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Water 2016 - ÇİMSA ÇİMENTO SANAYİ VE TİCARET A.Ş.

Module: Introduction

Page: W0. Introduction

W0.1
Introduction

Please give a general description and introduction to your organization.

ÇİMSA is one of the industrial companies of Sabancı Group, Turkey's leading industrial and financial conglomerate. Sabancı Group companies are market leaders in their respective sectors that include financial services, energy, cement, retail and industrials. Listed on the Borsa Istanbul (BIST), Sabancı Holding has controlling interests in 12 companies that are also listed on the BIST.
Sabancı Group companies currently operate in 16 countries and market their products in regions across Europe, the Middle East, Asia, North Africa, North and South America. Having generated significant value and know-how in Turkey, Sabancı Holding has experienced remarkable growth in its core businesses. The Holding's reputation, brand image and strong joint ventures helped further extend its operations into the global market. Sabancı Holding's multinational business partners include such prominent companies as Ageas, Aviva, Bridgestone, Carrefour, Citi, E.ON, Heidelberg Cement and Philip Morris.
In addition to coordination of finance, strategy, business development and human resource functions, Sabancı Holding determines the Group's vision and strategies.
In 2014, the consolidated revenue of Sabancı Holding was TL 27.4 billion (US$ 12.5 billion) with operating profit of TL 5.1 billion (US$ 2.3 billion). The Sabancı Family is collectively Sabancı Holding's major shareholder with 57.7% of the share capital. Sabancı Holding shares are traded on the Borsa Istanbul with a free float of 40.1%, the largest float percentage among holding companies. Depository

receipts are quoted on the SEAQ International and PORTAL.
Çimsa has been established in Mersin in 1972. Clinker production capacity of Çimsa's facilities in Mersin, Kayseri, Eskisehir and Niğde, which started its activities in 1975 with its first production facility reached from 5 million tons to 5.5 million tons. Çimsa, by manufacturing special cements such as white cement and Calcium Aluminate Cement and innovative concretes besides grey cement, is leading the Turkish cement and ready-mixed concrete regarding innovation.

ÇİMSA is one of the pioneering companies on Sustainability in cement industry in Turkey. We are the first Turkish company becomes a member of WBCSD Cement Sustainability Initiative (CSI), published first GRI A+ Sustainability Report and first signatory of UN Global Compact in its sector in Turkey.

W0.2
Reporting year

Please state the start and end date of the year for which you are reporting data.

Period for which data is reported
Thu 01 Jan 2015 - Thu 31 Dec 2015

W0.3
Reporting boundary

Please indicate the category that describes the reporting boundary for companies, entities, or groups for which water-related impacts are reported.

Companies, entities or groups over which financial control is exercised

W0.4
Exclusions

Are there any geographies, facilities or types of water inputs/outputs within this boundary which are not included in your disclosure?

Yes

W0.4a
Exclusions

Please report the exclusions in the following table

Exclusion	Please explain why you have made the exclusion
Ready mixed concrete business line is excluded	Ready mixed concrete is an other business line in Çimsa and we did not include water of the activities from this business line at the moment. We hope to include it in the future.

Further Information

Module: Current State

Page: W1. Context

W1.1
Please rate the importance (current and future) of water quality and water quantity to the success of your organization

Water quality and quantity	Direct use importance rating	Indirect use importance rating	Please explain

Water quality and quantity	Direct use importance rating	Indirect use importance rating	Please explain
Sufficient amounts of good quality freshwater available for use	Vital for operations	Important	However we do not use/include water into our product, we use water for cooling and WASH purposes. Therefore, we accept that it is vital for our operations to have sufficient amounts of water in expected quality. Our customers need water to use our product, therefore it is important. Our product - cement- needs water to chemically react and function or to be used in cement based other products. Our upstream value chain does not need water so much. In future, we believe water will be a more valueable asset and water stress will increase therefore it will be more important. However, we started to focus on water to increase water efficiency and dependency. Similarly, the importance at indirect use will increase.
Sufficient amounts of recycled, brackish and/or produced water available for use	Important	Neutral	If we use more recycled water, we will be reducing our water consumption and dependency on water. Therefore it is important for us, because we wolud like to decrease our Water Footprint. In the future we believe usage of recycled water both in direct and indirect use will be more important. In Eskişehir Plant, we started to reuse our treated domestic waste water in our process for cooling in 2015. As the same way, we have prepared projects for Kayseri Plant to reuse treated domestic waste water in our process for cooling in 2016. We aim to apply this method for all of our plants to decrease of usage fresh water (blue water) from groundwater. On the other hand; the artificial lake in Eskişehir plant, founded on the migration route of birds, during immigration, birds use drinking water from this lake.

W1.2

For your total operations, please detail which of the following water aspects are regularly measured and monitored and provide an explanation as to why or why not

Water aspect	% of sites/facilities/operations	Please explain
Water withdrawals- total volumes	76-100	We have usage permit for all of our ground water wells from local governance. All the ground water wells are measured by flowmeter and recorded by responsible staff continiously since the beginning of 2015.
Water withdrawals- volume by sources	76-100	%98 of total consumed water is supplied from ground water wells, rest of it supplied from municipal water.
Water discharges- total volumes	76-100	Dİscharges volume is estimated according to number of employee of ÇİMSA for 2015. The specific discharge volume is accepted 150 liter/day per person that is a scientific data.
Water discharges- volume by destination	76-100	Dİscharges volume is estimated according to number of employee of ÇİMSA for 2015. The specific discharge volume is accepted 150 Liter/day per person that is scientific data.

Water aspect	% of sites/facilities/operations	Please explain
Water discharges-volume by treatment method	76-100	86% of total domestic wastewater is treated by domestic wastewater treatment plant, 14% of total wastewater were connected to the municipale wastewater treatment plant through the sewerage system.
Water discharge quality data-quality by standard effluent parameters	76-100	86% of total treated of wastewater is analysed periodically by a accredited laboratory to comply with Turkey regulations at every two months. Analyses reports attached below could be an examlpe.
Water consumption- total volume	Less than 1%	We are planning to install flowmeters in Kayseri plant to measure continiously the water consumption in process in 2015. We aim to measure water consumptions in process in Mersin, Eskişehir, Niğde and Ankara plants in the next years.
Facilities providing fully-functioning WASH services for all workers	1-25	Water supplied by Municipal is used for all employees for the purpose of hygiene.

W1.2a

Water withdrawals: for the reporting year, please provide total water withdrawal data by source, across your operations

Source	Quantity (megaliters/year)	How does total water withdrawals for this source compare to the last reporting year?	Comment
Fresh surface water	0		
Brackish surface water/seawater	0		
Rainwater	0		
Groundwater - renewable	2124.97	This is our first year of measurement	We have usage permit for all of our ground water wells from local governances. All of the ground water wells are measured by flowmeter and recorded by responsible staff continiously since the beginning of 2015.
Groundwater - non-renewable	0		

Source	Quantity (megaliters/year)	How does total water withdrawals for this source compare to the last reporting year?	Comment
Produced/process water	9	This is our first year of measurement	In Eskişehir Plant, we started to reuse our treated domestic waste water in our process for cooling in 2015 second half.We aim to generalize this implementation to all of our other plants.Consequently we made a new project in Kayseri plant to reuse treated water in our process. We applied for the permission and obtained to get legal approval.
Municipal supply	33.76	About the same	This is intended for human consumption particularly, in our plants.
Wastewater from another organization	0		
Total	2167.73	This is our first year of measurement	We aim to follow up all of our water consumption in a year by starting in 2015 to compare to previous year.

W1.2b

Water discharges: for the reporting year, please provide total water discharge data by destination, across your operations

Destination	Quantity (megaliters/year)	How does total water discharged to this destination compare to the last reporting year?	Comment
Fresh surface water	32.07	This is our first year of measurement	Mersin and Kayseri plant's treated wastewater are discharged into the dry river. Both of our plants applied for the permission and they got it. Treated wastewater is analysed periodically by a acredited laboratory to comply with Turkey regulations at every two months and analysis results do not exceed the limit values.
Brackish surface water/seawater	0		
Groundwater	0		
Municipal/industrial wastewater treatment plant	7.23	This is our first year of measurement	Niğde and Ankara plant's domestic wastewater were connected to the municipale wastewater treatment plant through the sewerage system.

Destination	Quantity (megaliters/year)	How does total water discharged to this destination compare to the last reporting year?	Comment
Wastewater for another organization	0		
Total	39.30	This is our first year of measurement	

W1.2c

Water consumption: for the reporting year, please provide total water consumption data, across your operations

Consumption (megaliters/year)	How does this consumption figure compare to the last reporting year?	Comment
2167.73	This is our first year of measurement	We aim to measure our water consumption every year and have a water management system. We aim to decrease our water consumption volume by making new projects.

W1.3

Do you request your suppliers to report on their water use, risks and/or management?

No

W1.3b

Please choose the option that best explains why you do not request your suppliers to report on their water use, risks and/or management

Primary reason	Please explain
Reporting implementation in progress	In the long run, we are eager to make it for all facilities and the value chain in the future.

W1.4

Has your organization experienced any detrimental impacts related to water in the reporting year?

No

Further Information

W 1.2. Analyses reports

Attachments

Kayseri Plant- 2015.pdf
Mersin Plant November 2015.pdf
Mersin Plant July 2015.pdf
Mersin Plant January-March-May 2015.pdf
Mersin Plant September 2015.pdf

Module: Risk Assessment

Page: W2. Procedures and Requirements

W2.1

Does your organization undertake a water-related risk assessment?

Water risks are assessed

W2.2

Please select the options that best describe your procedures with regard to assessing water risks

Risk assessment procedure	Coverage	Scale	Please explain
Comprehensive company-wide risk assessment	Direct operations	All facilities	As Çimsa we put importance to Sustainable Business and especially to Climate Change Management. Therefore, we engage with stakeholders, we are at the development / progress stage of our water management risk & opportunity assesment and policy making processes. We have 5 facilities and we planned to improve them step by step with an action plan. We are eager to make it for all facilities and the value chain in the future.

W2.3

Please state how frequently you undertake water risk assessments, what geographical scale and how far into the future you consider risks for each assessment

Frequency	Geographic scale	How far into the future are risks considered?	Comment
Six-monthly or more frequently	River basin	>6 years	We are engaging with our stakeholders and beyond that we started to get Consultancy services on Water Management. We are planning to keep on it in a broader range to establish a proper water risk& opportunity assessment, to develop strategies and to integrate it to core business activities.We planned to improve our facilities step by step with an action plan. At the first attempt, we would like to have studies focusing at least to the river basin scale with long term projections in the future.

W2.4

Have you evaluated how water risks could affect the success (viability, constraints) of your organization's growth strategy?

Not evaluated

W2.4b

What is the main reason for not having evaluated how water risks could affect the success (viability, constraints) of your organization's growth strategy, and are there any plans in place to do so in the future?

Main reason	Current plans	Timeframe until evaluation	Comment

Main reason	Current plans	Timeframe until evaluation	Comment
Evaluation underway	Yes	Next reporting period	We are engaging with our stakeholders and beyond that we started to get Consultancy services on Water Management.We are planning to keep on it in a broader range to establish a proper water risk & opportunity assessment, to development strategies and to integrate it to core business activities. We have 5 facilities and we planned to improve them step by step with an action plan. At the first attempt, we would like to have studies focusing at least to the river basin scale with long term projections. In the long run, we are eager to make it for all facilities and the value chain in the future.

W2.5

Please state the methods used to assess water risks

Method	Please explain how these methods are used in your risk assessment
Water Footprint Network	Water risks are evaluated under our Sustainablity Risks. The sustainability performance and the targets are particularly managed by a Sustainability Committee which reports to Board of Directors. The committee is led by the CEO and meets in every 3 months. Chief Tecnicial Officer is the main responsible person for environmental aspects of sustainability and he is responsible for leading, monitoring and managing the sustainability committee and the action plans taken by the committee. Especially our Environment and Resource Recovery Department is focusing on Climate Change Management. As an energy & emission intensive company, our emissions were in our focus for a long while. For the upcoming days we plan to focus on water management more and more day by day. We calculated our grey water footprint in accordance with ISO 14046 standarts.

W2.6

Which of the following contextual issues are always factored into your organization's water risk assessments?

Issues	Choose option	Please explain
Current water availability and quality parameters at a local level	Relevant, included	The production in cement industry is depended on water due to the usage of water in the process. Besides, keeping the water quality for discharged water is important for us for both compliance and stakeholder engagement.
Current water regulatory frameworks and tariffs at a local level	Relevant, included	Water is essential for us to keep on our production and as Çimsa fully comply on regulations. Therefore the regulations and tariffs are very important for us, because they could directly effect our operations. Beyond that in order to prevent pollution, to take necessary precautions in our waste water treatment plants is also important for discharged water.
Current stakeholder conflicts concerning water resources at a local level	Relevant, included	Stakeholder conflicts could cause distruptions in our clinker and cement productions and adversely effect our brand value, therefore it is included.
Current implications of water on your key commodities/raw materials	Relevant, included	It could affect our production capacity therefore it is included.

Issues	Choose option	Please explain
Current status of ecosystems and habitats at a local level	Relevant, not yet included	At the moment, there is no substantial data and reports on the effects on ecosystems and habitats at a local level for all of our facilities where we operate. However, we are eager to assess the effect on ecosystems and habitats at a local level in the future.
Current river basin management plans	Relevant, not yet included	It is very important for the sustainabililty of our business, therefore we would like to include all river basin management plans for all of our facilities in the future.
Current access to fully-functioning WASH services for all employees	Relevant, included	All of our facilities provides WASH services for all workers, we put great importance to maintain hygine and Health & Safety conditions to all of our workers. Therefore it is factored in our water risk assessment.
Estimates of future changes in water availability at a local level	Relevant, included	Water is crucial for our operations and it is estimated that water will be a more valuable asset. It is expected that the water stress will be higher than today. Therefore it is included.
Estimates of future potential regulatory changes at a local level	Relevant, included	Water is essential for us to keep on our production and as Çimsa fully comply on regulations. Therefore the regulations are very important for us, because they could directly effect our operations. Beyond that in order to prevent pollution, to take necessary precautions is also important for discharged water. Therefore it is included.
Estimates of future potential stakeholder conflicts at a local level	Relevant, included	Stakeholder conflicts could cause distruptions in our production and adversely effect our brand value, As it is expected that water will be a more valuable asset in the future, the issue will be more open to conflicts. Therefore it is included.
Estimates of future implications of water on your key commodities/raw materials		Water is essential for use of our product; cement. Therefore it is included.
Estimates of future potential changes in the status of ecosystems and habitats at a local level	Relevant, not yet included	We are eager to do so on that issue in the future, but it is not fully factored at the moment.
Scenario analysis of availability of sufficient quantity and quality of water relevant for your operations at a local level	Relevant, not yet included	We are eager to perform scenario analysis on that issue in the near future.
Scenario analysis of regulatory and/or tariff changes at a local level	Relevant, not yet included	We are eager to perform scenario analysis on that issue in the near future.
Scenario analysis of stakeholder conflicts concerning water resources at a local level	Relevant, not yet included	We are eager to perform scenario analysis on that issue in the future.

Issues	Choose option	Please explain
Scenario analysis of implications of water on your key commodities/raw materials	Relevant, not yet included	We are eager to perform scenario analysis on that issue in the future.
Scenario analysis of potential changes in the status of ecosystems and habitats at a local level	Relevant, not yet included	We are eager to perform scenario analysis on that issue in the future.
Other	Not relevant, explanation provided	No other.

W2.7

Which of the following stakeholders are always factored into your organization's water risk assessments?

Stakeholder	Choose option	Please explain
Customers	Relevant, included	Our customers are one of the most important stakeholders for us. We are an exporting company and a substantial amount of our production is to developed countries. Therefore meeting their regulations requirements are of our priorities.
Employees	Relevant, included	Our employees are of our valuable assets. Particularly at WASH services to provide hygiene and health aspects are of our priorities.
Investors	Relevant, included	We are publicly traded, exporting company of a reputable group in Turkey, Sabancı Holding. In addition to them, we are operating in an energy intensive industry focused on Sustainability issues, therefore we have high sustainability risks. For those reasons; investors are factored at our water risk assessment.
Local communities	Relevant, included	We do care to the local communities where our operations took place. Therefore they are included.
NGOs	Relevant, included	We took into consideration of the NGOs feedbacks and engage with them as well. Therefore we took them into consideration while assessing our water risks.
Other water users at a local level	Relevant, included	Due to cumulative effect, we include them into our assessments.
Regulators	Relevant, included	Water is essential for us to keep on our production and as Çimsa fully comply on regulations. Therefore the regulations are very important for us, because they could directly effect our operations. Beyond that in order to prevent pollution, to take necessary precautions is also important for discharged water.
River basin management authorities	Relevant, included	Water is essential for us to keep on our production and as Çimsa fully comply on regulations. Therefore the river basin manageent authorities are very important for us, because they could directly effect our operations. Beyond that in order to prevent pollution, to take necessary precautions is also important for discharged water.
Statutory special interest groups at a local level	Not relevant, explanation provided	There is no significant statutory special interest groups.

Stakeholder	Choose option	Please explain
Suppliers	Relevant, not yet included	We will be including our suppliers in the next run into water risk assesments.
Water utilities/suppliers at a local level	Not relevant, explanation provided	There is no local water supplier.
Other	Not relevant, explanation provided	No other

Further Information

Module: Implications

Page: W3. Water Risks

W3.1

Is your organization exposed to water risks, either current and/or future, that could generate a substantive change in your business, operations, revenue or expenditure?

Don't know

W3.2

Please provide details as to how your organization defines substantive change in your business, operations, revenue or expenditure from water risk

As Çimsa we are aware that water is an essential asset for us and could effect our business, operations and revenue in a positive or negative way. It is upto our management strategy of the topic. Therefore, we put importance to Sustainable Business and especially to Climate Change Management. We engage with stakeholders, we are at the development / progress stage of our water management risk & opportunity assesment and policy making processes. We have 5 facilities and we planned to improve step by step with an action plan. We are eager to make it for all facilities and the value chain in the future.

Our customers are one of the most important stakeholders for us. We are an exporting company and a substantial amount of our production is to developed countries. Therefore meeting their regulations requirements are of our priorities.

Our employees are of our valuable assets. Particularly at WASH services to provide hygiene and health aspects are of our priorities.

We are publicly traded, exporting company of a reputable group in Turkey, Sabancı Holding. In addition to them, we are operating in an energy intensive industry focused on Sustainability issues, therefore we have high sustainability risks. For those reasons; investors are factored at our water risk assessment.

W3.2g

Please choose the option that best explains why you do not know if your organization is exposed to water risks that could generate a substantive change in your business operations, revenue or expenditure and discuss any future plans you have to assess this

Primary reason	Future plans

Primary reason	Future plans
Environmental risk assessments are incomplete at this time	We are engaging with our stakeholders and beyond that we started to get Consultancy services on Water Management.We are planning to keep on it in a broader range to establish a proper water risk& opportunity assessment, to develop strategies and to integrate it to core business activities. We have 5 facilities and we planned to improve step by step with an action plan. At the first attempt we would like to have studies focusing at least to the river basin scale with long term projections in the future. After that best practice facility we would like to enlarge it to other ones. In the long run, we are eager to make it for all facilities and the value chain in the future. Environmental engineers of Çimsa, have taken trainigs about water footprint calculations so it has been first step for us. Training records of employees, attached below could be an example.

Further Information

Water footprint training records-

Attachments

CIMSA_WFP training.pdf

Page: W4. Water Opportunities

W4.1

Does water present strategic, operational or market opportunities that substantively benefit/have the potential to benefit your organization?

Yes

W4.1a

Please describe the opportunities water presents to your organization and your strategies to realize them

Country or region	Opportunity	Strategy to realize opportunity	Estimated timeframe	Please explain
Turkey	Climate change adaptation Competitive advantage Cost savings Increased brand value Improved water efficiency Regulatory changes Sales of new products/services	We are engaging with our stakeholders and beyond that we started to get consultancy services on Water Management. We are planning to keep on it in a broader range to establish a proper water risk& opportunity assessment, to development strategies and to integrate it to core business activities. We have 5 facilities and we planned to improve step by step with an action plan. At the first attempt we would like to have studies focusing at least to the river basin scale with long term projections in the future. We are planing to measure our water consumption by flowmeters in our plants.	>6 years	By Water Management; we beleive we have the chance to: - Increase our market (including brand) value, - Decrease operational costs, - Increase our revenues by increasing demands for our existing products and also by developing new products.

Further Information

Module: Accounting

Page: W5. Facility Level Water Accounting (I)

Further Information

Page: W5. Facility Level Water Accounting (II)

Further Information

Module: Response

Page: W6. Governance and Strategy

W6.1

Who has the highest level of direct responsibility for water within your organization and how frequently are they briefed?

Highest level of direct responsibility for water issues	Frequency of briefings on water issues	Comment
Board of individuals/Sub-set of the Board or other committee appointed by the Board	Scheduled-annual	Climate Change is one of the most important subjects in sustainability management at Çimsa.The sustainability performance and the targets are particularly managed by a Sustainability Committee which reports to Board of Directors.The committee is led by the CEO and meets in every 3 months. Chief Technical Officer is the main responsible person for environmental aspects of sustainability and he is responsible for leading, monitoring and managing the sustainability committee and the action plans taken by the committee. Water is planned to be managed within the same governance system. Releated with this aim, all the Çimsa environmental engineers had trainings about water footprint calculations in 2016. Çimsa is the first cement company that has calculated grey water footprint in Turkey. We aim to have ISO 14046 Certification in 2016. Grey water footprint calculation document attached below could be an example.Treated wastewater is analysed periodically,at every 2 months.

W6.2

Is water management integrated into your business strategy?

Yes

W6.2a

Please choose the option(s) below that best explain how water has positively influenced your business strategy

Influence of water on business strategy	Please explain
Establishment of sustainability goals	Water Management will help to achieve our Sustainability goals. By Water Management; we believe we have the chance to: - Increase our market (including brand) value, - Decrease operational costs, - Increase our revenues by increasing demands for our existing products and also by developing new products

W6.2b

Please choose the option(s) below that best explains how water has negatively influenced your business strategy

Influence of water on business strategy	Please explain
Other: Distruption in production risk	We are operating in cement industry and our production is depended on water in expected quality both for us and for our value chain. If there is water stress or conflicts with stakeholders, those could lead to disruption in production.
Other: Reduce in Market Value Risk	Çimsa is a public trade and exporting company. In addition to them; Çimsa is one of a reputable group (Sabancı Holding) companies, therefore any Climate Change risk may lead to decrease in market value and increase in operating costs.

W6.3

Does your organization have a water policy that sets out clear goals and guidelines for action?

Yes

W6.3a

Please select the content that best describes your water policy (tick all that apply)

Content	Please explain why this content is included
Company-wide Performance standards for direct operations	The sustainability performance and the targets are particularly managed by a Sustainability Committee which reports to Board of Directors. The committee is led by the CEO and meets in every 3 months. Chief Technical Officer is the main responsible person for environmental aspects of sustainability and he is responsible for leading, monitoring and managing the sustainability committee and the action plans taken by the committee. Especially our Environment and Resource Recovery Department is focusing on Climate Change Management. As an energy & emission intensive company, our emissions were in our focus for a long while. We plan to focus on water management in the future. As Çimsa; we are in progress of developing a Water Management policy & system. We are engaging with our stakeholders and beyond that we started to get consultancy services on Water Management. We are planning to keep on it in a broader range to establish a proper water risk& opportunity assessment, to development strategies and to integrate it to core business activities. We have 5 facilities and we planned to improve step by step with an action plan. In the long run; we also would like to include the value chain.

W6.4

How does your organization's water-related capital expenditure (CAPEX) and operating expenditure (OPEX) during the most recent reporting year compare to the previous reporting year?

Water CAPEX (+/- % change)	Water OPEX (+/- % change)	Motivation for these changes

Further Information

W.6.1-ÇİMSA Grey Water Footprint Calculation

Attachments

ÇİMSA CEMENT GREY WATER FOOTPRINT CALCULATION.pdf

Page: W7. Compliance

W7.1

Was your organization subject to any penalties, fines and/or enforcement orders for breaches of abstraction licenses, discharge consents or other water and wastewater related regulations in the reporting year?

No

Further Information

Page: W8. Targets and Initiatives

W8.1

Do you have any company wide targets (quantitative) or goals (qualitative) related to water?

Yes, targets and goals

W8.1a

Please complete the following table with information on company wide quantitative targets (ongoing or reached completion during the reporting period) and an indication of progress made

Category of target	Motivation	Description of target	Quantitative unit of measurement	Base-line year	Target year	Proportion of target achieved, % value
Improvement in monitoring of water use	Water stewardship	We start to monitor and record our water withdrawel	% sites monitoring water use	2014	2016	100%
Reduction in wastewater	Water stewardship	We start to record our employee number for every year to calculate our domestic waste water volume.	% sites monitoring water use	2014	2016	10%
Reduction in wastewater	Other: Decrease of consumption of groundwater	Reuse our treated waste water in our cooling process	% reduction of water sourced from groundwater	2014	2016	5%

W8.1b

Please describe any company wide qualitative goals (ongoing or reached completion during the reporting period) and your progress in achieving these

Goal	Motivation	Description of goal	Progress
Other: Water Management Road Map Preparation	Brand value protection	We planned to develop an action plan for Water Management ; (as a first step) our goal is to - improve the measurement online system for withdrawals , - improve company water risk & opportunity assessment system, - improve company water policy, - Aim to generalize good implementation to all of our plants.	

Further Information

Module: Linkages/Tradeoff

Page: W9. Managing trade-offs between water and other environmental issues

W9.1

Has your organization identified any linkages or trade-offs between water and other environmental issues in its value chain?

No

Further Information

Module: Sign Off

Page: Sign Off

W10.1

Please provide the following information for the person that has signed off (approved) your CDP water response

Name	Job title	Corresponding job category
Selin AYAN	Environmental Executive	Director on board

W10.2

Please select if your organization would like CDP to transfer your publicly disclosed response strategy from questions W1.4a, W3.2c and W3.2d to the CEO Water Mandate Water Action Hub.

Yes

Further Information

CDP: [X][-,-][P2]

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