frequency of assessment

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 International methodologies and standards Databases

Tools and methods used

EcoVadis SEDEX WRI Aqueduct WWF Water Risk Filter Enterprise Risk Management Environmental Impact Assessment IPCC Climate Change Projections ISO 14001 Environmental Management Standard ISO 14046 Environmental Management - Water Footprint

Contextual issues considered

Water availability at a basin/catchment level Implications of water on your key commodities/raw materials Water regulatory frameworks Access to fully-functioning, safely managed WASH services for all employees

Stakeholders considered

Customers Employees Investors Regulators Suppliers Water utilities at a local level

Comment

Vestel assesses three topics related to water risk.

- Lack of water supply
- · Process water quality
- · Drinking water quality

In addition to increasing the use of rainwater, Vestel also carries out projects to utilize recycled water. Vestel is working to purchase recycled water from the advanced water treatment plant in the Manisa Organized Industrial Zone and conducts periodic water quality analyses at the units its auxiliary facilities as part of its water quality efforts.

• Periodic drinking water analyses are carried out at Vestel by the Manisa Provincial Directorate of Health, and filtration and UV disinfection services are also provided at the facilities.

· Within the scope of its water risk management, Vestel carries out analyses by monitoring the WRI Aqueduct Water Risk Atlas.

W3.3b

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

	Rationale for approach to risk assessment	Explanation of contextual issues considered	Explanation of stakeholders considered	Decision-making process for risk response
Row 1	Vestel Beyaz Eşya uses various tools for risk assessment as selected in the question above. These risks are identified using ISO 14001 EMS risk & opportunities analysis. When identifying risks and opportunities related to water, we first consider the operations, needs and expectations of all stakeholders. When assessing risks, we use our risk matrix, which consists of impact severity and probability of occurrence (risk = probability x impact). We use a 5 x 5 risk matrix: 1 indicates the lowest, 5 indicates the highest risk or opportunity. Once we assess the risks according to their scores; the risk response mechanism takes place. We create action plans according to the scores of related risks and opportunities. Measures against water-related risks are developed and/or the continuation of the existing measures taken is ensured. In order to reduce risks; technology, infrastructure, process flow changes can be realized (such as insurance, partnerships). Activities that cause increased water-related risks are abandoned. Once the actions are taken to reduce water-related risks, we assess the risks again and make sure that the risk level is acceptable. We conduct the similar	Water Position Water Scarcity Water Scarcity Water Environmental Impacts Water regulatory compliance Water quality The amount of water withdrawal and		In the context of managing risks centrally, Vestel has adopted the Zorlu Holding Risk Policy and Procedure and the Corporate Risk Management Framework, which are prepared within Zorlu Holding and applicable to all related companies. Vestel is a publicly listed company whose shares are traded on Borsa Istanbul. Vestel's risk management framework is in full compliance with the Turkish Commercial Code and Capital Markets Board (CMB) regulations. Recognizing that the climate crisis is the most important short, medium and longterm risk threatening humanity and its future, Vestel addresses the actual and potential risks posed by the climate crisis on human life and the business world, and the implications of these risks on its business cycle within the framework of the Task Force on Climate-related Financial Disclosures (TCFD). In this context, climate risks are addressed as transition and physical risks. https://www.fsb-tcfd.org/recommendations/ Other detailed information on Vestel's risk management processes and financial risks is presented in the Corporate Governance / Risks and Evaluation of the Board of Directors section on page 142. http://vesbe.vestelinvestorrelations.com/en/_assets/pdf/Vestel-Beyaz-Esya-Integrated- Annual-Report-2022.pdf

W4. Risks and opportunities

W4.1

(W4.1) Have you identified any inherent water-related risks with the potential to have a substantive financial or strategic impact on your business? Yes, only within our direct operations

W4.1a

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

We use a 5 x 5 risk matrix to assess the risks and opportunities. 1 indicates the lowest, 5 indicates the highest risks or opportunities. Once we assess the risks and opportunities according to their scores; the risk response mechanism takes place. We create action plans according to the scores of related risks and opportunities.

We define substantive financial or strategic impact as having a "very high" risk score of 20-25. The definitions are as below:

- Regarding Quality; Loss of customer / product return,
- · Regarding Prestige/Company Reputation; Loss of international prestige, loss of trust in the brand in society, official institutions and the sector,
- Regarding Business Continuity; Having an unplanned stop for more than 1 month,
- Regarding Material Loss (Equipment Damage, Penalty, Poor Quality Cost, etc.); More than 1 million USD loss,
- Regarding Occupational Safety / Employee Health / Emergencies; Death as a result of accident or natural disaster, occupational illness / diagnosis,
- Regarding Employee Engagement / Satisfaction; General work stoppage due to dissatisfaction,
- · Regarding Compliance Requirements; Closure of the company or production facility
- · Regarding Environment; Regional severe impact to environment

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?

		% company-wide facilities this represents	Comment
Row 1	7		According to WWF Water Risk Filter & WRI Water Aqueduct, Vestel Beyaz Eşya operates in a water stress area (Manisa Organized Industrial Zone). WWF Water Risk Filter overall risk: 3.3; WRI: High (3-4) Vestel Beyaz Eşya has 7 facilities which are located in the same area.

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 (Gediz)

Number of facilities exposed to water risk 7

% company-wide facilities this represents 100%

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

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

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

% company's total global revenue that could be affected 100%

Comment

Vestel Beyaz Eşya has a total of 7 plants. All of these 7 plants are located in Vestel City (Vestel Organized Industrial Zone). According to WWF Water Risk Filter & WRI Water Aqueduct, Manisa Organized Industrial Zone is in water stress area: WWF Water Risk Filter overall risk: 3.3; WRI: High (3-4). Therefore, all 7 plants of Vestel Beyaz Eşya is subject to water risks.

(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 River)

Type of risk & Primary risk driver

Chronic physical	Water stress

Primary potential impact

Reduced revenues from lower sales/output

Company-specific description

Vestel is located in a water stress area: WWF Water Risk Filter overall risk: 3.3; WRI: High (3-4).

Therefore, Vestel assesses three topics related to water risk.

Lack of water supply
 Process water quality

Drinking water quality

Timeframe

More than 6 years

Magnitude of potential impact Medium

Likelihood

Likely

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

Potential financial impact figure (currency) 85991695

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

Potential financial impact figure - maximum (currency)

<Not Applicable>

Explanation of financial impact

Vestel and its suppliers may face problems in accessing quality and sufficient water for their production activities as a result of water stress that may increase due to climate change.

In 2022, Vestel Beyaz Eşya's revenue is 31,386,969,000 TRY. 1-day production interruption causes 85,991,695 TRY decrease in our revenue.

Primary response to risk

Adopt water efficiency, water reuse, recycling and conservation practices

Description of response

In addition to increasing the use of rainwater, Vestel Beyaz Eşya also carries out projects to utilize recycled water and water efficiency projects.

Vestel Beyaz Eşya continues to work on water recycling projects as part of its sustainability efforts. Rainwater collection projects were implemented and 1,263 m3 of rainwater was collected in 2022. Work is being carried out to further promote the project. With the wastewater recovery project implemented in the reverse osmosis pure water production device, 22,346 m3 of water was saved. The cooling tower wastewater recovery project saved 1,564 m3 of water. The chiller wastewater recovery and the paintshop wastewater recovery projects are ongoing. Vestel Beyaz Eşya has its water footprint verified in accordance with the ISO 14046 Water Footprint Standard and reports all processes related to water management to CDP. In water treatment and wastewater recovery project efforts, firstly, water samples are taken from the regions within the scope of the project and the design of the treatment system or recovery system is developed and prepared for use according to the analysis results. Instant online monitoring and measurement of water parameters for treatment and water recovery is provided by system automation. In addition to this system, the system is verified by analyzing a daily sample.

Cost of response 29196000

29196000

Explanation of cost of response

Total of water efficiency, water reuse, recycling and conversation projects of Vestel Beyaz Eşya

W4.2c

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

	Primary reason	Please explain	
Row 1	Evaluation in	In 2022, we have started Vestel Supplier Monitoring and Development Program where we assess water risks in our value chain.	
		ESG audits within the Vestel Supplier Monitoring and Development Program started in Q4 of 2022. After the ESG audit, "ESG audit score" will be calculated for each supplier in line with the findings determined in the audit. The calculation will be made out of 100 points, and companies that score 75 and above and have no critical non-compliance will be deemed successful in the audit.	
		Sustainability trainings will take place in H2 of 2023.	
subjected to audits as part of the Vestel Supplier Monitoring and Development Program. 80% of the audited supplier companies are in the medium risk category of		Following these processes, supplier sustainability scores are determined and reflected on supplier scorecards. In 2022, a total of 10 suppliers completed the necessary training and were subjected to audits as part of the Vestel Supplier Monitoring and Development Program. 80% of the audited supplier companies are in the medium risk category of sustainability level, 10% are in the good category, and 10% are in the acceptable risk level category. All companies have successfully completed the program. The Company aims to carry out the same program with the rest of the suppliers in 2023.	
		In 2022, Vestel Beyaz Eşya did not have any suppliers with which relations were terminated due to any social incompliance. Activities required for improving the scope of ESG audits for all critical suppliers are followed by the Supply Chain Working Group.	

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

Sales of new products/services

Company-specific description & strategy to realize opportunity

We currently manufacture dishwashers and washing machines that break world records in water consumption in their respective categories. We continue our R&D studies and investments on water efficient products as these become more in demand. The most important opportunity for us here is that our new water-efficient products will be more in demand and our sales revenues will increase creating strategic importance on our business.

Estimated timeframe for realization

1 to 3 years

Magnitude of potential financial impact Medium-high

incolum night

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

Potential financial impact figure (currency) 1243858000

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

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

Explanation of financial impact

Sales revenue increase by customer demand in water efficient washing machines and dishwashers.

We expect the income we will generate from our water efficient products to increase the total category income by at least 10% on a yearly basis.

Type of opportunity Efficiency

Primary water-related opportunity

Water recovery from sewage management

Company-specific description & strategy to realize opportunity

Manisa Organized Industrial Zone (MOIZ) has a plan to build an advanced treatment plant which will treat waste water further. This plant will enable MOIZ to recycle water and send it back to companies in the zone. We have a target of using 50% recycled water by 2030. We will be able to accomplish this target by purchasing recycled water from MOIZ. We see this as a great opportunity to reach our targets and increase our resilience as we are based in a water stress area.

Estimated timeframe for realization

4 to 6 years

Magnitude of potential financial impact Low-medium

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

Potential financial impact figure (currency) 4891760

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

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

Explanation of financial impact

50% of water consumption estimation in 2025 is multiplied by estimated recycled water unit cost.

Type of opportunity Efficiency

Primary water-related opportunity Cost savings

Company-specific description & strategy to realize opportunity

Vestel Beyaz Eşya continues to work on water efficiency projects both in buildings and production processes. Some of the water efficiency projects which are planned by Vestel Beyaz Eşya are defined below;

-With cooling towers recovery project 30,000 tons of water will be saved annually.

-Our rainwater collection amount increasing. Total annual savings targeted for 2023: 25,000 tons/year.

-By establishing a water monitoring system, the use of waste water and leaks will be eliminated.

-By waste water recovery project of softening devices, a total of 6,000 tons/year will be saved with 20 tons of water per day.

- By the dyehouse raw water recovery project, an average of 55 tons of water per day will be saved. Total annual savings: 15,400 tons/year

-Refrigerator 2 Dyehouse raw water recovery project is planned to be commissioned as of May. With this project, a total annual saving of 5,000 tons/year is targeted. -With the water recovery system, which started to work as of 2022, the clean water condensed in the tumble dryer will be used for washing in the washing machine, and it is aimed to save 5 liters of water per household per operation and 1,250 liters per year.

In 2022, Vestel Beyaz Eşya realized many water efficiency projects such as;

-Rain water is collected and treated on the roofs of the factory and used as process water.

-Instead of being discharged, the water that comes out as waste from pure water production is used back as process water.

-Instead of being discharged, the water that comes out as waste from drinking water production is used back as process water.

-The number of baths has been reduced by switching to nano technology chemicals in dyehouses. Thus, the use of water and chemicals is also reduced.

Estimated timeframe for realization 1 to 3 years

Magnitude of potential financial impact Medium

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

Potential financial impact figure (currency) 272478

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

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

Explanation of financial impact Total amount of water efficiency projects

W5. Facility-level water accounting

(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) Vestel Beyaz Eşya plants (7 Plants in total)

Country/Area & River basin

Turkey

Other, please specify (Gediz)

Latitude 38.617717

Longitude 27.360392

0

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) 953.33

Comparison of total withdrawals with previous reporting year About the same

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes 1.26

Withdrawals from brackish surface water/seawater

Withdrawals from groundwater - renewable 560.27

Withdrawals from groundwater - non-renewable 0

Withdrawals from produced/entrained water 0

Withdrawals from third party sources 391.79

Total water discharges at this facility (megaliters/year) 858

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

858

Total water consumption at this facility (megaliters/year) 95.33

Comparison of total consumption with previous reporting year About the same

Please explain

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

ISO 14046,

International Standard on Assurance Engagements 3000 - "Standard on Assurance Engagements Other Than Audits or Reviews of Historical Financial Information" ("ISAE 3000" Revised)

Please explain

<Not Applicable>

Water withdrawals - volume by source

% verified 76-100

Verification standard used

ISO 14046,

International Standard on Assurance Engagements 3000 - "Standard on Assurance Engagements Other Than Audits or Reviews of Historical Financial Information" ("ISAE 3000" Revised)

Please explain

<Not Applicable>

Water withdrawals - quality by standard water quality parameters

% verified Not verified

Verification standard used

<Not Applicable>

Please explain

Water discharges - total volumes

% verified 76-100

Verification standard used

ISO 14046

International Standard on Assurance Engagements 3000 - "Standard on Assurance Engagements Other Than Audits or Reviews of Historical Financial Information" ("ISAE 3000" Revised)

Please explain

<Not Applicable>

Water discharges – volume by destination

% verified 76-100

Verification standard used

ISO 14046

International Standard on Assurance Engagements 3000 - "Standard on Assurance Engagements Other Than Audits or Reviews of Historical Financial Information" ("ISAE 3000" Revised)

Please explain

<Not Applicable>

Water discharges - volume by final treatment level

% verified Not verified

Verification standard used <Not Applicable>

Please explain

Water discharges - quality by standard water quality parameters

% verified 76-100

Verification standard used ISO 14046

Please explain

Water consumption - total volume

% verified

76-100

Verification standard used

ISO 14046

International Standard on Assurance Engagements 3000 - "Standard on Assurance Engagements Other Than Audits or Reviews of Historical Financial Information" ("ISAE 3000" Revised)

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	wide	Commitment to align with international frameworks, standards, and widely- recognized water initiatives	Vestel Beyaz Eşya's Environmental Policy and water targets apply to all operations throughout the company. This policy is in line with ISO 14001 EMS standards. Based on this policy: We will work to reduce environmental impacts by developing energy and water efficient, environmentally friendly products, and for this purpose, we will ensure that product designs and technology are constantly developed and improved.
		Commitment to prevent, minimize, and control pollution Commitment to reduce or	We will reduce the consumption of natural resources, especially raw materials, energy, water and chemicals, during the design and manufacturing stages. We will ensure responsible and reasonable use of water, improve water performance, and assess water stress and risks. We will perform works to increase the environmental awareness and performance of our internal and external stakeholders, by using all our communication resources. We will provide continuous training to our employees so that they acquire the right behaviour habits regarding environmental awareness.
		phase-out hazardous substances Commitment to reduce	Our Environmental Policy can be seen at: http://www.vestelinvestorrelations.com/en/_assets/pdf/vestel_beyaz_esya_management_systems_policy.pdf
		water withdrawal and/or consumption volumes in	Water Stewardship progress can be seen at: http://vesbe.vestelinvestorrelations.com/en/_assets/pdf/Vestel-Beyaz-Esya-Integrated-Annual-Report-2022.pdf page: 113
		direct operations Commitment to reduce	
		water withdrawal and/or consumption volumes in	
		supply chain Commitment to safely managed Water, Sanitation	
		and Hygiene (WASH) in the workplace	
		Commitment to stakeholder education and capacity	
		building on water security Commitment to water	
		stewardship and/or collective action	
		Commitment to the conservation of freshwater	
		ecosystems Reference to company	
		water-related targets Recognition of	
		environmental linkages, for example, due to climate	
		change	

W6.2

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

W6.2a

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

Position of individual or committee	Responsibilities for water-related issues
Chief Executive Officer (CEO)	An effective management structure is of great importance for the integration of environmental, social and governance (ESG) topics throughout the company. The CEO has the highest level of direct responsibility for water-related issues and oversees all environmental, social and governance matters. The CEO reports directly to the Board of Directors. The CEO is also the head of Vestel Sustainability Committee which manages water-related issues. The Committee meets quarterly.
Board-level committee	The Early Detection of Risk Committee was established pursuant to the Board of Directors' resolution dated 15 March 2013, in order to identify risks which could threaten the existence, development and continuity of the Company, take necessary measures against these risks and undertake risk management activities. These risks also include water-related risks. The Early Detection of Risk Committee is composed of at least two Board members. In case the Committee has only two members, both of them, and in case it has more than two members, the majority of them, must be non-executive Board members. The Committee is activities with regard to the early detection of threats which may have negative consequences on the development and continuity of the Company and manage the risks effectively by developing action plans against such threats. The Early Detection of Risk Committee convenes as frequently as necessitated for the efficiency of its activities and in principle at least three times a year. The Committee held six meetings in 2022 and submitted six risk reports to the Board of Directors.

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 Monitoring progress towards corporate targets Overseeing acquisitions, mergers, and divestitures Overseeing and guiding public policy engagement Overseeing major capital expenditures Providing employee incentives Reviewing and guiding annual budgets Reviewing and guiding business plans Reviewing and guiding corporate responsibility strategy Reviewing and guiding major plans of action Reviewing and guiding risk management policies Reviewing and guiding strategy Reviewing and guiding strategy	Vestel's CEO reports directly to the Board of Directors and is the head of Vestel Sustainability Committee. Vestel Sustainability Committee meets quarterly. Sustainability Committee is responsible from governance mechanisms of all water-related issues as selected above.

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	reason for no board- level competence on water-	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		Criteria used is the employment background and degree of Vestel'S CEO: Vestel'S CEO obtained his bachelor's degree in mechanical engineering from İstanbul Technical University in 1976 and his MBA from Brunel University in the UK in 1979. Following his return to Turkey, he worked in managerial positions at various companies in the private sector before joining Vestel in 1988. Having assumed various managerial positions at Vestel since 1988, he served as the Chairman of Vestel Foreign Trade and as an Executive Committee Member at Vestel Elektronik until 2013. Since January 1, 2013, he has been the CEO of the Vestel Group of Companies. He served as the President of TURKTRADE (Turkish Foreign Trade Association) for two terms between 2002 and 2006. From 2010 to 2014, he sat at the board of Europe's largest ICT Confederation, DIGITALEUROPE, as the first Turkish national to hold this position. Fast Company Magazine has announced the 3rd of the Sustainability Leaders 50 list, in which Turkey's leading holdings, companies and banks as well as startups participate. Vestel's CEO ranked 16th on the list.	<not Applicable></not 	<not applicable=""></not>

W6.3

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

Name of the position(s) and/or committee(s) Chief Executive Officer (CEO)

Water-related responsibilities of this position

Assessing future trends in water demand Monitoring progress against water-related corporate targets Managing public policy engagement that may impact water security Integrating water-related issues into business strategy Managing annual budgets relating to water security Managing water-related acquisitions, mergers, and divestitures Providing water-related employee incentives

Frequency of reporting to the board on water-related issues

Quarterly

Please explain

Vestel's CEO is the head of Vestel Sustainability Committee. Vestel Sustainability Committee meets quarterly. CEO makes the decisions regarding water-related issues.

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

Water-related responsibilities of this position

Assessing future trends in water demand Assessing water-related risks and opportunities Managing water-related risks and opportunities Monitoring progress against water-related corporate targets Integrating water-related issues into business strategy Managing annual budgets relating to water security

Frequency of reporting to the board on water-related issues

Quarterly

Please explain

- Duties and responsibilities of Vestel Sustainability Committee:
- \cdot To determine corporate policies and strategies related to water-related issues.
- \cdot To ensure integration of water policies and strategies with corporate business objectives.
- · To evaluate non-financial risks and opportunities including water-related issues.
- · To determine the KPIs and targets of critical issues related to sustainability
- To ensure the implementation of the decisions taken for sustainability and water stewardship, to approve the necessary financial investments for these, and to monitor the performance to ensure that the targets are met.
- · To determine the strategic framework of external evaluation and rating tools on sustainability and to follow up the results.
- · To revise the company strategy when necessary according to global trends regarding sustainability and water-related issues.
- \cdot To encourage cooperation with NGOs, public institutions and universities on water-related issues.

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

Environment/Sustainability manager

Water-related responsibilities of this position

Assessing future trends in water demand Assessing water-related risks and opportunities Managing water-related risks and opportunities Conducting water-related scenario analysis Setting water-related corporate targets Monitoring progress against water-related corporate targets Managing value chain engagement on water-related issues

Frequency of reporting to the board on water-related issues Not reported to board

Please explain

Sustainability Manager is a part of Vestel Sustainability Committee. With the environment manager, he conducts water-related risks and opportunities analysis, manages these risks and opportunities and assesses future trends in water demand. Sustainability Manager also manages Sustainability Working Groups.

Sustainability Working Groups have been established to control and coordinate sustainability and water-related issues. Members of Sustainability Working Groups consist of experts and/or managers responsible for sustainability issues assigned by each department. These groups meet monthly. Sustainability Working Groups report to the Sustainability Committee.

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 C			
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	Performance indicator	Contribution of incentives to the achievement of your organization's water commitments	Please explain
	incentive			
Monetary reward	Please select	Please select		
Non- monetary reward	Operating	a sustainability index with water- related factors (e.g., DJSI, CDP	in the Borsa Istanbul Sustainability Index since 2016. With an Environmental, Social and Governance (ESG) score of 77 from the Refinitiv rating agency, Vestel Beyaz Eşya ranks 7th among 94 companies in its sector on a global basis. This incentive serves for better management of ESG issues throughout the value chain.	The COO is recognized within Vestel and Zorlu Holding (parent company) when water-related sustainability index scores are increased.

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, 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?

Vestel Beyaz Eşya complies with all related regulations and standards and ensure its compliance via periodic controls. The Company works closely with Ministry of Environment Urbanization Climate Change, attends Ministries' seminars and workshops, follows new developments closely and gives its opinions on draft regulations through trade associations. The opinions are given based on Vestel Beyaz Eşya's water policy/water commitments.

Vestel Beyaz Eşya closely follows developments within the scope of the European Union (EU) Green Deal. Within this framework, it contributes to policy development processes by taking part in the activities of TUSIAD EU Green Deal Task Force. Vestel Beyaz Eşya assumed the chairmanship of the TOBB DTM Environment Commission in 2020. In this context, the Company actively followed the harmonization efforts of the Ministry of Environment and Urbanization of the Republic of Türkiye on the environmental legislation, especially the Recycling Participation Fee (GEKAP), and took part in the policy-making processes. Vestel Beyaz Eşya plays an active role in the working groups of various organizations, especially TURKBESD Environment Working Group. It also became a member of APPLiA's Consortium on Microplastics Release in 2021.

Vestel CEO is a board member of TURKTRADE.

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) Vestel-Beyaz-Esya-Integrated-Annual-Report-2022.pdf

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
	Yes, water- related issues are integrated	5-10	At Vestel Beyaz Eşya, one of our long-term business objectives is water efficiency in our products. In this respect, our products are among those that consume the least water in the market. We produce dishwashers that consume 5.4 liters of water by saving 45% more water than the market average per wash. These dishwashers save up to 3 liters of water per wash thanks to our "Aquazone" technology compared to conventional technologies, and we also produce washing machines, which consume 35 liters of water per wash by saving approximately 30% more water. The waterless daylight cleaning programs also provide hygiene for items that consumers use in their Daily lives, such as keys and wallets. We also aim to support the reduction of water pollution with washing machines equipped with microfiber filter systems which we have developed and for which patents have been
	Yes, water- related issues are integrated	5-10	filed. In this context, we became a member of APPLiA's Consortium on Microplastics Release in 2021 and we are striving to take a more active role in global initiatives. One of our business strategies is to become a net zero company. In this regard, we are applying innovative business models and adopting the circular economy. In order to achieve our long-term water related objectives, we are going to use 50% recycled water by 2030 in our own operations. We will invest in water re-use and recycling projects. We are going to expand our rainwater collection systems to all plants. Our operations target is to reduce water consumption per unit of product by 21% by 2030 taking 2021 as the base year. We will continue investing in water efficient and waterless products going forward. As a result, our strategy is to become more resilient in terms of water.
Financial planning	Yes, water- related issues are integrated	5-10	We have allocated budgets for water-related matters. For example, in 2022 Vestel Beyaz Eşya allocated 306,000 TRY from its budget to water-related projects.

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) -47

Anticipated forward trend for CAPEX (+/- % change) 885

Water-related OPEX (+/- % change)

21

45

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

Please explain

CAPEX: In 2022, there was a slight decrease in investments due to the political and economic uncertainty in Turkey. Our operations target is to reduce water consumption per unit of product by 21% by 2030 taking 2021 as the base year. Therefore, from a long-term perspective, we are planning significant increases in CAPEX within the framework of Vestel's water reduction targets.

OPEX: Our OPEX includes municipal water, groundwater and waste water expenses (bills) as well as water analysis costs. We expect a rise in supplied water unit prices going forward. Also, since our target is to use 50% recycled water by 2030; our water supply costs will increase as the unit price of the recycled water will be higher than regular water unit costs.

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 scenari analysi used	0	Description of possible water-related outcomes	Influence on business strategy
Row Water- 1 related	Within the scope of its water risk management, Vestel carries out analyses by monitoring the WRI Aqueduct Water Risk Atlas. Vestel Beyaz Eşya carries out scenario analysis by WRI Aqueduct Water Risk Atlas tool. Based on this tool scenarios are defined as follows: The "optimistic" scenario (SSP2 RCP4.5) represents a world with stable economic development and carbon emissions peaking and declining by 2040, with emissions constrained to stabilize at ~650 ppm CO2 and temperatures to 1.1–2.6°C by 2100. The "business as usual" scenario (SSP2 RCP8.5) represents a world with stable economic development and stadily rising global carbon emissions, with CO2 concentrations reaching ~1370 ppm by 2100 and global mean temperatures increasing by 2.6–4.8°C relative to 1986–2005 levels. The "pessimistic" scenario (SSP3 RCP8.5) represents a fragmented world with uneven economic development, higher population growth, lower GDP growth, and a lower rate of urbanization, all of which potentially affect water usage; and steadily rising global carbon erating ~1370 ppm by 2100 and global mean temperatures increasing by 2.6–4.8°C relative to 1986–2005 levels.	Vestel Beyaz Eşya has a total of 7 plants. All of these 7 plants are located in Vestel City (Vestel Organized Industrial Zone). According to WRI Aqueduct Water Risk Atlas, all plants of Vestel Beyaz Eşya will be in high water stress area in 2030 and 2040 for optimistic, business as usual and pessimistic scenarios.	Vestel Beyaz Eşya supplies the water it uses in its production processes from the Manisa Organized Industrial Zone's tap water supply and well water. Aware of the pressure on water resources, Vestel Beyaz Eşya aims to implement water recovery models and focuses on minimizing water consumption, which is considered one of the biggest risks in production processes. Company strives to develop and expand water efficient projects and to recycle water. In addition to increasing the use of rainwater, Vestel also carries out projects to utilize recycled water. Vestel is working to purchase recycled water from the advanced water treatment plant in the Manisa Organized Industrial Zone.

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

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		Primary reason for not classifying any of your current products and/or services as low water impact	Please explain
Row 1		Washing machines and dishwashers which consume less water than EU and Turkey market averages.	<not applicable=""></not>	We classify washing machines and dishwashers which consume less water than EU and Turkey market averages as low water impact products.

W8. Targets

W8.1

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

W8.1a

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

	Target set in this category	Please explain
Water pollution	No, but we plan to within the next two years	
Water withdrawals	Yes	<not applicable=""></not>
Water, Sanitation, and Hygiene (WASH) services	No, but we plan to within the next two years	
Other	Yes	<not applicable=""></not>

W8.1b

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

Target reference number Target 1

Category of target Water consumption

Target coverage Company-wide (direct operations only)

Quantitative metric Reduction per revenue

Year target was set 2021

Base year 2021

Base year figure 516.5

Target year 2030

Target year figure 363

Reporting year figure 503.9

% of target achieved relative to base year 8.20846905537461

Target status in reporting year Underway

Please explain

Our target is to reduce water consumption per revenue by 30% by 2030 taking 2021 as the base year.

Target reference number Target 2

Category of target Water recycling/reuse

Target coverage Company-wide (direct operations only)

Quantitative metric Increase in water use met through recycling/reuse

Year target was set 2021

Base year 2021

Base year figure 0.5

Target year 2030

Target year figure 50

Reporting year figure 2.63

% of target achieved relative to base year 4.3030303030303

Target status in reporting year Underway

Please explain

Our target is using 50% recycled water by 2030. Since our new base year is 2021, we'll show our achievement in the next years. Vestel Beyaz Eşya continues to work on water recycling projects as part of its sustainability efforts. Rainwater collection projects were implemented and 1.26 megaliters of rainwater was collected in 2022. Work is being carried out to further promote the project

Target reference number Target 3

Category of target Supplier engagement

Target coverage Company-wide (direct operations only)

Quantitative metric Increase in number of suppliers engaged

Year target was set 2022

Base year

Base year figure

Target year 2025

Target year figure

Reporting year figure 10

% of target achieved relative to base year 9.34579439252336

Target status in reporting year Underway

Please explain

We started Vestel Supplier Monitoring and Development Program in 2022 to engage suppliers on water stewardship. In 2022, a total of 10 suppliers completed the necessary training and were subjected to audits as part of the Vestel Supplier Monitoring and Development Program. 80% of the audited supplier companies are in the medium risk category of sustainability level, 10% are in the good category, and 10% are in the acceptable risk level category. All companies have successfully completed the program. The Company aims to carry out the same program with the rest of the suppliers in 2023. In 2022, Vestel Beyaz Eşya did not have any suppliers with which relations were terminated due to any social incompliance. Activities required forimproving the scope of ESG audits for all critical suppliers are followed by the Supply Chain Working Group.

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

Vestel-Beyaz-Esya-Integrated-Annual-Report-2022.pdf Vestel Doğrulama Beyanı - 14046_2014 - en pdf.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	footprint :		"The Water Footprint Inventory Analysis (gate-to-gate)" Vestel Beyaz Eşya Sanayi ve Ticaret A.Ş. is in line with the requirements of the standard ISO 14046:2014. Level of assurance is Reasonable.
W1 Current state	Water Consumpti on (m3) " Tap Water (m3) " Rain Water (m3) " Wastewate r Discharge d to Network (m3)		PWC performs an independent limited assurance engagement on the Selected Sustainability Information for the year ended December 31, 2022. PWC has performed limite assurance engagement in accordance with International Standard on Assurance Engagements 3000 - "Standard on Assurance Engagements Other Than Audits or Review of Historical Financial Information" ("ISAE 3000" Revised) and International Standard on Assurance Engagements 3410 - "Standard on Assurance Engagements on Greenhouse Gas Statements" ("ISAE 3410") issued by the International Auditing and Assurance Standards Board.

W10. Plastics

W10.1

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

	Plastics	Value	Please explain
	mapping		
		stage	
Row 1	Yes	operations	Carrying out efforts to reduce the consumption of plastic raw materials and plastic waste generated in production processes and offices. Vestel Beyaz Eşya has made a commitment to reduce the use of plastic and reuse it by recycling under the Business World Plastics Initiative, of which it is a signatory. In this respect, it cooperates with domestic and foreign suppliers and start-ups in order to ensure the availability of recycled and alternative plastic raw materials. Vestel Beyaz Eşya has started to use bioplastic and recyclable parts in its products that are more easily biodegradable and leave no toxic residues, and aims to increase the use of bioplastic and recyclable parts in 2023. Hence, Vestel Beyaz Eşya has a detailed inventory of plastic consumption in its factories. Total amount of plastic usage can also be founded in Vestel Beyaz Eşya's 2022 Integrated Report page 186.
			http://vesbe.vestelinvestorrelations.com/en/_assets/pdf/Vestel-Beyaz-Esya-Integrated-Annual-Report-2022.pdf

W10.2

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

	Impact	Value	Please explain
	assessment	chain	
		stage	
Row			Within the scope of corporate risk management, impact assessments of our plastic use and plastic production were made. Vestel carries out Industry 4.0 activities in production.
1		operations	These efforts make direct and indirect contributions to the circular economy and the elimination of waste and risks. In other words, Vestel invests in the most efficient production
		Product	processes and circular economy models.
		use phase	
			· Vestel continues to work on zero waste factories.
			· In addition to the development of products that ensure natural resource efficiency and reduce pollution, investments are made in repair and second-hand sales models.
			Vestel carries out R&D activities to use recycled and recyclable raw materials.

W10.3

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

	exposure	Type of risk	Please explain
Row 1		 	Regulations related to the taxes related to the use of plastics that have recently entered into force in the world, especially England, which is one of our largest markets, are among the most important risks in our corporate risk assessment. Together with German due diligence, these risks are addressed throughout the entire supply chain.

W10.4

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

	Targets	Target type	Target metric	Please explain
	in	ruiget (jpe	ranget metric	
	place			
Row	Yes	Plastic	Reduce the	Carrying out efforts to reduce the consumption of plastic raw materials and plastic waste generated in production processes and offices, Vestel Beyaz Eşya has made
1		polymers	total weight of	a commitment to reduce the use of plastic and reuse it by recycling under the Business World Plastics Initiative, of which it is a signatory. In this respect, it cooperates
		Plastic	virgin content	with domestic and foreign suppliers and start-ups in order to ensure the availability of recycled and alternative plastic raw materials. By recovering the wastage
		packaging	in plastic	generated throughout production processes. The Company aims to use 4,344 tonnes of recycled plastic by the end of 2022 and a total of 7,081 tonnes by the end of
		Waste	polymers	2023 in products and components, starting from 2021. Besides, the Company will improve the product and packaging designs of all major household appliances and
		management	Increase the	reduce the use of plastics by 1,000 tonnes by the end of 2023 when compared to the base year 2020 through the activities to be performed under the cooperation of
		Other	proportion of	its R&D and Production units.
			renewable	
			content from	
			responsibly	
			managed	
			sources in	
			plastic	
			polymers	
			Reduce the	
			use of plastics	
			additives	
			Reduce the	
			total weight of	
			plastic	
			packaging	
			used and/or	
			produced Eliminate	
			problematic	
			and	
			unnecessary	
			plastic	
			packaging	
			Reduce the	
			total weight of	
			virgin content	
			in plastic	
			packaging	

W10.5

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

	Activity applies	Comment
Production of plastic polymers	No	
Production of durable plastic components	No	
Production / commercialization of durable plastic goods (including mixed materials)	No	
Production / commercialization of plastic packaging	No	
Production of goods packaged in plastics	Yes	Even if Vestel Beyaz Eşya produces goods packaged in plastics, there are many packaging projects. The Company will improve the product and packaging designs of all major household appliances and reduce the use of plastics by 1,000 tonnes by the end of 2023 when compared to the base year 2020 through the activities to be performed under the cooperation of its R&D and Production units.
Provision / commercialization of services or goods that use plastic packaging (e.g., retail and food services)	No	

W10.8

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

	packaging sold / used during	content percentages	fossil-	renewable content	industrial recycled	% post- consumer recycled content	Please explain
Plastic packaging sold	<not applicable=""></not>	<not applicable=""></not>	<not Applicable ></not 		<not Applicable></not 	<not Applicable></not 	<not applicable=""></not>
Plastic packaging used	10996	% virgin fossil- based content	100		<not Applicable></not 	<not Applicable></not 	In the current situation, plastic packaging materials of Vestel Beyaz Eşya are virgin fossil- based content. However, there are number of ongoing R&D projects to increase recycled content in the packaging such as in packaging bags and shrinks.

W10.8a

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

	Percentages available to report for circularity potential			% of plastic packaging that is recyclable in practice at scale	Please explain
Plastic packaging sold	<not applicable=""></not>	<not applicable=""></not>	<not applicable=""></not>	<not applicable=""></not>	<not applicable=""></not>
Plastic packaging used	% technically recyclable	<not applicable=""></not>	100	<not applicable=""></not>	All of our plastic packaging is recyclable.

W11. Sign off

W-FI

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

W11.1

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

	Job title	Corresponding job category
Row 1	Management Systems & Customer Relation Manager	Environment/Sustainability manager

Submit your response

In which language are you submitting your response? English

Please confirm how your response should be handled by CDP

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

Please indicate your consent for CDP to share contact details with the Pacific Institute to support content for its Water Action Hub website. Yes, CDP may share our Main User contact details with the Pacific Institute

Please confirm below

I have read and accept the applicable Terms