ElSewedy Electric Co - Water Security 2023

W0. Introduction

W0.1

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

Elsewedy Electric is a leading corporate entity in the MENA region, and a global provider of energy, digital and infrastructure solutions. As of 2022, our total corporate revenues was EGP 92,168 Million with a 52.2% y-o-y., employing over 17,000 people worldwide. Our company has been listed on the Cairo stock exchange since 2006 and we operate in five primary business sectors: Wire & Cable, Electrical Products, Engineering & Construction, Smart Infrastructure and Infrastructure Investments. At the core of our business approach is an integrated Engineering, Procurement & Construction (EPC) service that allows us to efficiently manage and execute the most complex projects, ensuring timely delivery and adherence to budget constraints. As pioneers in the field of energy management and efficiency, we are fully committed to sustainability and have implemented numerous green energy and smart metering projects throughout Africa, the Middle East and Eastern Europe.

As an organization, Elsewedy Electric recognizes the importance of sustainability across all aspects. Our primary focus is making a meaningful impact in the communities we serve by delivering clean energy, reducing the environmental impact and investing in education and well-being. To achieve this, we have established a set of commitments shared with our stakeholders through a variety of channels, including our Sustainability Reports and non-financial disclosures such as S&P's Corporate Sustainability Assessment and CDP's Water Security and Climate Change disclosures.

In 2022, our commitment to environmental responsibility remains steadfast, where we have continued our efforts in alignment with our Sustainability Strategy 2020-2023, which aims to fulfill our broader strategic vision and long-term commitments, distilled across four main pillars: *Planet & Resources*; *Technology & Innovation*; *Governance & Economy*; and *People & Communities*.

We have further worked on conducting a comprehensive group wide GHG assessment of the operations of FY2022. Another project that has been major for us in 2022, is the Environmental Product Declaration (EPDs) based on One Click LCA Software for our cable products, Low Voltage Three-Core Electricity Distribution Cable for 0.6/1 kV (https://manage.epdhub.com/?epd=HUB-0347). Another recognition in 2022, is the EcoVadis 2022 where Elsewedy Electric renewed from a bronze to a silver medal. In addition, the Group achieved higher scores on the environment, ethics and sustainable procurement. We also participated in WETEX & Dubai Solar Show 2022 and COP27 to showcase sustainable projects and innovative solutions.

We have recently updated our group's policies to extend contributions to sustainability, in addition to publishing our Water and Climate Policies. For the third year we are disclosing for CDP's Climate Change Questionnaire and the Water Security Questionnaire for the second time. Our target is to include 100% of our operational boundaries, enhance our quantitative data through establishing a corporate-wide Environmental and Social Management System across all business lines worldwide to ensure all required E&S requirements and KPIs are periodically measured, monitored, and analyzed.

This year we expanded our boundaries to include additional facilities and activities, such as imports and raw materials into the assessment to include a **total of 22 facilities** operated by Elsewedy Electric, **where 4 facilities are newly added this year** as first year of disclosure. The facilities covered are as follows:

1) Egyplast (Egypt)

2) United Steel Wires (USW) - (Egypt)

3) Iskraemeco (Egypt)

4) United Industries Company (UIC) (Egypt)

5) Elsewedy Transformers (Egypt)

6) Egytech Cables (Egypt)

7) Iskraemeco (Slovenia)

8) United Metal (Egypt)

9,10) SEDCO, ELASTIMOLD (Egypt)

11) ECMEI (Egypt)

12) GIAD Elsewedy (Sudan)

13) Yanbu Al-Sinaiyah (Saudi Arabia)

14) Elsewedy Cables (Algeria)

15) Elsewedy Cables (Ethiopia)

16) Doha Cables (Qatar)

17) Iskraemeco (Bosnia)

18) Elsewedy Electric Infrastructure (Egypt)

19) Transformers (Pakistan)

20) SEDCO Petroleum (Egypt)

21) Transformers (Indonesia)

22) Transformers (Zambia)

Our latest GRI Sustainability Report 2021: https://www.elsewedyelectric.com/media/4867/elsewedy-electric-sustainability-report-2021.pdf

(**2022 Sustainability Report** is expected to be published by the end of 2023.)

Further information:

Website: https://www.elsewedyelectric.com/en/home/

Group Sustainability website section: https://www.elsewedyelectric.com/en/sustainability/

Policies and Strategy:

Water Policy: https://www.elsewedyelectric.com/media/4234/elsewedy-group-water-policy-aug21.pdf

Climate Policy: https://www.elsewedyelectric.com/media/4235/elsewedy-group-climate-policy-aug21.pdf

Group Environmental Policy: https://www.elsewedyelectric.com/media/4552/elsewedy-group-environmental-policy-2022.pdf

Sustainability Strategy 2020-2023: https://www.elsewedyelectric.com/media/4277/elsewedy-electric-sustainability-strategy-2020-2023.pdf

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.

Algeria
Bosnia & Herzegovina
Egypt
Ethiopia
Indonesia
Pakistan
Qatar
Saudi Arabia
Slovenia
Sudan
Zambia

W0.4

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

EGP

W0.5

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

Companies, entities or groups over which operational control is exercised

W0.6

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

No

W0.7

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

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

W1. Current state

W1.1

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

	Direct use importance rating	Indirect use importance rating	Please explain
Sufficient amounts of good quality freshwater available for use	Neutral	Important	(1) Direct use: Fresh water consumption is not deemed of significant importance due to the nature of our operations, which are not water intensive, where water is used mainly in a close-loop refrigeration circuit, and for washing purposes, and therefore ranked as "neutral". We also do not consider quality as a key parameter in our production processes. At Elsewedy Electric's reported facilities, good quality fresh water is mainly used for employee usage. Thus, justifying its rating as "neutral." (2) Indirect use in the value chain: Elsewedy Electric specializes in providing a comprehensive range of electrical solutions, such as wiring and cables, which do not necessitate freshwater usage in their end customer applications. Consequently, the indirect use of freshwater holds minimal significance for our day-to-day operations. However, further upstream in our value chain, as a substantial purchaser of materials utilized in the manufacturing process, water is a critical component for our suppliers. In this context, a shortage of freshwater could substantially impact our indirect operations, thus justifying its rating as "important." (3) Future water dependency: Looking ahead, we do not foresee major process, raw material, or product changes, and as a result, we anticipate that the direct and indirect water dependency and importance rating will remain stable.
Sufficient amounts of recycled, brackish and/or produced water available for use	Important	Important	(1) Direct use: Currently, we do not employ recycled, brackish, or produced water in our operations. However, we have strategically planned to enhance our water conservation efforts. Specifically, we are diligently working on implementing wastewater treatment systems at multiple production facilities in Egypt. The objective is to treat wastewater to a high standard, making it suitable for reuse in the industrial process and in landscape irrigation, and therefore ranked as "important". (2) Indirect use in the value chain: The utilization of recycled/brackish water throughout our supply chain is important for continuity of supply, especially in water scare regions. Thus, justifying the rating "important" (3) Future water dependency: Looking ahead, we do not foresee major process, raw material, or product changes, and as a result, we anticipate that the direct and indirect water dependency and importance rating will remain stable.

W1.2

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

	% of sites/facilities/operations	Frequency of measurement	Method of measurement	Please explain
Water withdrawals – total volumes	100%	Continuously	Through water meters and water bills on a monthly basis.	Water withdrawals (total volumes) is monitored in 100% of our operation facilities through water meters on a daily/monthly basis and water bills on a monthly basis. At Elsewedy Electric, we have implemented a proactive approach to water management by encouraging our operation facilities to record their water withdrawal information monthly to our internal database management system. By monitoring water consumption across different facilities, we can identify areas of ineffective water use and uncover opportunities for water reduction. Furthermore, we are actively working on developing an integrated ESG data collection system. This initiative is designed to enhance the quality and reliability of the data we collect. By having a comprehensive and reliable data collection system in place, we can make more informed decisions and drive continuous improvement in our water management efforts.
Water withdrawals – volumes by source	51-75	Monthly	Through water meters and water bills on a monthly basis.	At Elsewedy Electric factories in Egypt (which represent 54% of total reported factories in 2022), we source our water for production plants from municipal water supply systems, which is mainly taken from the Nile River - a freshwater source. To ensure responsible water management, we encourage our operational facilities to upload their water information monthly onto our database management system. We have not yet reported on the sources of water withdrawal in other countries where we operate. However, we are actively planning to monitor and report on these sources in the coming years. Furthermore, we are actively working on developing an integrated ESG data collection system. This initiative is designed to enhance the quality and reliability of the data we collect. By having a comprehensive and reliable data collection system in place, we can make more informed decisions and drive continuous improvement in our water management efforts.
Entrained water associated with your metals & mining and/or coal sector activities - total volumes [only metals and mining and coal sectors]	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Produced water associated with your oil & gas sector activities - total volumes [only oil and gas sector]	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Water withdrawals quality	Not relevant	<Not Applicable>	<Not Applicable>	Monitoring of water withdrawals quality is done at specific sites in case it is relevant and needed for certain operations. However, in general water withdrawals quality is not a significant parameter in our production processes; hence, it is not relevant to our operations.
Water discharges – total volumes	100%	Continuously	Water discharge volumes are estimated at 90% of total withdrawal volumes.	Water discharge volumes are estimated at 90% of total withdrawal volumes.
Water discharges – volumes by destination	Not monitored	<Not Applicable>	<Not Applicable>	All discharges from Elsewedy Electric's production plants are properly treated and discharged to the public sewage system, according to the local regulatory requirements.
Water discharges – volumes by treatment method	Not monitored	<Not Applicable>	<Not Applicable>	All discharges from Elsewedy Electric's production plants are properly treated and discharged to the public sewage system, according to the local regulatory requirements.
Water discharge quality – by standard effluent parameters	100%	Other, please specify (Periodically)	Water discharge quality is monitored periodically as required by the Ministry of Environment. Water discharge quality is measured in our internal laboratories or by third-party, if needed.	All facilities monitor the water discharge quality by standard effluent parameters, as per the local regulatory requirements. We will also conduct a group-wide audit regarding the storage and handling of hazardous materials and waste, including the risks of water and soil contamination by 2023.
Water discharge quality – emissions to water (nitrates, phosphates, pesticides, and/or other priority substances)	Not monitored	<Not Applicable>	<Not Applicable>	All facilities monitor the water discharge quality by standard effluent parameters, as per the local regulatory requirements. We will also conduct a group-wide audit regarding the storage and handling of hazardous materials and waste, including the risks of water and soil contamination by 2023.
Water discharge quality – temperature	100%	Other, please specify (Periodically)	Water discharge quality is monitored periodically as required by the Ministry of Environment. Water discharge quality is measured by our internal laboratories.	All facilities monitor the water discharge quality including temperature, as per the local regulatory requirements.
Water consumption – total volume	100%	Continuously	On a monthly basis, the water consumption is determined by subtracting the total discharge from the total withdrawals: Water Consumption = Total withdrawals - Total discharge.	Water consumption volumes are calculated by subtracting water discharge volumes from the total water withdrawal volumes.
Water recycled/reused	Not relevant	<Not Applicable>	<Not Applicable>	None of our reported facilities consume recycled or reused water.
The provision of fully-functioning, safely managed WASH services to all workers	100%	Other, please specify (Periodically)	The provision of WASH services is monitored by our Health and Safety department (HSE)	All facilities operated and managed by Elsewedy Electric provide access to safe and fully functioning WASH services to all workers. Our new group Water Policy mandates the provision of complete safe WASH services to all Group workers within communities where we operate, including embedded requirements for compliance to the WASH Pledge into the supplier criteria recognizing the human right to water and sanitation.

W1.2b

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

	Volume (megaliters/year)	Comparison with previous reporting year	Primary reason for comparison with previous reporting year	Five-year forecast	Primary reason for forecast	Please explain
Total withdrawals	994.72	Higher	Other, please specify (Increase in reporting boundary, in addition to the enhanced data management and recording system.)	Lower	Increase/decrease in efficiency	The reported value represents the total amount of water withdrawals by the 22 facilities that were included in our assessment this year. This explains why there is an increase in the total volume of water withdrawals compared to last year's assessment, which only included 18 facilities. Additionally, the increase can also be attributed to our enhanced data management and recording system, which has allowed us to collect more comprehensive and accurate data on our water usage. The total volume of water withdrawals for the current reporting period is 994.72 megaliters/year, representing a 12% increase from the previous reporting year's volume of 881.76 megaliters/year. Based on our thresholds, this increase is classified as "Higher" when compared to the previous reporting year. Our thresholds for comparison are as follows: Much lower: -20%, Lower: -19% to -11%, About the same: +/-10%, Higher: 11% to 19%, Much Higher: 20%. The reduction in water consumption projected in the 5-year forecast is based on the fact that we are developing a comprehensive water action plan that is scheduled for completion by 2023. This plan includes several water savings and recycling projects that will help us reduce our overall water consumption.
Total discharges	895.25	Much higher	Change in accounting methodology	Lower	Increase/decrease in efficiency	The reported total discharges value represents the estimated amount of water discharged by the 22 production facilities included in this year's assessment. It is estimated that the total discharge accounts for approximately 90% of the total water withdrawn by these facilities. The volume of water discharged in 2021 was 705.41 megaliters/year, representing a 27% increase in the current reporting period. This increase can be partially attributed to the increase in the number of facilities from 18 in the previous year to 22 in the current year. Additionally, a slight modification to our calculations methodology was made as we increased the estimated percentage of water discharge to 90% instead of 80%, to ensure that we are not underestimating our discharge volumes. Based on our thresholds for comparison, the increase in the volume of water discharged is classified as "Much Higher" when compared to the previous reporting year. Our thresholds for comparison are as follows: Much lower: -20%, Lower: -19% to -11%, About the same: +/-10%, Higher: 11% to 19%, Much Higher: 20%. The reduction in water discharge volume projected in the 5-year forecast is attributed to the implementation of a comprehensive water action plan scheduled for completion by 2023, which will include several water savings and water recycling projects.
Total consumption	99.47	Much lower	Change in accounting methodology	Lower	Increase/decrease in efficiency	The reported total consumption value corresponds to the amount of water consumed by the 22 production facilities included in the report. The water consumption in 2022 is calculated as 994.72-895.25= 99.47 megaliters/year. The total water consumption in 2021 was 176.35 megaliters/year, representing a decrease of 43.6% in the current reporting period. The main reason for this decrease is a change in our calculations methodology. We increased the estimated percentage of water discharge from 80% to 90% to ensure that our water discharge volumes are not underestimated. Based on our thresholds for comparison, the decrease in total water consumption is classified as "Much Lower" when compared to the previous reporting year. Our thresholds for comparison are as follows: Much lower: -20%, Lower: -19% to -11%, About the same: +/-10%, Higher: 11% to 19%, Much Higher: 20%. The reduction in total water consumption projected in the 5-year forecast is attributed to the implementation of a comprehensive water action plan scheduled for completion by 2023, which will include several water savings and water recycling projects.

W1.2d

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

	Withdrawals are from areas with water stress	% withdrawn from areas with water stress	Comparison with previous reporting year	Primary reason for comparison with previous reporting year	Five-year forecast	Primary reason for forecast	Identification tool	Please explain
Row 1	Yes	100%	Higher	Other, please specify (Increase in reporting boundary, in addition to enhanced data management and recording system.)	Higher	Other, please specify (Increase in reporting boundary, in addition to enhanced data management and recording system.)	WRI Aqueduct	WRI Aqueduct was applied to evaluate whether the water has been withdrawn from stressed areas. We entered the location of all our reported facilities in the WRI Aqueduct 3.0 water risk assessment tool. We found that water is withdrawn from areas of arid and low water use; low <10%, low-medium (10-20%), medium-high (20-40%), high (40-80%), and extremely high (>80%). From the evaluated locations: - 1 facility is exposed to extremely-high water stress - The majority of the reported facilities, specifically 14 out of the 22 facilities are exposed to high water stress - 1 facility is exposed to medium-high water stress - 2 facilities are exposed to low-medium water stress - 2 facilities are exposed to low-water stress - 2 facilities are exposed to arid and low water use stress As such, in 2022, we concluded that some of our facilities that consume the largest percentage of water are located in water stressed regions. The forecasted amount of water withdrawn from areas of stress are expected to increase due to the expected increase in our reporting boundaries in the upcoming years. There were 4 more facilities added in 2022, compared to the previous reporting year. And that explains the higher amount of countries in 2022 with water sourced from stress areas, since it included 1 country in an extremely high stress area, 1 exposed to high-water stress, and 2 countries exposed to low water stress.

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	994.72	Higher	Other, please specify (Increase in reporting boundary, in addition to enhanced data management and recording system.)	The reported value represent the total amount of water withdrawals by the 22 reported facilities this year, and that explains why there's an increase in numbers compared to last year which included only 18 facilities. The volume of water in 2021 was 881.76 megaliters/year. Hence representing an increase of 12% in this reporting period. Thus, comparison with the previous reporting year is selected as “Higher” according to our thresholds as given below. Threshold: Much lower: -20% Lower: -19% to -11% About the same: +/-10% Higher: 11% to 19% Much Higher: 20%. To ensure accurate comparison, the volume of water recorded in 2022 for the same factories accounted to a total of 971.34 megaliters/year, which is an increase of only 10%. The reduction in water consumption projected in the 5-year forecast is attributed to the implementation of a comprehensive water action plan scheduled for completion by 2023.
Brackish surface water/Seawater	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	
Groundwater – renewable	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	
Groundwater – non-renewable	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	
Produced/Entrained water	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	
Third party sources	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	

W1.3

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

	Revenue	Total water withdrawal volume (megaliters)	Total water withdrawal efficiency	Anticipated forward trend
Row 1	37571664870	994.72		We aim to increase revenue while simultaneously reducing water withdrawal volume. As a result, we anticipate an increase in the future trend of this figure.

W1.4

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

	Products contain hazardous substances	Comment
Row 1	Yes	<Not Applicable>

W1.4a

(W1.4a) What percentage of your company's revenue is associated with products containing substances classified as hazardous by a regulatory authority?

Regulatory classification of hazardous substances	% of revenue associated with products containing substances in this list	Please explain
Annex XVII of EU REACH Regulation	Don't know	Elsewedy Electric supplies materials in accordance with the RoHS and REACH regulations. The RoHS directive focuses on limiting the presence of specific hazardous substances, such as lead, mercury, cadmium, and certain flame retardants, in electrical and electronic equipment. By complying with RoHS regulations, Elsewedy Electric ensures that its supplied materials meet the required standards for environmental protection and human health. The REACH regulation, on the other hand, addresses the safe use and handling of chemicals in various products and industries. It aims to identify and assess the potential risks associated with chemical substances and promote their safe use throughout the supply chain. By complying with REACH requirements, Elsewedy Electric ensures that the chemicals used in its supplied materials are registered, evaluated, and authorized, taking necessary precautions to protect human health and the environment.

W1.5

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

	Engagement	Primary reason for no engagement	Please explain
Suppliers	Yes	<Not Applicable>	<Not Applicable>
Other value chain partners (e.g., customers)	Yes	<Not Applicable>	<Not Applicable>

W1.5a

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

Row 1

Assessment of supplier impact

No, we do not currently assess the impact of our suppliers, but we plan to do so within the next two years

Considered in assessment

<Not Applicable>

Number of suppliers identified as having a substantive impact

<Not Applicable>

% of total suppliers identified as having a substantive impact

<Not Applicable>

Please explain

W1.5b

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

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

W1.5c

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

Water-related requirement
Complying with going beyond water-related regulatory requirements

% of suppliers with a substantive impact required to comply with this water-related requirement
<Not Applicable>

% of suppliers with a substantive impact in compliance with this water-related requirement
<Not Applicable>

Mechanisms for monitoring compliance with this water-related requirement
Grievance mechanism/Whistleblowing hotline

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

Comment
Elsewedy Electric is committed to upholding ethical standards and sustainability practices not only within its own operations but also throughout its supply chain. To ensure that its suppliers share this commitment, the company has established a dedicated Business Partner Code of Conduct that all suppliers are required to adhere to. This code of conduct outlines the expectations and standards that suppliers must meet, including but not limited to, environmental regulations.

In addition to the Code of Conduct, we are working on implementing a standardized process throughout all our companies for screening suppliers for environmental, health and safety, and social sustainability aspects as the starting point towards developing broader ESG criteria following good international best practices and international requirements. In 2022, only Iskraemeco Slovenia started the screening process and we are aiming to generalize this process for all of our companies in the upcoming years.

W1.5d

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

Type of engagement
Incentivization

Details of engagement
Incentivize demonstrable progress against targets on water withdrawals in your supplier relationship management

% of suppliers by number
Less than 1%

% of suppliers with a substantive impact
<Not Applicable>

Rationale for your engagement
Through a collaborative partnership with the European Bank for Reconstruction and Development (EBRD), we have carefully chosen six of our suppliers to participate in a joint effort to address climate and water-related concerns. This initiative primarily centers on conducting energy audits for the selected suppliers, alongside developing comprehensive climate action plans aimed at mitigating their carbon emissions.

As part of these action plans, water efficiency projects have been included to effectively reduce their water withdrawal volumes.

Impact of the engagement and measures of success
The positive impact of our engagement with the selected suppliers is evident through the heightened awareness and understanding of climate and water-related issues.

To measure the success of these endeavors, we will closely monitor key metrics, such as carbon emissions and water withdrawal volumes. These quantitative measures will serve as indicators of the progress made in reducing environmental impacts and enhancing resource efficiency.

Comment

W1.5e

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

Type of stakeholder
Investors & shareholders

Type of engagement
Education / information sharing

Details of engagement
Share information about your products and relevant certification schemes

Rationale for your engagement
We are in the process of completing our Environmental Product Declarations (EPDs), which are scheduled to be published in the first quarter of 2023. The purpose of seeking EPD-registration is to showcase the Life Cycle Assessment (LCA) of our products and their environmental impacts. By obtaining EPDs, we gain access to various export markets where environmental awareness holds significant importance. This certification will enhance our credibility among environmentally conscious consumers and businesses, enabling us to tap into new opportunities and expand our market presence.

The EPD comprises core environmental impact indicators aligned with EN 15804+A2 and PEF (Product Environmental Footprint). These indicators encompass the use of natural resources, end-of-life waste, and end-of-life output flows, providing a comprehensive assessment of our product's environmental performance. Moreover, the EPD assesses environmental impacts in accordance with EN 15804+A1 and CML / ISO 21930, ensuring a thorough evaluation of the product's lifecycle and its effects on the environment.

Impact of the engagement and measures of success
Over the next two years, we will be reporting on various indicators of success after publishing the EPDs.
One such measure involves evaluating the impact on new market opportunities and partnerships resulting from the EPDs. This can be gauged by monitoring the exports volume as a key metric.

Type of stakeholder
Investors & shareholders

Type of engagement
Education / information sharing

Details of engagement
Educate and work with stakeholders on understanding and measuring exposure to water-related risks
Run an engagement campaign to educate stakeholders about your water-related performance and strategy

Rationale for your engagement
Elsewedy Electric sponsored Water Day event at the Intercontinental Hotel in Lusaka, in collaboration with Iskraemeco, the Ministry of Water of Zambia, and the Lusaka Water and Sewerage Company. The agenda included addressing key solutions in the water sector, particularly pumping optimization, leak management, and billing systems. Attendees included 22 executives from all water utilities companies in Zambia, which reflects the event's significance and the interest it generated, and the event facilitated knowledge exchange, networking, and discussions towards sustainable water management practices.

Elsewedy Electric Infrastructure, a subsidiary of Elsewedy Electric, has sponsored the "International Water Consultants Congress" and presented a case study on industrial wastewater treatment and reuse through a near-zero liquid discharge system. This innovative system has been successfully implemented in one of the company's 2022 projects at the New Capital Power Plant 4800MW. The congress was attended by esteemed individuals, including Deputy Minister of Housing, Utilities and Urban Communities for Infrastructure, and Chairman of the National Organization for Potable Water and Sanitary Drainage (NOPWASD), among others from the wastewater field.

Impact of the engagement and measures of success
Increased awareness of water-related issues

W2. Business impacts

W2.1

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

W2.2

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

	Water-related regulatory violations	Fines, enforcement orders, and/or other penalties	Comment
Row 1	No	<Not Applicable>	

W3. Procedures

W3.1

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

	Identification and classification of potential water pollutants	How potential water pollutants are identified and classified	Please explain
Row 1	Yes, we identify and classify our potential water pollutants	At Elsewedy Electric, we are committed to responsible water management practices, which includes monitoring the quality of our water discharge. We conduct regular quality checks on 100% of our operational factories to ensure that the discharge meets the water regulations in each country where we operate.	<Not Applicable>

W3.1a

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

Water pollutant category
Oil

Description of water pollutant and potential impacts
Water pollution caused by oil is a significant environmental concern at Elsewedy Electric, with the potential for wide-ranging impacts on ecosystems, human health, and economic activities. Industrial activities within the company can lead to oil entering water bodies, whether through accidental spills or industrial discharges, and this can result in several detrimental effects.

Value chain stage
Direct operations

Actions and procedures to minimize adverse impacts
Implementation of integrated solid waste management systems
Reduction or phase out of hazardous substances

Please explain
Used oil is treated/recycled by qualified service providers, and hazardous waste, including industrial and medical waste, is disposed in approved landfills. Iskraemeco Egypt also has procedures (in alignment with ISO 14001:2015) for identifying, assessing, measuring, and controlling environmental aspects that determine and monitors waste hydraulic oil from machines, which is recycled through the hydraulic oil producing company. In addition, contractors remove waste on a daily basis from our factories, including oils, solid wastes, scraps, and hazardous waste.

W3.3

(W3.3) Does your organization undertake a water-related risk assessment?
No, water risks-related are not assessed

W3.3c

(W3.3c) Why does your organization not undertake a water-related risk assessment?

	Primary reason	Please explain
Row 1	We are planning to introduce a risk assessment process within the next two years	Currently, we have not conducted any water-related risk assessment; however, we are fully committed to addressing this matter within the next two years. This undertaking holds particular significance, considering the high water stress situation in Egypt, where our major operations are situated. In addition to our operations in other countries with high water stress such as Pakistan, Algeria, and Sudan. Our primary objective is to conduct a thorough assessment of water-related risks and devise effective strategies to tackle them. These strategies may encompass initiatives such as reducing water consumption, integrating water-saving technologies, and exploring alternative water sources.

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?

Any risk/impact which has the potential of disrupting production and/or preventing access to markets and/or whenever the impact will negatively affect more than 1% of net income.

W4.1b

(W4.1b) What is the total number of facilities exposed to water risks with the potential to have a substantive financial or strategic impact on your business, and what proportion of your company-wide facilities does this represent?

	Total number of facilities exposed to water risk	% company-wide facilities this represents	Comment
Row 1	22	51-75	Elsewedy Electric operates a diverse array of operations spanning various countries worldwide, encompassing factories, offices, and projects. For the purpose of this disclosure, our main focus is on our global network of factories. As of 2022, we own and manage 31 factories, of which 22 are encompassed within our reporting boundaries and situated in water stress areas. Accordingly, the percentage of company-wide facilities represented by these factories stands at 71% (51-75%).

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

Egypt	Nile

Number of facilities exposed to water risk
12

% company-wide facilities this represents
26-50

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
31-40

Comment
We own and operate 12 facilities located in Egypt and get its water supply mainly from the Nile River. The % company-wide facilities this represents is calculated as follows: Number of factories in Egypt/Total number of Elsewedy Electric factories worldwide = 12/31= 38.7%.

The % company's total global revenue that could be affected = Total revenue of factories in Egypt/ Total Elsewedy Electric revenue = 31%

Country/Area & River basin

Slovenia	Danube

Number of facilities exposed to water risk
1

% company-wide facilities this represents
1-25

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

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

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

% company's total global revenue that could be affected
Less than 1%

Comment
We own and operate 1 facility located in Slovenia and get its water supply mainly from Danube. The % company-wide facilities this represents is calculated as follows: Number of factories in Egypt/Total number of Elsewedy Electric factories worldwide = 1/31= 3.2%.

The % company's total global revenue that could be affected = Total revenue of factories in Egypt/ Total Elsewedy Electric revenue = 1%

Country/Area & River basin

Indonesia	Other, please specify (Java-Timor)

Number of facilities exposed to water risk
1

% company-wide facilities this represents
1-25

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

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

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

% company's total global revenue that could be affected
Less than 1%

Comment
We own and operate 1 facility located in Indonesia and get its water supply mainly from Java-Timor. The % company-wide facilities this represents is calculated as follows: Number of factories in Egypt/Total number of Elsewedy Electric factories worldwide = 1/31= 3.2%.

The % company's total global revenue that could be affected = Total revenue of factories in Egypt/ Total Elsewedy Electric revenue. This gives a percentage less than 1%.

Country/Area & River basin

Pakistan	Other, please specify (Arabian Sea Coast)

Number of facilities exposed to water risk
1

% company-wide facilities this represents
Less than 1%

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

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

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

% company's total global revenue that could be affected
Less than 1%

Comment
We own and operate 1 facility located in Pakistan and get its water supply mainly from the Arabian Sea Coast. The % company-wide facilities this represents is calculated as follows: Number of factories in Egypt/Total number of Elsewedy Electric factories worldwide = 1/31= 3.2%.

The % company's total global revenue that could be affected = Total revenue of factories in Egypt/ Total Elsewedy Electric revenue. This gives a percentage less than 1%.

Country/Area & River basin

Zambia	Zambezi

Number of facilities exposed to water risk
1

% company-wide facilities this represents
Less than 1%

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

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

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

% company's total global revenue that could be affected
Less than 1%

Comment
We own and operate 1 facility located in Zambia and get its water supply mainly from Zambezi. The % company-wide facilities this represents is calculated as follows: Number of factories in Egypt/Total number of Elsewedy Electric factories worldwide = 1/31= 3.2%.

The % company's total global revenue that could be affected = Total revenue of factories in Egypt/ Total Elsewedy Electric revenue. This gives a percentage less than 1%.

Country/Area & River basin

Bosnia & Herzegovina	Danube

Number of facilities exposed to water risk
1

% company-wide facilities this represents
Less than 1%

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

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

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

% company's total global revenue that could be affected
Less than 1%

Comment
We own and operate 1 facility located in Bsonia & Herzegovina and get its water supply mainly from Danubet. The % company-wide facilities this represents is calculated as follows: Number of factories in Egypt/Total number of Elsewedy Electric factories worldwide = 1/31= 3.2%.

The % company's total global revenue that could be affected = Total revenue of factories in Egypt/ Total Elsewedy Electric revenue. This gives a percentage less than 1%.

Country/Area & River basin

Ethiopia	Other, please specify (Rift Valley)

Number of facilities exposed to water risk
1

% company-wide facilities this represents
Less than 1%

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

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

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

% company's total global revenue that could be affected
Less than 1%

Comment
We own and operate 1 facility located in Ethiopia and get its water supply mainly from the Rift Valley. The % company-wide facilities this represents is calculated as follows: Number of factories in Egypt/Total number of Elsewedy Electric factories worldwide = 1/31= 3.2%.

The % company's total global revenue that could be affected = Total revenue of factories in Egypt/ Total Elsewedy Electric revenue. This gives a percentage less than 1%.

Country/Area & River basin

Sudan	Nile

Number of facilities exposed to water risk
1

% company-wide facilities this represents
Less than 1%

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

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

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

% company's total global revenue that could be affected
Less than 1%

Comment
We own and operate 1 facility located in Sudan and get its water supply mainly from the Nile % company-wide facilities this represents is calculated as follows: Number of factories in Egypt/Total number of Elsewedy Electric factories worldwide = 1/31= 3.2%.

The % company's total global revenue that could be affected = Total revenue of factories in Egypt/ Total Elsewedy Electric revenue. This gives a percentage less than 1%.

Country/Area & River basin

Algeria	Other, please specify (Mediterranean South Coast)

Number of facilities exposed to water risk
1

% company-wide facilities this represents
Less than 1%

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

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

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

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

Comment
We own and operate 1 facility located in Algeria and get its water supply mainly from the Mediterranean South Coast. The % company-wide facilities this represents is calculated as follows: Number of factories in Egypt/Total number of Elsewedy Electric factories worldwide = 1/31= 3.2%.

The % company's total global revenue that could be affected = Total revenue of factories in Egypt/ Total Elsewedy Electric revenue= 1.8%

Country/Area & River basin

Saudi Arabia	Other, please specify (Red Sea, East Coast)

Number of facilities exposed to water risk
1

% company-wide facilities this represents
Less than 1%

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

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

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

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

Comment
We own and operate 1 facility located in Saudi Arabia and get its water supply mainly from the Red Sea, East Coast. The % company-wide facilities this represents is calculated as follows: Number of factories in Egypt/Total number of Elsewedy Electric factories worldwide = 1/31= 3.2%.

The % company's total global revenue that could be affected = Total revenue of factories in Egypt/ Total Elsewedy Electric revenue = 4.5%

Country/Area & River basin

Qatar	Other, please specify (Arabian Peninsula)

Number of facilities exposed to water risk
1

% company-wide facilities this represents
Less than 1%

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

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

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

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

Comment
We own and operate 1 facility located in Qatar and get its water supply mainly from the Arabian Peninsula. The % company-wide facilities this represents is calculated as follows: Number of factories in Egypt/Total number of Elsewedy Electric factories worldwide = 1/31= 3.2%.

The % company's total global revenue that could be affected = Total revenue of factories in Egypt/ Total Elsewedy Electric revenue = 4.6%

W4.2

(W4.2) Provide details of identified risks in your direct operations with the potential to have a substantive financial or strategic impact on your business, and your response to those risks.

Country/Area & River basin

Egypt	Nile

Type of risk & Primary risk driver

Chronic physical	Water stress

Primary potential impact
Reduction or disruption in production capacity

Company-specific description
Due to the geographical locations of our factories, we are operating in areas characterized by a high water stress risk. Consequently, this presents a significant risk to our operations, necessitating diligent and effective management.

Timeframe
More than 6 years

Magnitude of potential impact
Medium-high

Likelihood
Likely

Are you able to provide a potential financial impact figure?
No, we do not have this figure

Potential financial impact figure (currency)
<Not Applicable>

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

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

Explanation of financial impact
The implications of water stress on our production capacity are significant, as we anticipate a decrease in available water resources. Consequently, this could have a direct impact on our revenues and overall business operations.

Primary response to risk
Adopt water efficiency, water reuse, recycling and conservation practices

Description of response
In response to this critical risk, our foremost focus will be on implementing proactive measures to enhance water management. This will entail adopting a comprehensive approach that includes water efficiency, water reuse, recycling, and conservation practices throughout our operations.

At present, we have set a robust target to reduce our water withdrawal by an ambitious 40% by the year 2030.

Cost of response

Explanation of cost of response
At this moment, we are unable to provide a specific cost estimation for this response.

Country/Area & River basin

Slovenia	Danube

Type of risk & Primary risk driver

Chronic physical	Water stress

Primary potential impact
Reduction or disruption in production capacity

Company-specific description
Due to the geographical location of our factory, we are operating in an area characterized by a low-medium water stress risk. However it has a low-medium risk, diligent and effective management is still needed.

Timeframe
More than 6 years

Magnitude of potential impact
Medium-low

Likelihood
More likely than not

Are you able to provide a potential financial impact figure?
No, we do not have this figure

Potential financial impact figure (currency)
<Not Applicable>

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

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

Explanation of financial impact
The implications of water stress on our production capacity are significant, as we anticipate a decrease in available water resources. Consequently, this could have a direct impact on our revenues and overall business operations.

Primary response to risk
Adopt water efficiency, water reuse, recycling and conservation practices

Description of response
In response to this critical risk, our foremost focus will be on implementing proactive measures to enhance water management. This will entail adopting a comprehensive approach that includes water efficiency, water reuse, recycling, and conservation practices throughout our operations.

At present, we have set a robust target to reduce our water withdrawal by an ambitious 40% by the year 2030.

Cost of response

Explanation of cost of response
At this moment, we are unable to provide a specific cost estimation for this response.

Country/Area & River basin

Pakistan	Other, please specify (Arabian Sea Coast)

Type of risk & Primary risk driver

Chronic physical	Water stress

Primary potential impact
Reduction or disruption in production capacity

Company-specific description
Due to the geographical location of our factory, we are operating in an area characterized by an extremely high water stress risk. Consequently, this presents a significant risk to our operations, necessitating diligent and effective management.

Timeframe
More than 6 years

Magnitude of potential impact
High

Likelihood
Likely

Are you able to provide a potential financial impact figure?
No, we do not have this figure

Potential financial impact figure (currency)
<Not Applicable>

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

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

Explanation of financial impact
The implications of water stress on our production capacity are significant, as we anticipate a decrease in available water resources. Consequently, this could have a direct impact on our revenues and overall business operations.

Primary response to risk
Adopt water efficiency, water reuse, recycling and conservation practices

Description of response
In response to this critical risk, our foremost focus will be on implementing proactive measures to enhance water management. This will entail adopting a comprehensive approach that includes water efficiency, water reuse, recycling, and conservation practices throughout our operations.

At present, we have set a robust target to reduce our water withdrawal by an ambitious 40% by the year 2030.

Cost of response

Explanation of cost of response
At this moment, we are unable to provide a specific cost estimation for this response.

Country/Area & River basin

Bosnia & Herzegovina	Danube

Type of risk & Primary risk driver

Chronic physical	Water stress

Primary potential impact
Reduction or disruption in production capacity

Company-specific description
Due to the geographical location of our factory, we are operating in an area characterized by a medium-high water stress risk. Consequently, this presents a significant risk to our operations, necessitating diligent and effective management.

Timeframe
More than 6 years

Magnitude of potential impact
Medium-high

Likelihood
Likely

Are you able to provide a potential financial impact figure?
No, we do not have this figure

Potential financial impact figure (currency)
<Not Applicable>

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

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

Explanation of financial impact
The implications of water stress on our production capacity are significant, as we anticipate a decrease in available water resources. Consequently, this could have a direct impact on our revenues and overall business operations.

Primary response to risk
Adopt water efficiency, water reuse, recycling and conservation practices

Description of response
In response to this critical risk, our foremost focus will be on implementing proactive measures to enhance water management. This will entail adopting a comprehensive approach that includes water efficiency, water reuse, recycling, and conservation practices throughout our operations.

At present, we have set a robust target to reduce our water withdrawal by an ambitious 40% by the year 2030.

Cost of response

Explanation of cost of response
At this moment, we are unable to provide a specific cost estimation for this response.

Country/Area & River basin

Ethiopia	Other, please specify (Rift Valley)

Type of risk & Primary risk driver

Chronic physical	Water stress

Primary potential impact
Reduction or disruption in production capacity

Company-specific description
Due to the geographical location of our factory, we are operating in an area characterized by a low-medium water stress risk. However it has a low-medium risk, diligent and effective management is still needed.

Timeframe
More than 6 years

Magnitude of potential impact
Medium-low

Likelihood
More likely than not

Are you able to provide a potential financial impact figure?
No, we do not have this figure

Potential financial impact figure (currency)
<Not Applicable>

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

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

Explanation of financial impact
The implications of water stress on our production capacity are significant, as we anticipate a decrease in available water resources. Consequently, this could have a direct impact on our revenues and overall business operations.

Primary response to risk
Adopt water efficiency, water reuse, recycling and conservation practices

Description of response
In response to this critical risk, our foremost focus will be on implementing proactive measures to enhance water management. This will entail adopting a comprehensive approach that includes water efficiency, water reuse, recycling, and conservation practices throughout our operations.

At present, we have set a robust target to reduce our water withdrawal by an ambitious 40% by the year 2030.

Cost of response

Explanation of cost of response
At this moment, we are unable to provide a specific cost estimation for this response.

Country/Area & River basin

Sudan	Nile

Type of risk & Primary risk driver

Chronic physical	Water stress

Primary potential impact
Reduction or disruption in production capacity

Company-specific description
Due to the geographical location of our factory, we are operating in an area characterized by a high water stress risk. Consequently, this presents a significant risk to our operations, necessitating diligent and effective management.

Timeframe
More than 6 years

Magnitude of potential impact
Medium-high

Likelihood
Likely

Are you able to provide a potential financial impact figure?
No, we do not have this figure

Potential financial impact figure (currency)
<Not Applicable>

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

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

Explanation of financial impact
The implications of water stress on our production capacity are significant, as we anticipate a decrease in available water resources. Consequently, this could have a direct impact on our revenues and overall business operations.

Primary response to risk
Adopt water efficiency, water reuse, recycling and conservation practices

Description of response
In response to this critical risk, our foremost focus will be on implementing proactive measures to enhance water management. This will entail adopting a comprehensive approach that includes water efficiency, water reuse, recycling, and conservation practices throughout our operations.

At present, we have set a robust target to reduce our water withdrawal by an ambitious 40% by the year 2030.

Cost of response

Explanation of cost of response
At this moment, we are unable to provide a specific cost estimation for this response.

Country/Area & River basin

Algeria	Other, please specify (Mediteranean South Coast)

Type of risk & Primary risk driver

Chronic physical	Water stress

Primary potential impact
Reduction or disruption in production capacity

Company-specific description
Due to the geographical location of our factory, we are operating in an area characterized by a high water stress risk. Consequently, this presents a significant risk to our operations, necessitating diligent and effective management.

Timeframe
More than 6 years

Magnitude of potential impact
Medium-high

Likelihood
Likely

Are you able to provide a potential financial impact figure?
No, we do not have this figure

Potential financial impact figure (currency)
<Not Applicable>

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

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

Explanation of financial impact
The implications of water stress on our production capacity are significant, as we anticipate a decrease in available water resources. Consequently, this could have a direct impact on our revenues and overall business operations.

Primary response to risk
Adopt water efficiency, water reuse, recycling and conservation practices

Description of response
In response to this critical risk, our foremost focus will be on implementing proactive measures to enhance water management. This will entail adopting a comprehensive approach that includes water efficiency, water reuse, recycling, and conservation practices throughout our operations.

At present, we have set a robust target to reduce our water withdrawal by an ambitious 40% by the year 2030.

Cost of response

Explanation of cost of response
At this moment, we are unable to provide a specific cost estimation for this response.

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	Not yet evaluated	We still haven't evaluated the water-related risks beyond our direct operations for our supply chain. We are aware that there most likely are risks related to water beyond our operation that we are planning to assess in the upcoming years.

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
Efficiency

Primary water-related opportunity
Improved water efficiency in operations

Company-specific description & strategy to realize opportunity
The growing global focus on sustainability and environmental awareness, alongside advancements in IoT and connectivity technology, presented a compelling opportunity for ElSewedy Electric to seize the potential of smart water meters. Recognizing the increasing demand for water conservation solutions and the need for efficient water resource management, ElSewedy Electric harnessed its expertise in the electrical and power sector to capitalize on this emerging market. By embracing the development and implementation of smart water meters, ElSewedy Electric positioned itself as a leading player in the water management industry. The company leveraged its technological capabilities and resources to design and produce innovative smart water metering solutions that provided real-time data and insights to both utilities and consumers. ElSewedy Electric's involvement in smart water meters allowed the company to diversify its product offerings and tap into new market opportunities. The integration of advanced IoT technology into their smart water metering solutions showcased their commitment to sustainable development and environmental responsibility, which resonated with customers seeking environmentally conscious products. Furthermore, by actively participating in the deployment of smart water meters, ElSewedy Electric strengthened its position as a reliable partner for utilities and governments aiming to enhance water management practices. Their smart water metering solutions

facilitated efficient water usage, reduced wastage, and contributed to achieving the broader goals of water conservation and resource optimization. Seizing the opportunity to be at the forefront of the smart water metering industry, ElSewedy Electric demonstrated its adaptability and forward-thinking approach. By investing in research and development and collaborating with stakeholders, the company showcased its commitment to technological innovation and its readiness to meet the evolving needs of the water management sector.

Estimated timeframe for realization
1 to 3 years

Magnitude of potential financial impact
Unknown

Are you able to provide a potential financial impact figure?
No, we do not have this figure

Potential financial impact figure (currency)
<Not Applicable>

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

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

Explanation of financial impact

Type of opportunity
Products and services

Primary water-related opportunity
Sales of new products/services

Company-specific description & strategy to realize opportunity
The Presidential directives to expand exploration in industry localization, particularly within the context of infrastructure projects, present a significant opportunity for Elsewedy Electric. As a leading company in the electrical and power sector, Elsewedy Electric is uniquely positioned to capitalize on this opportunity and play a pivotal role in the nation's journey towards self-reliance and sustainable development. By localizing the production of center irrigation pivots, Elsewedy Electric can align with the government's vision, strengthen its market presence, expand its product offerings, and contribute to the region's environmental and economic sustainability, while reducing carbon emissions associated with transportation and promoting responsible resource management. With a shorter supply chain and reduced lead times, the company can respond more quickly to market demands and tailor its products to the specific needs of the local agricultural sector. Accordingly, Center Irrigation Pivots are manufactured in Egypt for the first time in the giant factory set up in Ain El-Sokhna as a result of cooperation between the National Service Projects Organization (NSPO) and Elsewedy Electric. Applying some of the most advanced irrigation techniques in the world, the produced pivots have been made with at least 80% local components for the first time. The factory has successfully supplied 10 units at the East Owayenat project, part of Toshka El Kheir project, with an ambitious national plan to reclaim 2 million acres to help secure the food commodity in Egypt. Elsewedy Electric has been awarded an order to supply and install 1000 units of Center Irrigation pivots locally made for the first time in Egypt. 2,500 units by 2023 will be supplied for Toshka and New Delta reclamation projects. The giant project has created great momentum in the local industrial sector as more than 19 feeder industries for the project have flourished.

Estimated timeframe for realization
1 to 3 years

Magnitude of potential financial impact
Unknown

Are you able to provide a potential financial impact figure?
No, we do not have this figure

Potential financial impact figure (currency)
<Not Applicable>

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

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

Explanation of financial impact

Type of opportunity
Markets

Primary water-related opportunity
Increased brand value

Company-specific description & strategy to realize opportunity
In alignment with the national agenda to enhance agricultural productivity and land reclamation. ElSewedy Electric partnered with the Ministry of Water Resources and Irrigation and the Egyptian Armed Forces Engineering Authority to revolutionize agricultural wastewater treatment, Bahr Al Baqar which is registered at the Guinness World Records as the world's largest, given its capacity, which is 6.6 million cubic meters a day. The Al Hammam Pumping Station 4, located in the Al-Hammam City within the Dabaa Corridor, is part of a grand initiative to reclaim 362,000 feddans of land south of the Dabaa Axis. The pumping station's primary objective is to serve Bahr Al Baqar's wastewater treatment plant. The company's expertise and commitment to quality have been acknowledged by key stakeholders, including the Ministry, which expressed high appreciation for the quality of work delivered. The Al Hammam Pumping Station 4 is significant key project for Elsewedy Environmental Solutions, it acts as a milestone within the roadmap of projects that the company's portfolio encompasses. It reflects our commitment to sustainable development and environmental stewardship. With the pumping station's advanced infrastructure, capacity, and comprehensive scope of work, its poised to revolutionize agricultural wastewater treatment in Egypt. Our involvement in this groundbreaking project supports our dedication to driving positive change and expertise in delivering complex infrastructure solutions. The pumping station is scheduled for completion within nine months, which is a challenging target yet Elsewedy's dedication to delivering projects efficiently will surely surpass it and we'll finalize on time.

Estimated timeframe for realization
Current - up to 1 year

Magnitude of potential financial impact

Unknown

Are you able to provide a potential financial impact figure?
No, we do not have this figure

Potential financial impact figure (currency)
<Not Applicable>

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

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

Explanation of financial impact

W5. Facility-level water accounting

W5.1

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

Facility reference number
Facility 1

Facility name (optional)
Egytech

Country/Area & River basin

Egypt	Nile

Latitude
30.268684

Longitude
31.768815

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)
39.74

Comparison of total withdrawals with previous reporting year
About the same

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes
39.74

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
0

Total water discharges at this facility (megaliters/year)
35.77

Comparison of total discharges with previous reporting year
About the same

Discharges to fresh surface water
35.77

Discharges to brackish surface water/seawater
0

Discharges to groundwater

0

Discharges to third party destinations
0

Total water consumption at this facility (megaliters/year)
3.97

Comparison of total consumption with previous reporting year
About the same

Please explain

Facility reference number
Facility 2

Facility name (optional)
Iskraemeco Egypt

Country/Area & River basin

Egypt	Nile

Latitude
30.223763

Longitude
31.703883

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)
35.53

Comparison of total withdrawals with previous reporting year
Lower

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes
35.53

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
0

Total water discharges at this facility (megaliters/year)
31.97

Comparison of total discharges with previous reporting year
Lower

Discharges to fresh surface water
31.97

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
0

Total water consumption at this facility (megaliters/year)
3.55

Comparison of total consumption with previous reporting year
Lower

Please explain

Facility reference number

Facility 3

Facility name (optional)
Transformers - Egypt

Country/Area & River basin
Please select

Latitude
30.282568

Longitude
31.788415

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)
33.4

Comparison of total withdrawals with previous reporting year
Lower

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes
33.4

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
0

Total water discharges at this facility (megaliters/year)
30.06

Comparison of total discharges with previous reporting year
Lower

Discharges to fresh surface water
30.06

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
0

Total water consumption at this facility (megaliters/year)
3.34

Comparison of total consumption with previous reporting year
Lower

Please explain

Facility reference number
Facility 4

Facility name (optional)
Egyplast

Country/Area & River basin

Egypt	Nile

Latitude
30.238548

Longitude
31.74552

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)
84.79

Comparison of total withdrawals with previous reporting year
Higher

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes
84.79

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
0

Total water discharges at this facility (megaliters/year)
76.31

Comparison of total discharges with previous reporting year
Higher

Discharges to fresh surface water
76.31

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
0

Total water consumption at this facility (megaliters/year)
8.48

Comparison of total consumption with previous reporting year
Higher

Please explain

Facility reference number
Facility 5

Facility name (optional)
United Steel Wires (USW)

Country/Area & River basin

Egypt	Nile

Latitude
30.281621

Longitude
31.788748

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)
240.29

Comparison of total withdrawals with previous reporting year
Much higher

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

240.29

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
0

Total water discharges at this facility (megaliters/year)
216.26

Comparison of total discharges with previous reporting year
Much higher

Discharges to fresh surface water
216.26

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
0

Total water consumption at this facility (megaliters/year)
24.03

Comparison of total consumption with previous reporting year
Much higher

Please explain

Facility reference number
Facility 6

Facility name (optional)
United Metals

Country/Area & River basin

Egypt	Nile

Latitude
30.292744

Longitude
31.742342

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)
105.6

Comparison of total withdrawals with previous reporting year
Lower

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes
105.6

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources

0

Total water discharges at this facility (megaliters/year)
95.04

Comparison of total discharges with previous reporting year
Lower

Discharges to fresh surface water
95.04

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
0

Total water consumption at this facility (megaliters/year)
10.56

Comparison of total consumption with previous reporting year
Lower

Please explain

Facility reference number
Facility 7

Facility name (optional)
SEDCO & Elastimold (this represents two factories within the same location)

Country/Area & River basin

Egypt	Nile

Latitude
30.267139

Longitude
31.765238

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)
33.82

Comparison of total withdrawals with previous reporting year
Lower

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes
33.82

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
0

Total water discharges at this facility (megaliters/year)
30.44

Comparison of total discharges with previous reporting year
Lower

Discharges to fresh surface water
30.44

Discharges to brackish surface water/seawater
0

Discharges to groundwater

0

Discharges to third party destinations
0

Total water consumption at this facility (megaliters/year)
3.38

Comparison of total consumption with previous reporting year
Lower

Please explain

Facility reference number
Facility 8

Facility name (optional)
ECMEI

Country/Area & River basin

Egypt	Nile

Latitude
30.266022

Longitude
31.77353

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)
45.55

Comparison of total withdrawals with previous reporting year
Lower

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes
45.55

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
0

Total water discharges at this facility (megaliters/year)
40.99

Comparison of total discharges with previous reporting year
Lower

Discharges to fresh surface water
40.99

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
0

Total water consumption at this facility (megaliters/year)
4.55

Comparison of total consumption with previous reporting year
Lower

Please explain

Facility reference number

Facility 9

Facility name (optional)
Elsewedy Electric Infrastructure

Country/Area & River basin

Egypt	Nile

Latitude
30.020805

Longitude
31.424397

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)
18.49

Comparison of total withdrawals with previous reporting year
Higher

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes
18.49

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
0

Total water discharges at this facility (megaliters/year)
16.64

Comparison of total discharges with previous reporting year
Higher

Discharges to fresh surface water
16.64

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
0

Total water consumption at this facility (megaliters/year)
1.85

Comparison of total consumption with previous reporting year
Higher

Please explain

Facility reference number
Facility 10

Facility name (optional)
SEDCO Petroleum

Country/Area & River basin

Egypt	Nile

Latitude
30.263674

Longitude

31.815135

Located in area with water stress
Yes

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

Oil & gas sector business division
<Not Applicable>

Total water withdrawals at this facility (megaliters/year)
0.3

Comparison of total withdrawals with previous reporting year
This is our first year of measurement

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes
0.3

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
0

Total water discharges at this facility (megaliters/year)
0.27

Comparison of total discharges with previous reporting year
This is our first year of measurement

Discharges to fresh surface water
0.27

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
0

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

Comparison of total consumption with previous reporting year
This is our first year of measurement

Please explain

Facility reference number
Facility 11

Facility name (optional)
Iskraemeco Slovenia

Country/Area & River basin

Slovenia	Danube

Latitude
46.235375

Longitude
14.351423

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)
162.48

Comparison of total withdrawals with previous reporting year

Higher

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes
162.48

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
0

Total water discharges at this facility (megaliters/year)
146.23

Comparison of total discharges with previous reporting year
Higher

Discharges to fresh surface water
146.23

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
0

Total water consumption at this facility (megaliters/year)
16.24

Comparison of total consumption with previous reporting year
Higher

Please explain

Facility reference number
Facility 12

Facility name (optional)
GIAD Elsewedy - Sudan

Country/Area & River basin

Sudan	Nile

Latitude
15.318148

Longitude
32.822262

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)
12.49

Comparison of total withdrawals with previous reporting year
Higher

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes
12.49

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water

0

Withdrawals from third party sources
0

Total water discharges at this facility (megaliters/year)
11.24

Comparison of total discharges with previous reporting year
Higher

Discharges to fresh surface water
11.24

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
0

Total water consumption at this facility (megaliters/year)
1.25

Comparison of total consumption with previous reporting year
Higher

Please explain

Facility reference number
Facility 13

Facility name (optional)
Elsewedy Cables- KSA

Country/Area & River basin

Saudi Arabia	Other, please specify (Red Sea, East Coast)

Latitude
24.025167

Longitude
38.190768

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)
34.98

Comparison of total withdrawals with previous reporting year
Higher

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes
34.98

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
0

Total water discharges at this facility (megaliters/year)
31.48

Comparison of total discharges with previous reporting year
Higher

Discharges to fresh surface water
31.48

Discharges to brackish surface water/seawater

0

Discharges to groundwater
0

Discharges to third party destinations
0

Total water consumption at this facility (megaliters/year)
3.49

Comparison of total consumption with previous reporting year
Higher

Please explain

Facility reference number
Facility 14

Facility name (optional)
Elsewedy Cables - Algeria

Country/Area & River basin

Algeria	Other, please specify (Mediterranean South Coast)

Latitude
36.790196

Longitude
3.029153

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)
16.39

Comparison of total withdrawals with previous reporting year
Higher

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes
16.39

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
0

Total water discharges at this facility (megaliters/year)
14.75

Comparison of total discharges with previous reporting year
Higher

Discharges to fresh surface water
14.75

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
0

Total water consumption at this facility (megaliters/year)
1.64

Comparison of total consumption with previous reporting year
Higher

Please explain

Facility reference number
Facility 15

Facility name (optional)
Elsewedy Cables - Ethiopia

Country/Area & River basin

Ethiopia	Other, please specify (Rift Valley)

Latitude
9.04818

Longitude
38.796385

Located in area with water stress
Yes

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

Oil & gas sector business division
<Not Applicable>

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

Comparison of total withdrawals with previous reporting year
About the same

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes
0.02

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
0

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

Comparison of total discharges with previous reporting year
About the same

Discharges to fresh surface water
0.018

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
0

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

Comparison of total consumption with previous reporting year
About the same

Please explain

Facility reference number
Facility 16

Facility name (optional)
Doha Cables- Qatar

Country/Area & River basin

Qatar	Other, please specify (Arabian Peninsula)

Latitude
25.004199

Longitude
51.566524

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)
12.77

Comparison of total withdrawals with previous reporting year
Lower

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes
12.77

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
0

Total water discharges at this facility (megaliters/year)
11.49

Comparison of total discharges with previous reporting year
Lower

Discharges to fresh surface water
11.49

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
0

Total water consumption at this facility (megaliters/year)
1.27

Comparison of total consumption with previous reporting year
Lower

Please explain

Facility reference number
Facility 17

Facility name (optional)
Transformers- Pakistan

Country/Area & River basin

Pakistan	Other, please specify (Arabian Sea Coast)

Latitude
24.89772

Longitude
66.994612

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)
12.4

Comparison of total withdrawals with previous reporting year
This is our first year of measurement

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes
12.4

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
0

Total water discharges at this facility (megaliters/year)
11.16

Comparison of total discharges with previous reporting year
This is our first year of measurement

Discharges to fresh surface water
11.16

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
0

Total water consumption at this facility (megaliters/year)
1.24

Comparison of total consumption with previous reporting year
This is our first year of measurement

Please explain

Facility reference number
Facility 18

Facility name (optional)
PT Elsewedy Electric- Indonesia

Country/Area & River basin

Indonesia	Other, please specify (Java-Timor)

Latitude
-6.406231

Longitude
106.961394

Located in area with water stress
Yes

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

Oil & gas sector business division
<Not Applicable>

Total water withdrawals at this facility (megaliters/year)
8.1

Comparison of total withdrawals with previous reporting year
This is our first year of measurement

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes
8.1

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
0

Total water discharges at this facility (megaliters/year)
7.29

Comparison of total discharges with previous reporting year
This is our first year of measurement

Discharges to fresh surface water
7.29

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
0

Total water consumption at this facility (megaliters/year)
0.81

Comparison of total consumption with previous reporting year
This is our first year of measurement

Please explain

Facility reference number
Facility 19

Facility name (optional)
Elsewedy Electric- Zambia ,

Country/Area & River basin

Zambia	Zambezi

Latitude
-13.009728

Longitude
28.669841

Located in area with water stress
Yes

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

Oil & gas sector business division
<Not Applicable>

Total water withdrawals at this facility (megaliters/year)
2.54

Comparison of total withdrawals with previous reporting year
This is our first year of measurement

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes
2.54

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
0

Total water discharges at this facility (megaliters/year)
2.28

Comparison of total discharges with previous reporting year
This is our first year of measurement

Discharges to fresh surface water
2.286

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
0

Total water consumption at this facility (megaliters/year)
0.25

Comparison of total consumption with previous reporting year
This is our first year of measurement

Please explain

Facility reference number
Facility 20

Facility name (optional)
Elsewedy Special Cables

Country/Area & River basin

Egypt	Nile

Latitude
30.296497

Longitude
31.802071

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)
94.94

Comparison of total withdrawals with previous reporting year
Lower

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes
94.94

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
0

Total water discharges at this facility (megaliters/year)
85.45

Comparison of total discharges with previous reporting year
Lower

Discharges to fresh surface water
85.455

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
0

Total water consumption at this facility (megaliters/year)
9.49

Comparison of total consumption with previous reporting year
Lower

Please explain

Facility reference number
Facility 21

Facility name (optional)
Iskraemeco- Bosnia

Country/Area & River basin

Bosnia & Herzegovina	Danube

Latitude
43.846912

Longitude
18.325347

Located in area with water stress
Yes

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

Oil & gas sector business division
<Not Applicable>

Total water withdrawals at this facility (megaliters/year)
2.2

Comparison of total withdrawals with previous reporting year
About the same

Withdrawals from fresh surface water, including rainwater, water from wetlands, rivers and lakes
2.2

Withdrawals from brackish surface water/seawater
0

Withdrawals from groundwater - renewable
0

Withdrawals from groundwater - non-renewable
0

Withdrawals from produced/entrained water
0

Withdrawals from third party sources
0

Total water discharges at this facility (megaliters/year)
1.98

Comparison of total discharges with previous reporting year
About the same

Discharges to fresh surface water
1.98

Discharges to brackish surface water/seawater
0

Discharges to groundwater
0

Discharges to third party destinations
0

Total water consumption at this facility (megaliters/year)
0.22

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
Not verified

Verification standard used
<Not Applicable>

Please explain
Elsewedy Electric has implemented a strong internal system to monitor its worldwide water consumption, utilizing water invoices and meters. The company has also established an internal database to effectively track and monitor its water usage. Given the efficiency and reliability of this internal QA/QC process, external third-party verification would be duplicative.

Water withdrawals – volume by source

% verified
Not verified

Verification standard used
<Not Applicable>

Please explain
Elsewedy Electric has implemented a strong internal system to monitor its worldwide water consumption, utilizing water invoices and meters. The company has also established an internal database to effectively track and monitor its water usage. Given the efficiency and reliability of this internal QA/QC process, external third-party verification would be duplicative.

Water withdrawals – quality by standard water quality parameters

% verified
Not verified

Verification standard used
<Not Applicable>

Please explain
Elsewedy Electric has implemented a strong internal system to monitor its worldwide water consumption, utilizing water invoices and meters. The company has also established an internal database to effectively track and monitor its water usage. Given the efficiency and reliability of this internal QA/QC process, external third-party verification would be duplicative.

Water discharges – total volumes

% verified
Not verified

Verification standard used
<Not Applicable>

Please explain
Elsewedy Electric has implemented a strong internal system to monitor its worldwide water consumption, utilizing water invoices and meters. The company has also established an internal database to effectively track and monitor its water usage. Given the efficiency and reliability of this internal QA/QC process, external third-party verification would be duplicative.

Water discharges – volume by destination

% verified
Not verified

Verification standard used
<Not Applicable>

Please explain
Elsewedy Electric has implemented a strong internal system to monitor its worldwide water consumption, utilizing water invoices and meters. The company has also established an internal database to effectively track and monitor its water usage. Given the efficiency and reliability of this internal QA/QC process, external third-party verification would be duplicative.

Water discharges – volume by final treatment level

% verified
Not verified

Verification standard used
<Not Applicable>

Please explain
Elsewedy Electric has implemented a strong internal system to monitor its worldwide water consumption, utilizing water invoices and meters. The company has also established an internal database to effectively track and monitor its water usage. Given the efficiency and reliability of this internal QA/QC process, external third-party verification would be duplicative.

Water discharges – quality by standard water quality parameters

% verified
Not verified

Verification standard used
<Not Applicable>

Please explain
Elsewedy Electric has implemented a strong internal system to monitor its worldwide water consumption, utilizing water invoices and meters. The company has also established an internal database to effectively track and monitor its water usage. Given the efficiency and reliability of this internal QA/QC process, external third-party verification would be duplicative.

Water consumption – total volume

% verified
Not verified

Verification standard used
<Not Applicable>

Please explain
Elsewedy Electric has implemented a strong internal system to monitor its worldwide water consumption, utilizing water invoices and meters. The company has also established an internal database to effectively track and monitor its water usage. Given the efficiency and reliability of this internal QA/QC process, external third-party verification would be duplicative.

W6. Governance

W6.1

(W6.1) Does your organization have a water policy?
Yes, we have a documented water policy that is publicly available

W6.1a

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

	Scope	Content	Please explain
Row 1	Company-wide	Description of the scope (including value chain stages) covered by the policy Description of business dependency on water Description of business impact on water Commitment to align with international frameworks, standards, and widely-recognized water initiatives Commitment to prevent, minimize, and control pollution Commitment to reduce water withdrawal and/or consumption volumes in direct operations Commitment to reduce water withdrawal and/or consumption volumes in supply chain Commitment to safely managed Water, Sanitation and Hygiene (WASH) in the workplace Commitment to safely managed Water, Sanitation and Hygiene (WASH) in local communities 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 Commitments beyond regulatory compliance Acknowledgement of the human right to water and sanitation Recognition of environmental linkages, for example, due to climate change	Elsewedy Electric's water policy encompasses a holistic approach to address water-related challenges. The policy emphasizes the need for comprehensive water sustainability, circularity, and resilience throughout the company's operations and supply chain. It aligns with the United Nations Sustainable Development Goals (SDGs), particularly focusing on clean water and sanitation (SDG 6) and life below water (SDG 14). The company is committed to integrating water considerations into strategic planning, decision-making processes, and research and development activities. Furthermore, Elsewedy Electric promotes stakeholder engagement, context-specific actions, accountability, and transparency in its water management efforts. The water policy of Elsewedy Electric outlines a total of 18 commitments and action points. These commitments encompass a wide range of areas, including becoming a water-resilient and sustainable business, integrating water considerations into strategic planning and decision-making, implementing comprehensive water-use assessment and monitoring, supporting research and innovation for water sustainability, providing complete and safe WASH services, collaborating with local and global initiatives, supporting national and local water actions, and aligning water action with internationally recognized ESG indices. The policy emphasizes the importance of responsibility, transparency, stakeholder engagement, and transformative leadership in achieving the company's water-related goals. elsewedy-group-water-policy-aug21.pdf

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)	As the leader of Elsewedy Electric, the CEO holds a critical responsibility in driving the company's sustainability efforts forward. This includes approving budgets for climate-related projects and endorsing the targets and future plans that align with the company's sustainability goals. By taking an active role in approving these budgets and plans, the CEO plays a key role in ensuring that the company remains committed to sustainability and continues to prioritize climate-related initiatives in its operations. This is essential not only for meeting the company's sustainability goals but also for demonstrating its accountability to stakeholders, including customers, investors, and the wider community. The CEO's oversight and approval of these budgets and plans reflect the company's dedication to sustainability and its willingness to take concrete action to address climate change and other sustainability-related challenges. In addition to approving budgets and plans, the CEO also ensures oversight of material water-related issues and considers them during the review of the Group strategy, financial planning, budgeting, goals, metrics, and targets. This alignment with international commitments and resilience under different degrees of climate change is essential for the company's long-term sustainability. Furthermore, the CEO takes a public stance on issues of water security and water justice. This reinforces the company's commitment to sustainability and demonstrates its leadership in addressing critical environmental and social issues. Overall, the CEO's active role in driving the company's sustainability efforts forward and ensuring oversight of key sustainability-related issues reflects Elsewedy Electric's dedication to sustainability and responsible environmental management practices.

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	Sporadic - as important matters arise	Monitoring implementation and performance Reviewing and guiding corporate responsibility strategy Reviewing and guiding major plans of action Reviewing and guiding risk management policies Reviewing and guiding strategy Setting performance objectives	At Elsewedy Electric, we are committed to sustainability and responsible environmental management practices. To ensure that we are staying informed on any climate-related and water-related matters or issues that may have arisen, we have established regular reporting and review processes. Our Chief Sustainability Officer (CSO) provides regular updates to the CEO on these matters. Additionally, the CEO and board of directors convene annually to approve the company's CFP (Carbon Footprint) and ESG (Environmental, Social, and Governance) reports and to ensure that the company is adhering to its sustainability and environmental management commitments. The agenda of these meetings may include the following: - Monitoring the adoption of environmental, climate, and social commitments and initiatives as part of our 2025 and 2030 Goals. - Discussing external communication issues and decisions related to environmental sustainability and climate-related issues. - Reviewing our non-financial reporting systems and products, including sustainability reporting and carbon footprint reporting. - Reviewing the annual budget for sustainability and water- and climate-related aspects. - Providing updates on our CSR (Corporate Social Responsibility) and internal/external training and capacity-building programs. - Revising and approving the water, climate, and group environmental policies. - Signing company commitment letters on sustainability-related initiatives.

W6.2d

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

	Board member(s) have competence on water-related issues	Criteria used to assess competence of board member(s) on water-related issues	Primary reason for no board-level competence on water-related issues	Explain why your organization does not have at least one board member with competence on water-related issues and any plans to address board-level competence in the future
Row 1	Yes	We assess competence by drawing on prior experience. For instance: 1. Comprehensive knowledge of sustainability, energy efficiency, net-zero initiatives, clean energy, renewable electricity opportunities, and water scarcity. 2. Proficiency in strategic execution competencies, such as supporting the shift towards a low-carbon economy, risk mitigation, stakeholder engagement, and implementation of climate-related vision and strategies 3. Familiarity with international policies and industry best practices, including the GHG Protocol and UNFCCC. 4. Demonstrated participation and experience in significant international events related to climate change. Elsewedy Electric's CEO has shown competence and commitment towards sustainability (environmental, social and human rights, and governance) since 2017, by developing and publishing the company's first sustainability and carbon footprint report. Committing to sustainability and reporting on ESG performance in accordance with global frameworks (GRI, UNGC, SASB, TCFD, CDP and WEF), as well as reporting on GHG emissions annually, and developing a decarbonisation plan corporate strategy with the aim of achieving a carbon neutral business by 2050. The Group sustainability department and consultants directly provide the CEO with an annual comprehensive ESG materiality assessment that is conducted across Elsewedy Electric's internal and external stakeholders upon which sustainability-related decisions and actions are taken. The CEO has obtained his bachelors degree in electrical Engineering, and has industry expertise of over 25 years in the fields of energy technology, power distribution, product development, smart grids, and renewable energy. Elsewedy Electric's CEO commitment letters (since 2017 UNGC (CoP)): Example: https://ungc-production.s3.us-west-2.amazonaws.com/commitment_letters/128851/original/UN_letter.pdf?1515496544	<Not Applicable>	<Not Applicable>

W6.3

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

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

Water-related responsibilities of this position
Assessing water-related risks and opportunities
Managing water-related risks and opportunities
Setting water-related corporate targets
Monitoring progress against water-related corporate targets

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

Please explain
As the CSO, one of the key responsibilities is to ensure that material water-related issues are given appropriate attention and consideration across the organization. This includes:
-Monitor the development of Group Water Action Plan to include corporate, contextual and science-based water commitments, targets and KPIs internationally recognized standards and frameworks
-Implement comprehensive water-use assessment, continuous water monitoring and accounting, organize data management, reporting, and disclosure on Group water action annually across recognized disclosure frameworks such as CDP, and communicate the group's progress to all stakeholders
-Conduct external validation/verification of water-related targets
-Support internal and external stakeholders via consulting, awareness-raising, and capacity building on water-related issues and corporate targets
-Publicly support national and local action on water issues, and other regulatory and legal developments, local water initiatives

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Name of the position(s) and/or committee(s)
Other, please specify (Group Internal Audit and Risk Board Committee)

Water-related responsibilities of this position
Assessing water-related risks and opportunities
Managing water-related risks and opportunities

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

Please explain
The committee's responsibility as per the new group Water Policy includes approving and implementing the procedure to identify, assess, and manage water-related risks and opportunities and integrate it with the group Risk Management Framework and related processes on climate risks.

Name of the position(s) and/or committee(s)
Other, please specify (Management across functions and levels as applicable)

Water-related responsibilities of this position
Managing water-related risks and opportunities
Managing major capital and/or operational expenditures related to low water impact products or services (including R&D)

Frequency of reporting to the board on water-related issues
As important matters arise

Please explain
Management departments across the group are responsible for:
- Approve and implement the procedure to identify, assess, and manage water-related risks and opportunities and integrate it with the business line's and the group's Risk Management Framework as applicable.
- Integrate water considerations into research and development of all products and services.
- Facilitate dedicated research, development and innovation of products and services that contribute to water sustainability, circularity and resilience, gain leading certifications and labels, use the Group areas of expertise, capacities and skills to generate new disruptive water-smart solutions.
- Ensure provision of complete and safe WASH services to all Group workers within communities where we operate, and ensure that an aware and responsible approach to water is an integral part of the Group's corporate culture, procurement and external communication.

W6.4

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

	Provide incentives for management of water-related issues	Comment
Row 1	No, not currently but we plan to introduce them in the next two years	

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?
No

W6.6

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

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

elsewedy-electric-sustainability-report-2021.pdf

We include information about our water withdrawals, consumption and management in our annual Sustainability Reports.

W7. Business strategy

W7.1

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

	Are water-related issues integrated?	Long-term time horizon (years)	Please explain
Long-term business objectives	Yes, water-related issues are integrated	11-15	At Elsewedy Electric, we are committed to providing end-to-end turnkey water treatment and desalination projects that meet the unique needs of our clients. We understand the critical connection between water safety and the welfare of people and industries, and we are dedicated to promoting sustainable water management practices. As part of our commitment to sustainability, we are evaluating and integrating water-related issues into our strategic planning and long-term business objectives. We recognize that water is a finite resource, and we are committed to reducing our water withdrawal by 40% by 2030, using 2021 as a base year. This target aligns with SDG 6 "Clean Water and Sanitation" of the United Nations' 17 SDGs until 2030, which aims to ensure the availability and sustainable management of water and sanitation for all. In addition, Elsewedy Electric is also committed to achieve zero wastewater discharge from its factories by 2030. To achieve our target, we are working on enhancing the effectiveness of our water resource management measures and pursuing optimized water consumption efficiency at our production plants. In addition to reducing our wastewater discharges through the installation of wastewater treatment plants in our factories. The time horizon is chosen to align with our sustainability strategy and SDGs until 2030.
Strategy for achieving long-term objectives	Yes, water-related issues are integrated	11-15	At Elsewedy Electric, we recognize the critical importance of water sustainability, resilience, and circularity. As part of our ongoing commitment to sustainability, we are starting the process of evaluating and integrating water-related issues into our strategic planning and long-term business objectives. As of 2021, we have published a new Water Policy that commits us to integrating water considerations into our strategic planning and decision-making processes. This includes sensitivity analyses, stress testing, qualitative and quantitative scenarios, and robust decision-making. We are also implementing support mechanisms such as water finance, remuneration and non-monetary incentives, and an internal rating system for partners to facilitate water sustainability, resilience, and circularity. The strategy includes 15 priority areas of action, that we will be focusing on in the next years. To achieve our water-related targets, we are enhancing the effectiveness of our water resource management measures and pursuing optimized water consumption efficiency at our production plants. We are also reducing our wastewater discharges by installing wastewater treatment plants in our factories. In addition, we are planning to certify all of our office buildings for green building certification by 2030. The time horizon is chosen to align with our sustainability strategy and SDGs until 2030.
Financial planning	Yes, water-related issues are integrated	11-15	At Elsewedy Electric, we understand the critical importance of water sustainability and are dedicated to promoting sustainable water management practices. Building on our ongoing business in the Water Solutions sector, we are starting the process of evaluating and integrating water-related issues into our strategic planning and long-term business objectives. As part of this effort, we have published a Water Policy that commits us to integrating water considerations into our strategic planning and decision-making processes. This includes sensitivity analyses, stress testing, qualitative and quantitative scenarios, and robust decision-making. We are also implementing support mechanisms such as water finance, remuneration and non-monetary incentives, and an internal rating system for partners to facilitate water sustainability, resilience, and circularity. To reduce financial risk, we are evaluating the feasibility of water efficiency projects and introducing new wastewater processing technology. We are also evaluating the feasibility of increasing water recycling and reuse to lower the pressure and need for water consumption. These initiatives reflect our commitment to promoting sustainable water management practices and reducing our environmental footprint.

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)

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

Water-related OPEX (+/- % change)

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

Please explain

At present, we don't have accurate figures for the required information. However, we will work on providing them in subsequent disclosing cycles.

W7.3

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

	Use of scenario analysis	Comment
Row 1	No, but we anticipate doing so within the next two years	We include information on water-related issues in our annual sustainability report and carbon footprint report, which provides stakeholders with insight into the risks and opportunities related to climate change and water scarcity. Although we have not yet conducted any scenario analysis, we plan to do so in the coming years.

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
Elsewedy Electric will be exploring water valuation practices in the upcoming years.

W7.5

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

	Products and/or services classified as low water impact	Definition used to classify low water impact	Primary reason for not classifying any of your current products and/or services as low water impact	Please explain
Row 1	No, but we plan to address this within the next two years	<Not Applicable>	Lack of internal resources	In 2022, we completed the Life Cycle Assessment (LCA) analysis for 37 cables, divided into four group Environmental Product Declarations (EPDs). We are currently working on verifying and publishing these EPDs, which we expect to be available in the first quarter of 2023. Our goal is to continue developing EPDs using internationally recognized LCA tools as a standard procedure for all of our Group products by 2023-2025. This will enable us to incorporate water-related impacts from our products into our sustainability reporting and decision-making processes.

W8. Targets

W8.1

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

W8.1a

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

	Target set in this category	Please explain
Water pollution	Yes	<Not Applicable>
Water withdrawals	Yes	<Not Applicable>
Water, Sanitation, and Hygiene (WASH) services	No, but we plan to within the next two years	All facilities operated and managed by Elsewedy Electric provide access to safe and fully functioning WASH services to all workers. Our new group Water Policy mandates the provision of complete safe WASH services to all Group workers within communities where we operate, including embedded requirements for compliance to the WASH Pledge into the supplier criteria recognizing the human right to water and sanitation. Currently, we don't have WASH services related targets, but we are planning to have one in the next two years.
Other	Please select	<Not Applicable>

W8.1b

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

Target reference number
Target 1

Category of target
Water withdrawals

Target coverage
Company-wide (direct operations only)

Quantitative metric
Reduction in total water withdrawals

Year target was set
2021

Base year

2021

Base year figure
881.76

Target year
2030

Target year figure
529.05

Reporting year figure
994.71

% of target achieved relative to base year

Target status in reporting year
Underway

Please explain
In 2021, our reported water withdrawal volume was 881.76 megaliters for 18 factories. This year, the reported value is 994.72 megaliters, which includes the total amount of water withdrawals by 22 facilities. This increase in numbers compared to last year is due to the inclusion of additional facilities in the reporting. To ensure an accurate comparison, the volume of water recorded in 2022 for the same factories accounted for a total of 971.34 megaliters, which represents an increase of only 10%.

Our target for 2030 is to reduce water consumption by 40% from the base year figure for all office buildings and factories through water efficiency and management measures, with a target year figure of 529.06 megaliters.

We are currently working on improving and developing our ESG data management system to include 100% of the Group's organizational boundaries. We anticipate being able to disclose the percentage of target achieved, incorporating all boundaries, in the next two years.
Like for like comparison was conducted for the below facilities:

1. Yanbu Al-Sinayiah - KSA
2. Doha Cables - Qatar
3. Elsewedy Special Cables (UIC)
4. Egytech
5. Iskraemeco- Egypt
6. Transformers- Egypt
7. Egyplast
8. USW
9. United Metals
10,11. SEDCO & Elastimold
12. ECMEI
13. Giad Elsewedy- Sudan
14. Elsewedy Cables - Algeria
15. Eleswedy Electric Infrastructure
16. Iskraemeco- Slovenia
17. Elsewedy Cables- Ethiopia
18. Iskraemeco- Bosnia

Target reference number
Target 2

Category of target
Water pollution

Target coverage
Company-wide (direct operations only)

Quantitative metric
Reduction in water discharge volumes

Year target was set
2021

Base year
2021

Base year figure
705.41

Target year
2030

Target year figure
0

Reporting year figure
895.24

% of target achieved relative to base year

Target status in reporting year
Underway

Please explain
The reported figures are in units of megaliters. At Elsewedy Electric, we understand the critical importance of responsible wastewater management in promoting sustainability and reducing our environmental impact. As part of our commitment to sustainability, we have set a goal to achieve zero wastewater across our operations by 2030.

To achieve this goal, we are implementing wastewater reuse and water recycling systems across our operations. By reusing and recycling wastewater, we can reduce our overall water consumption and minimize our environmental footprint. This commitment reflects our dedication to promoting sustainable practices and reducing our impact on the environment.

W9. Verification

W9.1

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

No, we do not currently verify any other water information reported in our CDP disclosure

W10. Plastics

W10.1

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

	Plastics mapping	Value chain stage	Please explain
Row 1	Yes	Direct operations Supply chain Product use phase	

W10.2

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

	Impact assessment	Value chain stage	Please explain
Row 1	Not assessed – but we plan to within the next two years	<Not Applicable>	

W10.3

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

	Risk exposure	Value chain stage	Type of risk	Please explain
Row 1	Not assessed – but we plan to within the next two years	<Not Applicable>	<Not Applicable>	

W10.4

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

	Targets in place	Target type	Target metric	Please explain
Row 1	Yes	Plastic packaging	Reduce the total weight of virgin content in plastic packaging Increase the proportion of renewable content from responsibly managed sources in plastic packaging	One of our key objectives is to achieve 100% packaging that is free from single-use plastics by 2030. We recognize the environmental impact of plastics and the importance of transitioning to more sustainable alternatives. To accomplish this, we will closely monitor and disclose our materials usage and packaging quantities per type. This will enable us to identify opportunities to reduce plastic usage and explore suitable alternatives that align with our commitment to a circular economy.

W10.5

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

	Activity applies	Comment
Production of plastic polymers	Yes	Our plastic portfolio is comprised of the folloeing segments, each with its own unique characteristics and applications: PVC Compound Masterbatch Special Compounds PP Fibers Fiberglass Poles
Production of durable plastic components	Please select	
Production / commercialization of durable plastic goods (including mixed materials)	Please select	
Production / commercialization of plastic packaging	Please select	
Production of goods packaged in plastics	Yes	
Provision / commercialization of services or goods that use plastic packaging (e.g., retail and food services)	Please select	

W10.6

(W10.6) Provide the total weight of plastic polymers sold and indicate the raw material content.

Row 1

Total weight of plastic polymers sold during the reporting year (Metric tonnes)

Raw material content percentages available to report

% virgin fossil-based content
<Not Applicable>

% virgin renewable content
<Not Applicable>

% post-industrial recycled content
<Not Applicable>

% post-consumer recycled content
<Not Applicable>

Please explain
At Elsewedy Electric, we recognize the importance of accurate and reliable ESG data management in promoting sustainability and reducing our environmental impact. To this end, we are currently working on developing a robust ESG data management system that will enable us to collect and analyze the required data in the coming years.

W10.8

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

	Total weight of plastic packaging sold / used during the reporting year (Metric tonnes)	Raw material content percentages available to report	% virgin fossil-based content	% virgin renewable content	% post-industrial recycled content	% post-consumer recycled content	Please explain
Plastic packaging sold	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Plastic packaging used		Please select	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>	At Elsewedy Electric, we recognize the importance of accurate and reliable ESG data management in promoting sustainability and reducing our environmental impact. To this end, we are currently working on developing a robust ESG data management system that will enable us to collect and analyze the required data in the coming years.

W10.8a

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

	Percentages available to report for circularity potential	% of plastic packaging that is reusable	% of plastic packaging that is technically recyclable	% of plastic packaging that is recyclable in practice at scale	Please explain
Plastic packaging sold	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Plastic packaging used	Please select	<Not Applicable>	<Not Applicable>	<Not Applicable>	At Elsewedy Electric, we are committed to promoting sustainability and reducing our environmental impact. We recognize that accurate and reliable ESG data management is essential for achieving these goals. To this end, we are currently working on developing a robust ESG data management system that will enable us to collect and analyze the required data in the coming years. In addition to our ESG data management efforts, we have set a target to achieve 100% packaging free from single-use plastics by 2030. This commitment reflects our dedication to sustainability and responsible environmental management practices. By reducing our use of single-use plastics in packaging, we can minimize our environmental footprint and contribute to a more sustainable future.

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	Chief Sustainability Officer - Elsewedy Electric Vice Chairman Elsewedy Electric Foundation	Chief Sustainability Officer (CSO)

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