

C0. Introduction

C0.1

(C0.1) Give a general description and introduction to your organization.

Elsewedy Electric is a leading corporate in the MENA region, and a global provider of energy, digital and infrastructure solutions with total corporate revenues of EGP 60.5 Billion in 2021, and over 16,000 employees setting our footprint worldwide. Listed on the Cairo stock exchange since 2006, we operate in five key business sectors: Wire & Cable, Electrical Products, Engineering & Construction, Smart Infrastructure and Infrastructure Investments. At the heart of our approach is an all-in-one integrated Engineering, Procurement & Construction (EPC) service which enables us to deliver even the most complex projects on time and within budget. We are pioneers of energy management and efficiency, and as part of our commitment to sustainability we have established green energy and smart metering projects across Africa, the Middle East and Eastern Europe.

A vital part of our mission is ensuring that the communities where we operate develop and flourish. Elsewedy Electric is committed to lead the way to sustainability across all its pillars, and have its greatest impact on all the communities they operate by and with, and we always strive to find ways of delivering clean energy, minimizing the environmental impacts of operations and sharing the benefits of success by investing in education and well-being. We have set our commitments towards contributing to our societies and planet and we aim to communicate it with all our stakeholders through our Sustainability Reports, and non-financial disclosures, such as S&P's Corporate Sustainability Assessment, and CDP's Water Security and Climate Change disclosures.

The year 2021 has been a year of challenges and achievements ever since it started, we have published our new group-wide 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*. It highlights the strategic measures which we will adopt over the short, medium and long term in line with the global commitments and targets. Furthermore, we conducted major reviews and updated our group's policies to extend contributions to sustainability, in addition to developing and publishing our Water and Climate Policies. 2021 also marks the year of disclosing for the first time to CDP's Water Security and Climate Change Questionnaires, as well S&P's CSA. Our target is to include 100% of our operational boundaries, and projects in the disclosures, enhance and improve our responses to quantitative data through establishing a corporate-wide Environmental and Social Management System in the upcoming year across all business lines worldwide, through which we will raise awareness and build our employees and business partners capacities to ensure all required E&S requirements and KPIs are periodically measured, monitored, and analyzed.

This year we expanded our boundaries for which quantitative data is disclosed to include **10** additional facilities operated by Elsewedy Electric, in addition to the **seven** facilities disclosed last year, amounting to a total of **17** facilities covered:

- 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) SEDCO, ELASTIMOLD (Egypt)
- 10) ECMEI (Egypt)
- 11) GIAD Elsewedy (Sudan)
- 12) Yanbu Al-Sinaiyah (Saudi Arabia)
- 13) Elsewedy Cables (Algeria)
- 14) Elsewedy Cables (Ethiopia)
- 15) Doha Cables (Qatar)
- 16) Iskraemeco (Bosnia)
- 17) Elsewedy Electric Infrastructure

The above facilities represent 66% (EGP 39.8 Bn) of Elsewedy Electric's Group total corporate revenues for the FY 2021.

Check out our latest GRI Sustainability Report 2020: <https://www.elsewedyelectric.com/pdfView?file=/media/4378/sr-2020-m.pdf>

(Our **2021 Sustainability Report** is expected to be published by the end of 2022.)

For further information, please visit the links below:

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

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

Direct links to 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>

C0.2

(C0.2) State the start and end date of the year for which you are reporting data.

	Start date	End date	Indicate if you are providing emissions data for past reporting years	Select the number of past reporting years you will be providing emissions data for
Reporting year	January 1 2021	December 31 2021	No	<Not Applicable>

C0.3

(C0.3) Select the countries/areas in which you operate.

Algeria
Bosnia & Herzegovina
Egypt
Ethiopia
Qatar
Saudi Arabia
Slovenia
Sudan

C0.4

(C0.4) Select the currency used for all financial information disclosed throughout your response.

EGP

C0.5

(C0.5) Select the option that describes the reporting boundary for which climate-related impacts on your business are being reported. Note that this option should align with your chosen approach for consolidating your GHG inventory.

Operational control

C0.8

(C0.8) 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

C1. Governance

C1.1

(C1.1) Is there board-level oversight of climate-related issues within your organization?

Yes

C1.1a

(C1.1a) Identify the position(s) (do not include any names) of the individual(s) on the board with responsibility for climate-related issues.

Position of individual(s)	Please explain
Chief Executive Officer (CEO)	Elsewedy Electric is committed to conducting its business ethically and effectively, while fostering innovation and collaboration across all of its operations. During the creation of Elsewedy Electric's 2020-2023 corporate strategy, the company's Board of Directors engaged in a number of discussions and briefing meetings in order to enhance their knowledge of sustainability efforts, the company's impacts, and relevant stakeholders and allow them to establish the company's new strategy with sustainability at its core. The Board has delegated its authorities in ensuring sustainability to the company's CEO, who is responsible for assessing and mitigating risks as well as instating sound operational practices across the economic, environmental, and social spheres that achieve the goals set by the Board and comply with existing commitments such as the UN Global Compact. Data collection on sustainability matters across the company's operations is headed by the sustainability focal points from each relevant department across the subsidiaries, which is later reported to the CEO. The department issues periodic reports and updates to the CEO for review, discussion, and decision-making on relevant matters. Elsewedy Electric's CEO and department heads are tasked with accounting for the company's sustainability objectives across our entire value chain. The heads of departments periodically consult with our sustainability focal points to ensure continued alignment between the company's operations and corporate sustainability strategy. Elsewedy Electric's Board of Directors is occasionally required to be involved when disruptive risks arise in order to manage these risks in a way that allows for the continued advancement of the company's sustainability objectives. The CEO fully supports Elsewedy Electric's low carbon transition, annual climate risk assessment and GHG besides the annual Sustainability Reporting and expanding into new ESG disclosures.

C1.1b

(C1.1b) Provide further details on the board's oversight of climate-related issues.

Frequency with which climate-related issues are a scheduled agenda item	Governance mechanisms into which climate-related issues are integrated	Scope of board-level oversight	Please explain
Scheduled – some meetings	Reviewing and guiding strategy Reviewing and guiding risk management policies Setting performance objectives Overseeing major capital expenditures, acquisitions and divestitures Monitoring and overseeing progress against goals and targets for addressing climate-related issues	<Not Applicable>	Agenda items include: - Monitoring the adoption of environmental, climate and social commitments and initiatives as part of its 2025 and 2030 Goals, - External communication issues and decisions related to environmental; sustainability and climate-related issues; - Review the non-financial reporting systems and products including sustainability reporting and carbon footprint reporting; - Review of annual budget for sustainability and water and climate -related aspects; - Update on the company's CSR and internal/external training and capacity building program; - Revision and approval of the water, climate, and group environmental policies. - Sign company commitment letters on sustainability-related initiatives.

C1.1d

(C1.1d) Does your organization have at least one board member with competence on climate-related issues?

	Board member(s) have competence on climate-related issues	Criteria used to assess competence of board member(s) on climate-related issues	Primary reason for no board-level competence on climate-related issues	Explain why your organization does not have at least one board member with competence on climate-related issues and any plans to address board-level competence in the future
Row 1	Yes	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-1.amazonaws.com/commitment_letters/128851/original/UN_letter.pdf?1515496544	<Not Applicable>	<Not Applicable>

C1.2

(C1.2) Provide the highest management-level position(s) or committee(s) with responsibility for climate-related issues.

Name of the position(s) and/or committee(s)	Reporting line	Responsibility	Coverage of responsibility	Frequency of reporting to the board on climate-related issues
Chief Sustainability Officer (CSO)	<Not Applicable >	Both assessing and managing climate-related risks and opportunities <i>As well as supervising and monitoring operational targets.</i>	<Not Applicable>	Quarterly
Chief Executive Officer (CEO)	<Not Applicable >	Both assessing and managing climate-related risks and opportunities	<Not Applicable>	Quarterly
Other committee, please specify (ESG Committee) <i>The ESG Committee is a newly formed committee (formed during the Board's meeting in the second quarter of 2021). The committee is expected to commence action formally as of the fourth quarter of 2022.</i>	<Not Applicable >	Both assessing and managing climate-related risks and opportunities	<Not Applicable>	Quarterly
Chief Financial Officer (CFO)	<Not Applicable >	Managing climate-related risks and opportunities	<Not Applicable>	Quarterly
Other, please specify (Investment Department)	<Not Applicable >	Both assessing and managing climate-related risks and opportunities <i>Quarterly disclosure to the FRA (Financial Regulatory Authority) on ESG-related performance.</i>	<Not Applicable>	Quarterly
Other committee, please specify (Audit Committee)	<Not Applicable >	Assessing climate-related risks and opportunities	<Not Applicable>	Quarterly
Other, please specify (Compliance Department)	<Not Applicable >	Assessing climate-related risks and opportunities <i>Monitoring and evaluation.</i>	<Not Applicable>	Quarterly

C1.2a

(C1.2a) Describe where in the organizational structure this/these position(s) and/or committees lie, what their associated responsibilities are, and how climate-related issues are monitored (do not include the names of individuals).

According to Elsewedy Electric's Climate Policy the Group ESG Committee shall oversee the below roles and responsibilities by the Group management positions and committees in order to achieve the vision of a climate-resilient and net-zero carbon business and society.

Elsewedy Electric's newly formed ESG Committee's exact roles and responsibilities shall be commenced in Q4 of 2022.

1. Ensure oversight of material climate-related issues and their consideration during the review of the Group strategy, financial planning, budgeting, goals, targets and KPIs, alignment with international commitments and resilience under different degrees of climate change.
2. Approve and implement the procedure to identify, assess, and manage climate-related risks and opportunities and integrate it with the Group risk management framework, and related process on water risks.
3. Develop Group Climate Action Plan to include science-based climate goals, metrics and targets in line with Net-Zero guidelines by SBTi, a roadmap for implementation until 2050, interim milestones covering at least every five years, specific measures and initiatives to achieve them structured into work packages, methodologies and tools to be applied. The plan shall be revised at least every five years
4. Implement comprehensive GHG accounting, organize data management, monitoring, reporting, and disclosure on Group climate action annually across recognized disclosure frameworks (CDP, TCFD), national requirements and the EU taxonomy, specifically communicate progress via dedicated channels to the Board, shareholders, investors, policymakers, partners, clients, other stakeholders as deemed relevant and the broader public
5. Conduct external validation of climate targets and third-party verification/assurance for annual climate-related assessments and disclosures.
6. Integrate climate change considerations into strategic planning and decision-making (sensitivity analyses, stress testing, qualitative and quantitative scenarios, robust decision-making, etc.) and support mechanisms (climate finance, remuneration and non-monetary incentives for executives and managers, internal rating system for partners) to facilitate net zero carbon and climate resilience pathways.
7. Integrate climate change considerations into research and development of all products and services and capital expenditures, acquisitions, and divestitures. Renovate and upgrade current facilities and infrastructure to make them net-zero carbon and climate-resilient.
8. Facilitate dedicated research and development of carbon-neutral and climate-resilient products and services, gain leading certifications and labels, use the Group areas of expertise, capacities and skills to generate new disruptive climate solutions.
9. Support internal (employees) and external stakeholders (suppliers, partners, customers, communities etc.) via consulting, awareness-raising, and capacity building on decision-making, skills and tools to achieve net-zero carbon and climate resilience, adherence to selection criteria and minimum standards. Continuously assess suppliers and partners with the ambitions to achieve net-zero and climate-resilient supply chain and value chain.
10. Specifically, avoid financing or investing in new developments and collaborations that lead to high-carbon pathways or are incompatible with a climate-resilient future. Ongoing relationships may be sustained, and new exceptions are possible if the company demonstrates the highest-level commitment and strategic action in line with the policy's provisions.
11. Collaborate with local and global initiatives, civil society organizations and trade associations, networks and coalitions to scale ambitious climate action.
12. Publicly support national and local action on climate change, including Nationally Determined Contributions, National Adaptation Planning, regulatory and legal developments, Local Climate Action Plans and Community-based adaptation initiatives.
13. Take a stance on key issues within the climate change discourse: climate denialism (negative), eliminating subsidies to carbon-intensive industries (positive), integrating climate considerations in national-scale and mega-projects (positive), implementing the polluter-pays principle (positive), emissions trading and offsetting (positive, recognizing limitations, see point 18), and carbon taxation (positive).
14. Ensure alignment of Group climate action with the highest achievement requirements of the internationally recognized ESG indices, ratings and rankings that focus on climate change.
15. Integrate climate considerations and specific provisions of this Policy with other internal policies, procedures and guidelines.
16. Use compensation and neutralization measures only when all other feasible options have been used and alternatives considered. Ensure that carbon offsetting contributes to no more than 10% of the defined emission reductions over the medium and long term.

C1.3

(C1.3) Do you provide incentives for the management of climate-related issues, including the attainment of targets?

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

C2. Risks and opportunities

C2.1

(C2.1) Does your organization have a process for identifying, assessing, and responding to climate-related risks and opportunities?

Yes

C2.1a

(C2.1a) How does your organization define short-, medium- and long-term time horizons?

	From (years)	To (years)	Comment
Short-term	0	3	Our short-term horizon and vision corresponds to achieving our commitments and targets as defined in our Sustainability Strategy 2020-2023. We are working towards developing a robust corporate-wide ESG data management system with clear defined KPIs for our targets which we are developing in accordance with global ESG standards and reporting frameworks while considering as well sector-specific standards.
Medium-term	3	10	Our medium term vision pertains to achieving targets and leading the industry through our products and services in a way that serves and contributes to Egypt's national 2030 agenda. This also includes achieving targets and milestones towards becoming a carbon neutral business through electrifying 50% of our fleet by 2030, and enhancing our engagement with our suppliers and value chain partners by developing systems on a corporate level by covering all our business lines across all countries where we operate.
Long-term	10	30	The long-term horizon corresponds to the time frame set out in the Science-based target criteria and is aligned with most recent Climate science to limit global warming under 1.5°C increase by becoming carbon neutral on full end-to-end footprint by 2050 (full scopes 1,2 and 3) by achieving net-zero GHG emissions from the entire supply chain and from our direct operations. We also aspire to achieve 100% of revenue from low-carbon or net-zero products by 2040.

C2.1b

(C2.1b) 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.

C2.2

(C2.2) Describe your process(es) for identifying, assessing and responding to climate-related risks and opportunities.

Value chain stage(s) covered

- Direct operations
- Upstream
- Downstream

Risk management process

A specific climate-related risk management process

Frequency of assessment

Annually

Time horizon(s) covered

- Short-term
- Medium-term
- Long-term

Description of process

Elsewedy has published this year their Sustainability Strategy and Climate policy and is embarking on developing an Environmental and Social Management System (ESMS) for the whole group, to be adopted before end of 2021. The ESMS will enable regular identification, assessment and mitigation of climate-related risks (and opportunities). In addition we have developed corporate procedures that regulate the modalities to be adopted for the risk identification and environmental and social impact assessment according to IFC performance standards for 100% of new applicable developments (such as greenfield developments) starting from 2023. And we will conduct external validation of climate targets and third-party verification/assurance for annual climate-related assessments and disclosures. For internal risk assessment, we annually conduct a materiality assessment which represents the process of identifying, refining, and assessing potential environmental, social, and governance issues that could affect our company and stakeholders. According to our 2021 Climate Policy, we will integrate climate change considerations into strategic planning and decision-making (sensitivity analyses, stress-testing, qualitative and quantitative scenarios, robust decision-making, etc.) and support mechanisms (climate finance, remuneration and non-monetary incentives for executives and managers, internal rating system for partners) to facilitate net zero carbon and climate resilience pathways. Secondly, we will integrate climate change considerations into research and development of all products and services and capital expenditures, acquisitions, and divestitures (via internal carbon pricing, sustainable return on investment, abatement cost calculations). Renovate and upgrade current facilities and infrastructure to make them net-zero carbon and climate-resilient. We have successfully achieved a silver EcoVadis certificate in 2022. The certificate obtained places us in the top 25% of its industry performance. EcoVadis operates the first web-based collaborative platform, allowing companies to assess their (and those of their suppliers) sustainability performance. It allows us to share results with others and provides a globally recognized CSR scorecard with benchmarks, feedback on strengths & weaknesses, online resources, and collaborative tools to improve. This acts as an excellent resource for external audits.

C2.2a

(C2.2a) Which risk types are considered in your organization's climate-related risk assessments?

	Relevance & inclusion	Please explain
Current regulation	Relevant, always included	Elsewedy Electric is subject to International regulations in order to be able to access international markets. Risk on non-compliance may result in loss of export opportunities. In this regard, Elsewedy Electric's subsidiary Egytech has been awarded the British Approvals Service for Cables (BASEC) certification, as a testimony to the company's high-quality solar photovoltaic cable range. BASEC board of directors awarded Egytech the new certificate after rigid inspections and ensuring that the products meet the rules, regulations, and operations quality standards by independent experts from across the supply chain. As an extension of our commitment to instill the Group with standards valued across the markets we operate. In 2020, our companies have obtained several new certifications while also going through the transition to new versions of standards or renewing previous certificates. All our factories are ISO 14001 certified and more than 50% are ISO 50001 certified. Related to international regulations, we are currently developing environmental product declarations (EPDs) for all our cable products, to be completed by end of 2022. Since 2017/2018, we have taken initiatives such as ESG and Carbon footprint reporting. These will facilitate compliance with the new Financial Regulatory Authority (FRA) regulations on ESG and TCFD reporting effective from January 2023. We also carefully select and audit our suppliers and sub-suppliers to meet our minimum sustainability performance criteria and respect environmental, health, and safety standards.
Emerging regulation	Relevant, always included	As part of our corporate risk management, we regularly monitor, review, and assess emerging regulations. As financially and technically feasible, we take climate-related initiatives (such as regular GHG reporting and developing and implementing a decarbonisation action plan) in order to facilitate compliance and reduce the risk of new regulations.
Technology	Relevant, sometimes included	Advanced technology acquisition and development places Elsewedy Electric at the forefront of world electricity trends, positioning the group to supply the most cost effective, clean technology to regional developing nations. Group-wide sharing of the most advanced production technology extends significant efficiency gains across the group's activities, while effective brand development boosts the group's profile as a leading energy player. We also invest in smart green buildings, electrifying fleets and improving our monitoring and management capabilities, improving employee performance and efficiency of interaction by digitalization, and creating conditions for remote work and further reducing paper waste. The new Elsewedy Electric's Digital Transformation Strategy aims to reposition our business in the digital economy strategically. By digitizing our business lines and the energy sector at large, we allow energy suppliers to optimize their valuable assets, integrate renewable energies from variable and distributed resources, and reduce operational costs. Risk factors: - Hydrocarbons demand declines with breakthroughs in renewables, energy storage, and sustainable mobility Mitigation activities: - Invest in sustainable infrastructure - Lead transition rather than catch up - Research emerging environmental risks across the value chain
Legal	Relevant, always included	There are no direct climate-related laws in Egypt. However, a yearly environmental assessment of all Elsewedy Electric's sites is conducted according to the Egyptian environmental Law and its executive regulations and labour laws. This covers several environmental and health and safety indicators including emissions to air, noise, waste management, water quality, among others.
Market	Relevant, always included	Risk factors include: • Decline in hydrocarbons demand • Loss of results and cash flows • Stranded assets • Decreasing shareholders' returns • Price fluctuations Associated mitigation activities would cover: • Transition to renewable energy • Adoption of sustainable business models • Assets aligned with low-carbon scenarios • Increase in the share of natural gas • Assets aligned with low-carbon scenarios
Reputation	Relevant, always included	Violations of any applicable environmental Laws and regulations could result into financial losses and paying hefty fines, it can as well cost us to lose financing from investment banks, as well as damaging our reputation and brand. Risk factors: • Impacts on stakeholders' relations • Impacts on stock price • ESG scores and investor views Mitigation activities: • Maintain effective sustainability governance • Set and achieve science-based climate targets, Align goals with SDGs and other global and national priorities • Ensure transparent disclosures and reporting in line with key standards • Support effective communication of goals and progress on SDGs and climate • Foster partnerships for sustainability with a wide range of stakeholders
Acute physical	Relevant, always included	Having faced issues with third-party security providers in the past, and the instability following the Egyptian revolution, Elsewedy Electric formed its own security company to handle security at all our companies, factories and facilities. Our security company has all required licensing to meet all our standards and upholds our core values, ethics, and code of conduct. It conducts background checks on all new hires and secures factories and facilities from theft and fraud. At our project sites in conflicted area such as Syria, Yemen, and Iraq, all bases are secured by local government armies, private security, police, and our own security employees. Risks: • Interruptions of industrial operations • Damage to plants and infrastructures • Recovery and maintenance costs • Employee health and productivity deterioration Mitigation activities: • Additional technical measures to protect critical infrastructure in most exposed and vulnerable areas • More stringent design criteria for new projects • Advance environmental monitoring and control • Adopt early warning systems and improve emergency action plans • Diversify portfolio across geographies and less vulnerable sectors
Chronic physical	Relevant, sometimes included	Smart electricity meters produced by Iskraemeco are a key contribution to the electronic industry. The supply chain for traditional meters has numerous negative impacts on the environment and society, compounded by irresponsible business practices, such as labor exploitation, toxic pollution, the use of conflict minerals, and hazardous working conditions. Making matters worse, current manufacturing and use models in the electronic industry result in many raw materials being discarded at the end of their technical or economical life when there is an opportunity for recycling. The meter industry faces numerous sustainability challenges, including: • Conflict minerals: Around 80% of conflict minerals, gold, tantalum, tungsten, and tin (3TG), are produced in the Democratic Republic of Congo and neighboring countries that have experienced civil unrest. These conflicts are financed with profits from the sales of these minerals, allowing for the purchase of arms and weapons. More than 5 million lives have been lost directly and indirectly as a result of the extraction of these minerals. The electronics industry needs to establish a transparent supply chain for the sourcing of these minerals. • Material scarcity: The European Commission has published a list of 27 materials that are of great importance to humanity and are becoming increasingly scarce. The electronics industry should find substitute materials for these scarce resources. • E-waste: Electronic products have always generated waste, but the volume is rapidly increasing, with most materials not being recycled. Most electric products have a relatively short product life. The industry needs to find solutions that prolong the life of products and enable them to be recycled. • Resource usage: Every production process requires resources such as energy, water, gas, and raw materials. In order to minimize its contribution to pollution, the electronics industry must improve its product designs and processes in ways that account for their environmental effects.

C2.3

(C2.3) Have you identified any inherent climate-related risks with the potential to have a substantive financial or strategic impact on your business?

Yes

C2.3a

(C2.3a) Provide details of risks identified with the potential to have a substantive financial or strategic impact on your business.

Identifier

Risk 1

Where in the value chain does the risk driver occur?

Downstream

Risk type & Primary climate-related risk driver

Technology	Transitioning to lower emissions technology
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Primary potential financial impact

Decreased revenues due to reduced demand for products and services

Climate risk type mapped to traditional financial services industry risk classification

<Not Applicable>

Company-specific description

Check CSA --> Tech/Innovation Strategy

Time horizon

Medium-term

Likelihood

More likely than not

Magnitude of impact

Medium

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 figure

Cost of response to risk

Description of response and explanation of cost calculation

Comment

C2.4

(C2.4) Have you identified any climate-related opportunities with the potential to have a substantive financial or strategic impact on your business?

Yes

C2.4a

(C2.4a) Provide details of opportunities identified with the potential to have a substantive financial or strategic impact on your business.

Identifier

Opp1

Where in the value chain does the opportunity occur?

Direct operations

Opportunity type

Resource efficiency

Primary climate-related opportunity driver

Use of more efficient production and distribution processes

Primary potential financial impact

Reduced indirect (operating) costs

Company-specific description

Under the newly developed and published group ESG Strategy, targets are set for 20% reduction in energy consumption; and 100% green office buildings. Achieving these targets require implementation of energy efficiency and adopting energy management systems in all our manufacturing facilities and buildings.

Time horizon

Medium-term

Likelihood

Very likely

Magnitude of impact

Medium

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 figure**Cost to realize opportunity****Strategy to realize opportunity and explanation of cost calculation**

For all manufacturing facilities and existing buildings , an energy management system will be adopted according to ISO 50001 and an annual energy audit will be conducted which will result in the identification of energy saving opportunities and monitoring the achievements of targets and assessing continual improvement in energy performance. Already , a few factories have begun to adopt energy management systems and setting individual targets for reducing energy consumption.

Comment**Identifier**

Opp2

Where in the value chain does the opportunity occur?

Direct operations

Opportunity type

Resource efficiency

Primary climate-related opportunity driver

Reduced water usage and consumption

Primary potential financial impact

Reduced indirect (operating) costs

Company-specific description

Under the newly developed and published group ESG Strategy, targets are set for 40% reduction in water consumption; and 100% green office buildings. Achieving these targets require implementation of water efficiency and water management measures in all our office buildings.

Time horizon

Medium-term

Likelihood

Very likely

Magnitude of impact

Medium

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 figure**Cost to realize opportunity****Strategy to realize opportunity and explanation of cost calculation**

For all manufacturing facilities and existing buildings , a water management system will be adopted and an annual water audit will be conducted which will result in the identification of water saving opportunities and monitoring the achievements of targets and assessing continual improvement in water performance. Among the opportunities initially identified is switching to low-flow fixtures and raising the awareness of all employees on sound water efficiency and water management measures .

Comment**Identifier**

Opp3

Where in the value chain does the opportunity occur?

Upstream

Opportunity type

Energy source

Primary climate-related opportunity driver

Use of lower-emission sources of energy

Primary potential financial impact

Increased revenues through access to new and emerging markets

Company-specific description

Elsewedy Electric has implemented a number of renewable energy projects (please check the group Sustainability report) and has set targets of 20% renewable energy share for buildings and factories by 2030.

Time horizon

Medium-term

Likelihood

Very likely

Magnitude of impact

Medium-high

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 figure**Cost to realize opportunity****Strategy to realize opportunity and explanation of cost calculation****Comment****Identifier**

Opp4

Where in the value chain does the opportunity occur?

Direct operations

Opportunity type

Products and services

Primary climate-related opportunity driver

Development and/or expansion of low emission goods and services

Primary potential financial impact

Increased revenues through access to new and emerging markets

Company-specific description

Elsewedy Electric has set an ambitious plan and targets for developing Environmental Product Declarations (EPD) for all products. This will requires conducting from one hand life cycle assessments for all product groups and on the other hand lowering the consumption of resources and associated emissions and switching to renewable energy sources in order to improve the environmental performance of the products and increase market expansion opportunities.

Time horizon

Medium-term

Likelihood

Very likely

Magnitude of impact

Medium-high

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 figure**Cost to realize opportunity****Strategy to realize opportunity and explanation of cost calculation****Comment**

C3. Business Strategy

C3.1

(C3.1) Does your organization's strategy include a transition plan that aligns with a 1.5°C world?

Row 1

Transition plan

No, but our strategy has been influenced by climate-related risks and opportunities, and we are developing a transition plan within two years

Publicly available transition plan

<Not Applicable>

Mechanism by which feedback is collected from shareholders on your transition plan

<Not Applicable>

Description of feedback mechanism

<Not Applicable>

Frequency of feedback collection

<Not Applicable>

Attach any relevant documents which detail your transition plan (optional)

<Not Applicable>

Explain why your organization does not have a transition plan that aligns with a 1.5°C world and any plans to develop one in the future

Elsewedy Electric has reporting on its operational GHG emissions annually since 2017. In 2020, we have developed our Group Sustainability Strategy and developed our Climate Strategy and Decarbonization Roadmap, highlighting the areas of action, targets, as well as our progress towards each of those targets. We plan to continue reporting our progress towards each target on an annual basis. We are also working on refining our roadmap, and developing a detailed transition plan that aligns with our 1.5DS science-based GHG reduction targets, within the coming two years.

Explain why climate-related risks and opportunities have not influenced your strategy

<Not Applicable>

C3.2

(C3.2) Does your organization use climate-related scenario analysis to inform its strategy?

	Use of climate-related scenario analysis to inform strategy	Primary reason why your organization does not use climate-related scenario analysis to inform its strategy	Explain why your organization does not use climate-related scenario analysis to inform its strategy and any plans to use it in the future
Row 1	No, but we anticipate using qualitative and/or quantitative analysis in the next two years	Lack of internal resources	It is still under development, but based on the Carbon Footprint Assessment and emissions reduction targets developed in alignment with the SBTi we devised a decarbonization plan. In situation where we cannot cut further direct or indirect emissions, ELSEWEDY Electric shall compensate for the non-avoided emissions by investing in environmental and renewable energy projects in order to reduce future emissions and help balance our total carbon footprint. We have defined our priority areas for action that will facilitate our journey to becoming a net-zero corporate in our Sustainability Strategy, as well as in our new Climate and Water policies. We expect to have our action plans further refined as we begin implementing our new policies and re-calibrate our science-based targets based on a group-level assessment of our GHG emissions in upcoming reports.

C3.3

(C3.3) Describe where and how climate-related risks and opportunities have influenced your strategy.

	Have climate-related risks and opportunities influenced your strategy in this area?	Description of influence
Products and services	Yes	Within our sustainability framework we aim to have 100% EPD/ Green Label products, 50% electric fleet, and 100% coverage of own office buildings and facilities, and clients by remote energy monitoring & smart appliances by the year 2030.
Supply chain and/or value chain	Yes	Each Elsewedy company has its procedures and systems depending on the nature and complexity of its supply chain. ECMEI manages its impacts by purchasing raw materials, equipment, energy, gas, chemicals and services from many suppliers and subcontractors. ECMEI accredits all local and external suppliers and assures international accreditations in quality, safety and environment. All our suppliers are screened and assessed according to our criteria, including quality, environmental, and social-related aspects based on Elsewedy Electric's Supplier Pre-assessment Form. As part of Elsewedy Electric Group 2020-2023 Sustainability Strategy, we committed to establishing a Corporate Environmental and Social Management System (C-ESMS) by 2023 with the following targets on the supply chain: - Sustainability due diligence and gap analysis for 100% of suppliers by 2023 - All suppliers comply with ESG criteria by 2030 - All suppliers and new investments comply with ESG criteria by 2030 - 100% transparency across supply chains by 2023 - 100% supplier compliance to internal standards for chemical and material safety by 2030
Investment in R&D	Yes	Elsewedy Electric aims to shape the future of integrated energy solutions, and research and development play a key role in making this happens across our operations, business lines, and companies. Our R&D department is located mainly at our subsidiary Iskraemeco, Slovenia, where more than 100 electrical engineers work on innovating our products, raising standards, and developing solutions for our clients. Considering the vital role of R&D in our business, 15% of Iskraemeco revenues worldwide are reinvested into the R&D department. We will double the investments in renewable energy, climate and water projects by 2025. In addition, significant research will focus on sustainable energy solutions and on assessing emerging environmental risks across the value chain. All of our companies, business lines, and turnkey solution Groups work to ensure that our products and services meet the highest standards of quality, safety, and consumer satisfaction. All our companies have quality assurance departments that work on improving product life cycle sustainability, environmental compliance, reliability, and safety specifications. At ECMEI, we produced the first 500 kV polymer insulator on the Egyptian market. Our insulators are the result of more than 15 years of research and development. All engineers around the globe attend regular training workshops to stay up to date with leading industry developments.
Operations	Yes	Part of our efforts towards achieving net-zero operations include: - We plan to design , adopt and implement a Zero Waste to Landfill management system by 2030. - Develop a Comprehensive Circular Economy Policy and Action Plan by 2023 - Embed Life Cycle Assessment as a standard procedure for 100% of the Group products by 2023 - 90% of sourced materials by volume are renewable, recycled or recyclable by 2030 - Conduct a group-wide comprehensive GHG emissions assessment covering all operations and subsidiaries by 2023 - Achieve net-zero GHG emissions of our business operations by 2030 in alignment with the science-based targets criteria.

C3.4

(C3.4) Describe where and how climate-related risks and opportunities have influenced your financial planning.

	Financial planning elements that have been influenced	Description of influence
Row 1	Direct costs Acquisitions and divestments Access to capital	- Increasing the group's investment in renewable energy - Allocating more funds for product environmental certification, carbon management and ISO certifications and green building design. - Allocating more resources for establishing, adopting and implementing a group environmental and social management system including systematic risk assessment.

C4. Targets and performance

C4.1

(C4.1) Did you have an emissions target that was active in the reporting year?

Absolute target

C4.1a

(C4.1a) Provide details of your absolute emissions target(s) and progress made against those targets.

Target reference number

Abs 1

Year target was set

2020

Target coverage

Site/facility

Scope(s)

Scope 1

Scope 2

Scope 2 accounting method

Location-based

Scope 3 category(ies)

<Not Applicable>

Base year

2017

Base year Scope 1 emissions covered by target (metric tons CO2e)

5652

Base year Scope 2 emissions covered by target (metric tons CO2e)

54977

Base year Scope 3 emissions covered by target (metric tons CO2e)

<Not Applicable>

Total base year emissions covered by target in all selected Scopes (metric tons CO2e)

60629

Base year Scope 1 emissions covered by target as % of total base year emissions in Scope 1

100

Base year Scope 2 emissions covered by target as % of total base year emissions in Scope 2

100

Base year Scope 3 emissions covered by target as % of total base year emissions in Scope 3 (in all Scope 3 categories)

<Not Applicable>

Base year emissions covered by target in all selected Scopes as % of total base year emissions in all selected Scopes

100

Target year

2025

Targeted reduction from base year (%)

33.6

Total emissions in target year covered by target in all selected Scopes (metric tons CO2e) [auto-calculated]

40257.656

Scope 1 emissions in reporting year covered by target (metric tons CO2e)

6509

Scope 2 emissions in reporting year covered by target (metric tons CO2e)

49941

Scope 3 emissions in reporting year covered by target (metric tons CO2e)

<Not Applicable>

Total emissions in reporting year covered by target in all selected scopes (metric tons CO2e)

56450

% of target achieved relative to base year [auto-calculated]

20.5141104092101

Target status in reporting year

Underway

Is this a science-based target?

Yes, we consider this a science-based target, and we have committed to seek validation of this target by the Science Based Targets initiative in the next two years

Target ambition

1.5°C aligned

Please explain target coverage and identify any exclusions

This target was set in 2020 in alignment with the Science-Based Targets initiative (SBTi). The target was set using the SBTi tool, in line with the Absolute contraction approach, of a 1.5 degrees C future to be achieved by 2025, with the base year set as 2017. To allow for a consistent like-with-like comparison between the reporting year (2021) and base year (2017), the same organizational and operational boundaries were accounted for, which means that all facilities and activities that were not included in the base year emissions, were excluded from the reporting year's emissions covered by this target. As a result, this target covers the following facilities and activities: Facilities covered: 1) Egyplast - (Egypt) 2) Iskraemeco (Egypt) 3) United Industries Company (UIC) - (Egypt) 4) Elsewedy Transformers (Egypt) 5) Egytech Cables - (Egypt) 6) Iskraemeco (Slovenia) Activities covered: - On-site diesel and natural gas fuel burning (scope 1) - Fuel burning by owned vehicles (scope 1) -Purchased electricity (scope 2)

Plan for achieving target, and progress made to the end of the reporting year

Elsewedy Electric has identified

List the emissions reduction initiatives which contributed most to achieving this target

<Not Applicable>

Target reference number

Abs 2

Year target was set

2021

Target coverage

Site/facility

Scope(s)

Scope 1

Scope 2

Scope 2 accounting method

Location-based

Scope 3 category(ies)

<Not Applicable>

Base year

2021

Base year Scope 1 emissions covered by target (metric tons CO2e)

31832

Base year Scope 2 emissions covered by target (metric tons CO2e)

102722

Base year Scope 3 emissions covered by target (metric tons CO2e)

<Not Applicable>

Total base year emissions covered by target in all selected Scopes (metric tons CO2e)

134554

Base year Scope 1 emissions covered by target as % of total base year emissions in Scope 1

100

Base year Scope 2 emissions covered by target as % of total base year emissions in Scope 2

100

Base year Scope 3 emissions covered by target as % of total base year emissions in Scope 3 (in all Scope 3 categories)

<Not Applicable>

Base year emissions covered by target in all selected Scopes as % of total base year emissions in all selected Scopes

100

Target year

2028

Targeted reduction from base year (%)

33.6

Total emissions in target year covered by target in all selected Scopes (metric tons CO2e) [auto-calculated]

89343.856

Scope 1 emissions in reporting year covered by target (metric tons CO2e)

31832

Scope 2 emissions in reporting year covered by target (metric tons CO2e)

102722

Scope 3 emissions in reporting year covered by target (metric tons CO2e)

<Not Applicable>

Total emissions in reporting year covered by target in all selected scopes (metric tons CO2e)

134554

% of target achieved relative to base year [auto-calculated]

0

Target status in reporting year

New

Is this a science-based target?

Yes, we consider this a science-based target, and we have committed to seek validation of this target by the Science Based Targets initiative in the next two years

Target ambition

1.5°C aligned

Please explain target coverage and identify any exclusions

This is a new target that has been set mainly to account for the significant expansion in boundaries that took place in the reporting year, to allow for a meaningful and consistent tracking of performance across future years. The target's base year is set as the reporting year (2021), and covers all 17 facilities as well as all reported scope 1 and 2 activities: Facilities covered: 1) Egyplast - (Egypt) 2) Iskraemeco (Egypt) 3) United Industries Company (UIC) - (Egypt) 4) Elsewedy Transformers (Egypt) 5) Egytech Cables - (Egypt) 6) Iskraemeco (Slovenia) 7) United Steel Wires (USW) - (Egypt) 8) United Metal (Egypt) 9) SEDCO, ELASTIMOLD (Egypt) 10) ECMEI (Egypt) 11) GIAD Elsewedy (Sudan) 12) Yanbu Al-Sinaiyah (Saudi Arabia) 13) Elsewedy Cables (Algeria) 14) Elsewedy Cables (Ethiopia) 15) Doha Cables (Qatar) 16) Iskraemeco (Bosnia) 17) Elsewedy Electric Infrastructure Activities covered: - On-site diesel and natural gas fuel burning (scope 1) - Fuel burning by owned vehicles (scope 1) - Fugitive emissions (refrigerants leakage) (scope 1) -Purchased electricity (scope 2)

Plan for achieving target, and progress made to the end of the reporting year

List the emissions reduction initiatives which contributed most to achieving this target

<Not Applicable>

C4.2

(C4.2) Did you have any other climate-related targets that were active in the reporting year?

Target(s) to increase low-carbon energy consumption or production

Net-zero target(s)

C4.2a

(C4.2a) Provide details of your target(s) to increase low-carbon energy consumption or production.

Target reference number

Low 1

Year target was set

2020

Target coverage

Company-wide

Target type: energy carrier

Electricity

Target type: activity

Consumption

Target type: energy source

Renewable energy source(s) only

Base year

2021

Consumption or production of selected energy carrier in base year (MWh)

224458

% share of low-carbon or renewable energy in base year

0

Target year

2030

% share of low-carbon or renewable energy in target year

20

% share of low-carbon or renewable energy in reporting year

0

% of target achieved relative to base year [auto-calculated]

0

Target status in reporting year

Underway

Is this target part of an emissions target?

Yes, this target is expected to contribute to a reduction in our scope 2 emissions from fossil-based purchased electricity from the national grid; hence, supporting the achievement of the scope 2 emissions reduction target.

Is this target part of an overarching initiative?

No, it's not part of an overarching initiative

Please explain target coverage and identify any exclusions

This target is expected to cover all Elsewedy Electric's offices and facilities; however, the above reported figures cover the following seventeen facilities in scope of this response: 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) SEDCO, ELASTIMOLD (Egypt) 10) ECMEI (Egypt) 11) GIAD Elsewedy (Sudan) 12) Yanbu Al-Sinaiyah (Saudi Arabia) 13) Elsewedy Cables (Algeria) 14) Elsewedy Cables (Ethiopia) 15) Doha Cables (Qatar) 16) Iskraemeco (Bosnia) 17) Elsewedy Electric Infrastructure

Plan for achieving target, and progress made to the end of the reporting year

Elsewedy Electric is planning on implementing solar PV projects across their manufacturing facilities to increase the share of low-carbon energy sourcing for their electricity demands.

List the actions which contributed most to achieving this target

<Not Applicable>

C4.2c

(C4.2c) Provide details of your net-zero target(s).

Target reference number

NZ1

Target coverage

Company-wide

Absolute/intensity emission target(s) linked to this net-zero target

Abs1

Target year for achieving net zero

2050

Is this a science-based target?

No, but we are reporting another target that is science-based

Please explain target coverage and identify any exclusions

This target is expected to cover all Elsewedy Electric's facilities and operations.

Do you intend to neutralize any unabated emissions with permanent carbon removals at the target year?

Unsure

Planned milestones and/or near-term investments for neutralization at target year

<Not Applicable>

Planned actions to mitigate emissions beyond your value chain (optional)

C4.3

(C4.3) Did you have emissions reduction initiatives that were active within the reporting year? Note that this can include those in the planning and/or implementation phases.

Yes

C4.3a

(C4.3a) Identify the total number of initiatives at each stage of development, and for those in the implementation stages, the estimated CO2e savings.

	Number of initiatives	Total estimated annual CO2e savings in metric tonnes CO2e (only for rows marked *)
Under investigation		
To be implemented*		
Implementation commenced*		
Implemented*		
Not to be implemented		

C4.3b

(C4.3b) Provide details on the initiatives implemented in the reporting year in the table below.

C4.3c

(C4.3c) What methods do you use to drive investment in emissions reduction activities?

Method	Comment
Dedicated budget for energy efficiency	
Compliance with regulatory requirements/standards	

C4.5

(C4.5) Do you classify any of your existing goods and/or services as low-carbon products?

Yes

C4.5a

(C4.5a) Provide details of your products and/or services that you classify as low-carbon products.

Level of aggregation

Group of products or services

Taxonomy used to classify product(s) or service(s) as low-carbon

No taxonomy used to classify product(s) or service(s) as low carbon

Type of product(s) or service(s)

Power	Solar PV
-------	----------

Description of product(s) or service(s)

During 2020, Elsewedy Electric had 3 renewable energy projects operating across 3 countries resulting in avoided emissions that could have been produced if the same capacity of the generated power had been based on burning of fossil fuels. These projects operate across Egypt, Sudan, and Greece.

Have you estimated the avoided emissions of this low-carbon product(s) or service(s)

Yes

Methodology used to calculate avoided emissions

Other, please specify (Grid Emission Factors (country-specific))

Life cycle stage(s) covered for the low-carbon product(s) or services(s)

Use stage

Functional unit used

Reference product/service or baseline scenario used

Life cycle stage(s) covered for the reference product/service or baseline scenario

Not applicable

Estimated avoided emissions (metric tons CO2e per functional unit) compared to reference product/service or baseline scenario

Explain your calculation of avoided emissions, including any assumptions

Revenue generated from low-carbon product(s) or service(s) as % of total revenue in the reporting year

C5. Emissions methodology

C5.1

(C5.1) Is this your first year of reporting emissions data to CDP?

No

C5.1a

(C5.1a) Has your organization undergone any structural changes in the reporting year, or are any previous structural changes being accounted for in this disclosure of emissions data?

Row 1

Has there been a structural change?

No

Name of organization(s) acquired, divested from, or merged with

<Not Applicable>

Details of structural change(s), including completion dates

<Not Applicable>

C5.1b

(C5.1b) Has your emissions accounting methodology, boundary, and/or reporting year definition changed in the reporting year?

	Change(s) in methodology, boundary, and/or reporting year definition?	Details of methodology, boundary, and/or reporting year definition change(s)
Row 1	Yes, a change in methodology Yes, a change in boundary	For the reporting period (Jan 2021 to Dec 2021) we expanded our boundaries for which quantitative data is disclosed to include 11 more facilities, in addition to the 6 facilities (first six in the list below) which were included in the organizational boundaries for the calculation of our base year (first year of reporting GHG emissions) of the reporting period : Jan 2017 to Dec 2017. This year, we are disclosing emissions from the 17 facilities listed below, and we aim to account for 100% of our operational emissions by including data from other excluded facilities in upcoming years. 1) Egyplast - (Egypt) 2) Iskraemeco (Egypt) 3) United Industries Company (UIC) - (Egypt) 4) Elsewedy Transformers (Egypt) 5) Egytech Cables - (Egypt) 6) Iskraemeco (Slovenia) 7) United Steel Wires (USW) - (Egypt) 8) United Metal (Egypt) 9) SEDCO, ELASTIMOLD (Egypt) 10) ECMEI (Egypt) 11) GIAD Elsewedy (Sudan) 12) Yanbu Al-Sinaiyah (Saudi Arabia) 13) Elsewedy Cables (Algeria) 14) Elsewedy Cables (Ethiopia) 15) Doha Cables (Qatar) 16) Iskraemeco (Bosnia) 17) Elsewedy Electric Infrastructure In addition to expansion in organizational boundaries (facilities), we also expanded the operational boundaries (activities) to account for emissions resulting from the following activities: Refrigerants leakage (Scope 1), Well to Tank emissions for all fuel burning activities (Scope 3), Water and wastewater treatment (Scope 3), Purchased goods (Scope 3), Downstream transportation (Scope 3), and Exports (Scope 3). These emissions were not accounted for in the previous base-year (2017) due to unavailability of data then. Changes in methodology included the utilization of enhanced emission factors (including country-specific conversion factors) as well as improved raw data quality.

C5.1c

(C5.1c) Have your organization’s base year emissions been recalculated as result of the changes or errors reported in C5.1a and C5.1b?

	Base year recalculation	Base year emissions recalculation policy, including significance threshold
Row 1	Yes	The base year has been updated to reflect the period from Jan 2021 - Dec 2021 (which is the current reporting period). Due to the significant change in the reporting organizational and operational boundaries from 2017 (previous base-year) to 2021 (current reporting period) that resulted in an increase of 122% in scope 1+2 emissions between 2017 and 2021, we set the new base-year to 2021 to allow for a more accurate comparison with upcoming years. However, to compare between the emissions across the years 2017-2021, we performed a modified analysis to allow for like-to-like comparison, which will be described in details in our 2021 Carbon Footprint Report which will be published in Q3-Q4 2022. Details on base-year calculations and comparison between the years 2017 and 2020 are disclosed in our published 2020 Carbon Footprint Report (pg. 66-67), which could be visited using the link below. https://www.elsewedyelectric.com/media/4374/cfp-121221-1.pdf

C5.2

(C5.2) Provide your base year and base year emissions.

Scope 1

Base year start

January 1 2021

Base year end

December 31 2021

Base year emissions (metric tons CO2e)

31832

Comment

In 2017 the total scope 1 emissions were 5,652 tCO2e covering only 6 facilities and including the following activities: owned vehicles, natural gas and diesel fuel burning. While in 2021, scope 1 emissions amounted to 31,832 tCO2e (463% increase) as we expanded the boundaries to cover a total of 17 facilities (11 additional facilities) and included fugitive emissions (resulting from refrigerants leakage), which were not accounted for in 2017, 2018, or 2019. However, to compare between the emissions in 2017 (previous base-year) and 2021 (current base-year) we performed a modified analysis to allow for like-to-like comparison. By maintaining same organizational and operational boundaries, total scope 1 emissions in 2017 were 5,652 tCO2e, while 2021 emissions are 6,509 tCO2e (15% increase from 2017 to 2021).

Scope 2 (location-based)

Base year start

January 1 2021

Base year end

December 31 2021

Base year emissions (metric tons CO2e)

102722

Comment

The reported figure covers emissions from purchased electricity. In 2017 the total scope 2 emissions were 54,977 tCO2e covering only 6 facilities, while in 2021, scope 2 emissions amounted to 102,722 tCO2e (87% increase) as we expanded the boundaries to cover a total of 17 facilities (11 additional facilities), which were not accounted for in 2017, 2018, or 2019. However, to compare between the emissions in 2017 (previous base-year) and 2021 (current base-year) we performed a modified analysis to allow for like-to-like comparison. By maintaining same organizational and operational boundaries, total scope 2 emissions in 2017 were 54,977 tCO2e, while 2021 emissions are 49,941 tCO2e (9% decrease from 2017 to 2021).

Scope 2 (market-based)

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

The location-based result has been used as a proxy since a market-based figure cannot be calculated, as no data regarding residual mix totals is available to allow for the computation of such figure.

Scope 3 category 1: Purchased goods and services

Base year start

January 1 2021

Base year end

December 31 2021

Base year emissions (metric tons CO2e)

10146

Comment

The reported figure covers emissions from purchased consumables, office supplies, and packaging materials. In 2017 the emissions were 5.4 tCO2e covering only 6 facilities and emissions associated with paper consumption only, while in 2021, the emissions amounted to 10,146 tCO2e as we expanded the boundaries to cover a total of 17 facilities (11 additional facilities) as well as other purchased goods categories, which were not accounted for in 2017,2018, or 2019. However, to compare between the emissions in 2017 (previous base-year) and 2021 (current base-year) we performed a modified analysis to allow for like-to-like comparison. By maintaining same organizational and operational boundaries, emissions from this category in 2017 were 5.4 tCO2e, while 2021 emissions are 32 tCO2e (149% increase from 2017 to 2021).

Scope 3 category 2: Capital goods

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 3: Fuel-and-energy-related activities (not included in Scope 1 or 2)

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 4: Upstream transportation and distribution

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 5: Waste generated in operations

Base year start

January 1 2021

Base year end

December 31 2021

Base year emissions (metric tons CO2e)

1282

Comment

In 2017 the emissions were 63.5 tCO2e covering only 6 facilities a, while in 2021, the emissions amounted to 10,146 tCO2e as we expanded the boundaries to cover a total of 17 facilities (11 additional facilities), which were not accounted for in 2017,2018, or 2019. However, to compare between the emissions in 2017 (previous base-year) and 2021 (current base-year) we performed a modified analysis to allow for like-to-like comparison. By maintaining same organizational and operational boundaries, emissions from this category in 2017 were 63.5 tCO2e, while 2021 emissions are 411 tCO2e (547% increase from 2017 to 2021) - this is mainly attributed to the difference in emissions factors and data quality.

Scope 3 category 6: Business travel

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 7: Employee commuting

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 8: Upstream leased assets

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 9: Downstream transportation and distribution

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 10: Processing of sold products

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 11: Use of sold products

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 12: End of life treatment of sold products

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 13: Downstream leased assets

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 14: Franchises

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3 category 15: Investments

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3: Other (upstream)

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

Scope 3: Other (downstream)

Base year start

Base year end

Base year emissions (metric tons CO2e)

Comment

C5.3

(C5.3) Select the name of the standard, protocol, or methodology you have used to collect activity data and calculate emissions.

Defra Environmental Reporting Guidelines: Including streamlined energy and carbon reporting guidance, 2019
IPCC Guidelines for National Greenhouse Gas Inventories, 2006
ISO 14064-1
The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)
The Greenhouse Gas Protocol: Scope 2 Guidance

C6. Emissions data

C6.1

(C6.1) What were your organization's gross global Scope 1 emissions in metric tons CO2e?

Reporting year

Gross global Scope 1 emissions (metric tons CO2e)

31832

Start date

<Not Applicable>

End date

<Not Applicable>

Comment

The reported figure includes emissions from the following activities: - Stationary combustion (diesel fuel and natural gas) - Mobile combustion (owned vehicles) - Fugitive emissions (refrigerant leakage)

C6.2

(C6.2) Describe your organization's approach to reporting Scope 2 emissions.

Row 1

Scope 2, location-based

We are reporting a Scope 2, location-based figure

Scope 2, market-based

We have no operations where we are able to access electricity supplier emission factors or residual emissions factors and are unable to report a Scope 2, market-based figure

Comment

C6.3

(C6.3) What were your organization's gross global Scope 2 emissions in metric tons CO2e?

Reporting year

Scope 2, location-based

102722

Scope 2, market-based (if applicable)

<Not Applicable>

Start date

<Not Applicable>

End date

<Not Applicable>

Comment

Our scope 2 emissions include the emissions resulting from the consumption of purchased electricity from the national grid. To calculate such emissions, we used country-specific grid emission factors for all countries where we operate.

C6.4

(C6.4) Are there any sources (e.g. facilities, specific GHGs, activities, geographies, etc.) of Scope 1 and Scope 2 emissions that are within your selected reporting boundary which are not included in your disclosure?

Yes

C6.4a

(C6.4a) Provide details of the sources of Scope 1 and Scope 2 emissions that are within your selected reporting boundary which are not included in your disclosure.

Source

The excluded sources (scope 1 activities) and the corresponding facilities are specified below: 1- Stationary Combustion - Diesel fuel combustion data for Iskraemeco (Bosnia) facility 2- Stationary Combustion - Natural Gas combustion data for the below facilities: - Egyplast (Egypt) - Elsewedy Cables (Ethiopia) - Iskraemeco (Egypt) - Iskraemeco (Bosnia) - Elsewedy Electric Infrastructure 3- Fuel combustion by owned vehicles data for the below facilities: - Egytech (Egypt) - United Wires (Egypt) - Elsewedy Electric Infrastructure 4- Fugitive Emissions data for the below facilities: - Egyplast (Egypt) - Elsewedy Cables (Ethiopia) - Iskraemeco (Bosnia) - Iskraemeco (Slovenia) - Elsewedy Electric Infrastructure 5- Headquarters/ main office activities were excluded as their emissions were deemed negligible/ very minor compared to emissions resulting from activities at our industrial facilities.

Relevance of Scope 1 emissions from this source

Emissions are relevant but not yet calculated

Relevance of location-based Scope 2 emissions from this source

No emissions from this source

Relevance of market-based Scope 2 emissions from this source (if applicable)

Emissions are not evaluated

Explain why this source is excluded

Most of the data pertaining to the reporting year was not available for retrieval. For example, for owned vehicles, GPS system holds data for the most recent three months only; hence the needed data to calculate the emissions for the reporting was not available for retrieval. Elsewedy Electric is working on improving its group-wide ESG data collection and management system to be able to keep records, and maintain a database of the data needed for calculating the emissions from these sources.

Estimated percentage of total Scope 1+2 emissions this excluded source represents

Explain how you estimated the percentage of emissions this excluded source represents

Estimation of emissions could not be determined due to insufficient data. We expect to be able to estimate such percentages as we further develop our corporate-wide ESG data system within the coming year as part of our the Corporate Environmental and Social Management System (C-ESMS) currently under development (as of 2022).

C6.5

(C6.5) Account for your organization's gross global Scope 3 emissions, disclosing and explaining any exclusions.

Purchased goods and services

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO2e)

10146

Emissions calculation methodology

Average data method

Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

Please explain

Categories of purchased goods included packaging materials, office supplies and PPE equipment among other purchased consumables, in which the data is obtained from Elsewedy Electric's procurement department's database. The aggregated consumption of our purchased goods was multiplied by sector specific cradle-to-gate emission factor obtained from DEFRA (UK Government GHG Conversion Factors).

Capital goods

Evaluation status

Relevant, not yet calculated

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

Capital goods emissions are related to fuel use and electricity use during operations are reported under scope 1 and 2. Scope 3 capital goods emissions are not yet calculated because it involves a large amount of data that we do not currently have. Elsewedy Electric is currently working on an ESG data collection and management system, and we expect to be able to provide a figure for capital goods emissions within the next 2 years.

Fuel-and-energy-related activities (not included in Scope 1 or 2)

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO2e)

5361

Emissions calculation methodology

Average data method

Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

Please explain

To capture the maximum climate impacts of transportation, the Well-To-Tank emissions which falls under scope 3 (indirect emissions) were also calculated as part of Elsewedy Electric's emissions. WTT emissions were calculated for all fuel and transportation activities (Owned vehicles fuel burning, leased coasters, employee commuting, and business air travel). Sector & fuel specific WTT emission factors were obtained from DEFRA (UK Government GHG Conversion Factor). Emissions resulting from water consumption and water treatment were also included in this category (emissions associated with the energy used to treat and supply the water to our facilities).

Upstream transportation and distribution

Evaluation status

Relevant, not yet calculated

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

These emissions are associated with the transportation of raw materials and products to our facilities. The emissions were not calculated for the reporting period due to insufficient data which could not be used to perform an accurate calculation/estimation of the emissions. Elsewedy Electric is currently working on a corporate-wide ESG data collection and management system within the coming year as part of our the Corporate Environmental and Social Management System (C-ESMS) currently under development (as of 2022).

Waste generated in operations

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO2e)

1282

Emissions calculation methodology

Waste-type-specific method

Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

Please explain

Waste data including types (material type, hazardous/ non-hazardous) as well as fate, were collected from our industrial facilities, where emissions from waste were then calculated using methodologies and emission factors from Department for Environment Food and Rural Affairs (DEFRA). The emission factors include collection, transportation and landfill emissions ('gate to grave').

Business travel

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO2e)

994

Emissions calculation methodology

Distance-based method

Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

Please explain

Business travel emissions include both land and air travel activities, as well as associated hotel stays data (distance data per type/mean of transport and the number of nights stayed). The emissions were calculated by multiplying the total distance travelled per passenger for each flight category (Domestic, short haul and long haul) by the corresponding emission factor. Sector & fuel specific emission factors, as well hotel stays emissions factors based on the country of stay, were obtained from DEFRA (UK Government GHG Conversion Factors). The Well-to-tank (WTT) emissions resulting from business travel are also accounted for under this category.

Employee commuting

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO2e)

71310

Emissions calculation methodology

Fuel-based method

Distance-based method

Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

Please explain

These emissions were calculated using distances based on the bus routes (for workers and employees commuting) provided per facility, in which number of passengers per bus/ route were considered, while other facilities provided data for fuel consumption for the reporting period. The Emission factors used were obtained from DEFRA's 2019 Conversion Factors sheet considering the type/mode of transportation or based on the fuel type. The Well-to-tank (WTT) emissions resulting from commuting are also accounted for under this category.

Upstream leased assets

Evaluation status

Not relevant, explanation provided

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

Elsewedy Electric does not have any leased assets as of the reporting period.

Downstream transportation and distribution

Evaluation status

Relevant, calculated

Emissions in reporting year (metric tons CO2e)

28178

Emissions calculation methodology

Average data method

Fuel-based method

Distance-based method

Percentage of emissions calculated using data obtained from suppliers or value chain partners

0

Please explain

Downstream emissions are a result of land and maritime transportation of Elsewedy Electric products. Emission factor per tkm (tonne.km) for each mode of transportation (exports) was obtained from DEFRA (UK Government GHG Conversion Factor). While for fleet transportation of products from factories to warehouses, emissions were calculated based on distances travelled for most of the facilities, while for others, emissions were calculated based on fuel consumption data during the reporting period. Sector & fuel specific emission factors, as well hotel stays emissions factors based on the country of stay, were obtained from DEFRA (UK Government GHG Conversion Factors).

Processing of sold products

Evaluation status

Not relevant, explanation provided

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

Elsewedy Electric does not produce any intermediate products.

Use of sold products

Evaluation status

Relevant, not yet calculated

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

We currently do not have enough data to enable the computation of this category's emissions, as we currently working on further developing our corporate-wide ESG data system within the coming year as part of our the Corporate Environmental and Social Management System (C-ESMS) currently under development (as of 2022). We expect to be able to provide this figure within the next 2 years based on the Life Cycle Assessments that we are currently working on conducting for all our products as part of developing their Environmental Product Declarations (EPDs).

End of life treatment of sold products

Evaluation status

Relevant, not yet calculated

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

We currently do not have enough data to enable the computation of this category's emissions, as we currently working on further developing our corporate-wide ESG data system within the coming year as part of our the Corporate Environmental and Social Management System (C-ESMS) currently under development (as of 2022). We expect to be able to provide this figure within the next 2 years based on the Life Cycle Assessments that we are currently working on conducting for all our products as part of developing their Environmental Product Declarations (EPDs).

Downstream leased assets

Evaluation status

Not relevant, explanation provided

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

Elsewedy Electric does not lease any assets to external parties.

Franchises

Evaluation status

Not relevant, explanation provided

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

Elsewedy Electric does not franchise any of its operations.

Investments

Evaluation status

Relevant, not yet calculated

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

Building on our current efforts, we strive to incorporate social and environmental criteria within our investment efforts. We will seek to consider both financial return and sound social/environmental practices. We will develop comprehensive ESG criteria, with ESG assessments for 100% of new projects, strictly aligning investment criteria with sustainability priorities, as part of our Corporate Environmental and Social Management System (C-ESMS) currently under development (as of 2022).

Other (upstream)

Evaluation status

Please select

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

Other (downstream)

Evaluation status

Please select

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

C-CG6.6

(C-CG6.6) Does your organization assess the life cycle emissions of any of its products or services?

	Assessment of life cycle emissions	Comment
Row 1	No, but we plan to start doing so within the next two years	We are currently in the process of developing Environmental Product Declarations (EPDs) for all Elsewedy Electric's products, using sophisticated LCA softwares such as SimaPro. We expect to be able to report product-level emissions within the upcoming two years.

C6.7

(C6.7) Are carbon dioxide emissions from biogenic carbon relevant to your organization?

No

C6.10

(C6.10) Describe your gross global combined Scope 1 and 2 emissions for the reporting year in metric tons CO2e per unit currency total revenue and provide any additional intensity metrics that are appropriate to your business operations.

Intensity figure

0.00380702

Metric numerator (Gross global combined Scope 1 and 2 emissions, metric tons CO2e)

134554

Metric denominator

unit total revenue

Metric denominator: Unit total

39800612

Scope 2 figure used

Location-based

% change from previous year

Direction of change

<Not Applicable>

Reason for change

C7. Emissions breakdowns

C7.1

(C7.1) Does your organization break down its Scope 1 emissions by greenhouse gas type?

No

C7.2

(C7.2) Break down your total gross global Scope 1 emissions by country/region.

Country/Region	Scope 1 emissions (metric tons CO2e)
Egypt	27507
Qatar	1649
Algeria	370
Ethiopia	18
Sudan	125
Bosnia & Herzegovina	21
Slovenia	627
Saudi Arabia	1515

C7.3

(C7.3) Indicate which gross global Scope 1 emissions breakdowns you are able to provide.

By activity

C7.3c

(C7.3c) Break down your total gross global Scope 1 emissions by business activity.

Activity	Scope 1 emissions (metric tons CO2e)
Stationary Combustion (includes on-site burning of natural gas and diesel)	25422
Mobile Combustion (fuel burning by owned vehicles/ fleet)	1817
Fugitive Emissions (emissions associated with refrigerants leakage)	4594

C7.5

(C7.5) Break down your total gross global Scope 2 emissions by country/region.

Country/Region	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
Egypt	68202	
Qatar	9209	
Algeria	9036	
Ethiopia	0.44	
Sudan	1293	
Bosnia & Herzegovina	489	
Slovenia	867	
Saudi Arabia	13626	

C7.6

(C7.6) Indicate which gross global Scope 2 emissions breakdowns you are able to provide.

By activity

C7.6c

(C7.6c) Break down your total gross global Scope 2 emissions by business activity.

Activity	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
Purchased Electricity	101722	

C7.9

(C7.9) How do your gross global emissions (Scope 1 and 2 combined) for the reporting year compare to those of the previous reporting year?

Increased

C7.9a

(C7.9a) Identify the reasons for any change in your gross global emissions (Scope 1 and 2 combined), and for each of them specify how your emissions compare to the previous year.

	Change in emissions (metric tons CO2e)	Direction of change	Emissions value (percentage)	Please explain calculation
Change in renewable energy consumption		<Not Applicable>		
Other emissions reduction activities		<Not Applicable>		
Divestment		<Not Applicable>		
Acquisitions		<Not Applicable>		
Mergers		<Not Applicable>		
Change in output		<Not Applicable>		
Change in methodology		<Not Applicable>		
Change in boundary	79916	Increased	146	For the current reporting period (Jan 2021 to Dec 2021) we expanded our boundaries to include 11 more facilities, in addition to the 7 facilities (first seven in the list below) which were included in the organizational boundaries for the calculation of the previous year emissions of the reporting period : Jan 2020 to Dec 2020. The significant increase in calculated scope 1+2 emissions from 2020 to 2021 amounted to 146%, is attributed to the inclusion of the additional 11 facilities. 1) Egyplast - (Egypt) 2) Iskraemeco (Egypt) 3) United Industries Company (UIC) - (Egypt) 4) Elsewedy Transformers (Egypt) 5) Egytech Cables - (Egypt) 6) Iskraemeco (Slovenia) 7) United Steel Wires (USW) - (Egypt) 8) United Metal (Egypt) 9) SEDCO, ELASTIMOLD (Egypt) 10) ECMEI (Egypt) 11) GIAD Elsewedy (Sudan) 12) Yanbu Al-Sinaiyah (Saudi Arabia) 13) Elsewedy Cables (Algeria) 14) Elsewedy Cables (Ethiopia) 15) Doha Cables (Qatar) 16) Iskraemeco (Bosnia) 17) Elsewedy Electric Infrastructure
Change in physical operating conditions		<Not Applicable>		
Unidentified		<Not Applicable>		
Other		<Not Applicable>		

C7.9b

(C7.9b) Are your emissions performance calculations in C7.9 and C7.9a based on a location-based Scope 2 emissions figure or a market-based Scope 2 emissions figure?

Location-based

C-CG7.10

(C-CG7.10) How do your total Scope 3 emissions for the reporting year compare to those of the previous reporting year?

Increased

(C-CG7.10a) For each Scope 3 category calculated in C6.5, specify how your emissions compare to the previous year and identify the reason for any change.

Purchased goods and services

Direction of change

Increased

Primary reason for change

Change in boundary

Change in emissions in this category (metric tons CO2e)

9767

% change in emissions in this category

999

Please explain

For the reporting period (Jan 2021 to Dec 2021) we expanded our boundaries to include 10 more facilities, in addition to the 7 facilities which were included in the organizational boundaries for the calculation of our emissions in the previous year : Jan 2020 to Dec 2020. This year, we are disclosing emissions from a total of 17 facilities compared to 7 facilities only last year, as well as included emissions from packaging materials (which was not accounted for last year) and this explains the major change in emissions in this category.

Fuel and energy-related activities (not included in Scopes 1 or 2)

Direction of change

Increased

Primary reason for change

Change in boundary

Change in emissions in this category (metric tons CO2e)

3381

% change in emissions in this category

171

Please explain

For the reporting period (Jan 2021 to Dec 2021) we expanded our boundaries to include 10 more facilities, in addition to the 7 facilities which were included in the organizational boundaries for the calculation of our emissions in the previous year : Jan 2020 to Dec 2020. This year, we are disclosing emissions from a total of 17 facilities compared to 7 facilities only last year, and this explains the major change in emissions in this category.

Waste generated in operations

Direction of change

Increased

Primary reason for change

Change in boundary

Change in emissions in this category (metric tons CO2e)

721

% change in emissions in this category

128

Please explain

For the reporting period (Jan 2021 to Dec 2021) we expanded our boundaries to include 10 more facilities, in addition to the 7 facilities which were included in the organizational boundaries for the calculation of our emissions in the previous year : Jan 2020 to Dec 2020. This year, we are disclosing emissions from a total of 17 facilities compared to 7 facilities only last year, and this explains the major change in emissions in this category.

Business travel

Direction of change

Increased

Primary reason for change

Change in boundary

Change in emissions in this category (metric tons CO2e)

652

% change in emissions in this category

191

Please explain

For the reporting period (Jan 2021 to Dec 2021) we expanded our boundaries to include 10 more facilities, in addition to the 7 facilities which were included in the organizational boundaries for the calculation of our emissions in the previous year : Jan 2020 to Dec 2020. This year, we are disclosing emissions from a total of 17 facilities compared to 7 facilities only last year, and this explains the major change in emissions in this category.

Employee commuting

Direction of change

Increased

Primary reason for change

Change in boundary

Change in emissions in this category (metric tons CO2e)

56825

% change in emissions in this category

392

Please explain

For the reporting period (Jan 2021 to Dec 2021) we expanded our boundaries to include 10 more facilities, in addition to the 7 facilities which were included in the organizational boundaries for the calculation of our emissions in the previous year : Jan 2020 to Dec 2020. This year, we are disclosing emissions from a total of 17 facilities compared to 7 facilities only last year, and this explains the major change in emissions in this category.

Downstream transportation and distribution

Direction of change

Increased

Primary reason for change

Change in boundary

Change in emissions in this category (metric tons CO2e)

16104

% change in emissions in this category

133

Please explain

For the reporting period (Jan 2021 to Dec 2021) we expanded our boundaries to include 10 more facilities, in addition to the 7 facilities which were included in the organizational boundaries for the calculation of our emissions in the previous year : Jan 2020 to Dec 2020. This year, we are disclosing emissions from a total of 17 facilities compared to 7 facilities only last year, and this explains the major change in emissions in this category.

C8. Energy

C8.1

(C8.1) What percentage of your total operational spend in the reporting year was on energy?

More than 10% but less than or equal to 15%

C8.2

(C8.2) Select which energy-related activities your organization has undertaken.

	Indicate whether your organization undertook this energy-related activity in the reporting year
Consumption of fuel (excluding feedstocks)	Yes
Consumption of purchased or acquired electricity	Yes
Consumption of purchased or acquired heat	No
Consumption of purchased or acquired steam	No
Consumption of purchased or acquired cooling	No
Generation of electricity, heat, steam, or cooling	No

C8.2a

(C8.2a) Report your organization's energy consumption totals (excluding feedstocks) in MWh.

	Heating value	MWh from renewable sources	MWh from non-renewable sources	Total (renewable and non-renewable) MWh
Consumption of fuel (excluding feedstock)	LHV (lower heating value)	0	132063	132063
Consumption of purchased or acquired electricity	<Not Applicable>	0	224458	224458
Consumption of purchased or acquired heat	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Consumption of purchased or acquired steam	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Consumption of purchased or acquired cooling	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Consumption of self-generated non-fuel renewable energy	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Total energy consumption	<Not Applicable>	0	356521	356521

C8.2b

(C8.2b) Select the applications of your organization's consumption of fuel.

	Indicate whether your organization undertakes this fuel application
Consumption of fuel for the generation of electricity	Yes
Consumption of fuel for the generation of heat	Yes
Consumption of fuel for the generation of steam	No
Consumption of fuel for the generation of cooling	No
Consumption of fuel for co-generation or tri-generation	No

C8.2c

(C8.2c) State how much fuel in MWh your organization has consumed (excluding feedstocks) by fuel type.

Sustainable biomass

Heating value

Total fuel MWh consumed by the organization

MWh fuel consumed for self-generation of electricity

MWh fuel consumed for self-generation of heat

MWh fuel consumed for self-generation of steam

<Not Applicable>

MWh fuel consumed for self-generation of cooling

<Not Applicable>

MWh fuel consumed for self- cogeneration or self-trigeneration

<Not Applicable>

Comment

Other biomass

Heating value

Total fuel MWh consumed by the organization

MWh fuel consumed for self-generation of electricity

MWh fuel consumed for self-generation of heat

MWh fuel consumed for self-generation of steam

<Not Applicable>

MWh fuel consumed for self-generation of cooling

<Not Applicable>

MWh fuel consumed for self- cogeneration or self-trigeneration

<Not Applicable>

Comment

Other renewable fuels (e.g. renewable hydrogen)

Heating value

Total fuel MWh consumed by the organization

MWh fuel consumed for self-generation of electricity

MWh fuel consumed for self-generation of heat

MWh fuel consumed for self-generation of steam

<Not Applicable>

MWh fuel consumed for self-generation of cooling

<Not Applicable>

MWh fuel consumed for self- cogeneration or self-trigeneration

<Not Applicable>

Comment

Coal

Heating value
Please select

Total fuel MWh consumed by the organization

MWh fuel consumed for self-generation of electricity

MWh fuel consumed for self-generation of heat

MWh fuel consumed for self-generation of steam
<Not Applicable>

MWh fuel consumed for self-generation of cooling
<Not Applicable>

MWh fuel consumed for self- cogeneration or self-trigeneration
<Not Applicable>

Comment

Oil

Heating value
LHV

Total fuel MWh consumed by the organization
22788

MWh fuel consumed for self-generation of electricity
15041

MWh fuel consumed for self-generation of heat
7747

MWh fuel consumed for self-generation of steam
<Not Applicable>

MWh fuel consumed for self-generation of cooling
<Not Applicable>

MWh fuel consumed for self- cogeneration or self-trigeneration
<Not Applicable>

Comment

The reported data includes consumption of diesel fuel by on-site diesel generators for electricity generation as well as gasoline/petrol and diesel by owned vehicles/ fleet. Average fuel conversion factors (100 litres/km) of the types of vehicles owned, were used to calculate the average total energy consumed as a result of fuel consumption by Elsewedy Electric's owned vehicles.

Gas

Heating value
LHV

Total fuel MWh consumed by the organization
109276

MWh fuel consumed for self-generation of electricity
0

MWh fuel consumed for self-generation of heat
109276

MWh fuel consumed for self-generation of steam
<Not Applicable>

MWh fuel consumed for self-generation of cooling
<Not Applicable>

MWh fuel consumed for self- cogeneration or self-trigeneration
<Not Applicable>

Comment

This includes the consumption of natural gas at our industrial facilities for heat generation.

Other non-renewable fuels (e.g. non-renewable hydrogen)

Heating value

Total fuel MWh consumed by the organization

MWh fuel consumed for self-generation of electricity

MWh fuel consumed for self-generation of heat

MWh fuel consumed for self-generation of steam

<Not Applicable>

MWh fuel consumed for self-generation of cooling

<Not Applicable>

MWh fuel consumed for self- cogeneration or self-trigeneration

<Not Applicable>

Comment

Total fuel

Heating value

LHV

Total fuel MWh consumed by the organization

132064

MWh fuel consumed for self-generation of electricity

15041

MWh fuel consumed for self-generation of heat

117023

MWh fuel consumed for self-generation of steam

<Not Applicable>

MWh fuel consumed for self-generation of cooling

<Not Applicable>

MWh fuel consumed for self- cogeneration or self-trigeneration

<Not Applicable>

Comment

The reported data includes consumption of diesel fuel by on-site diesel generators for electricity generation as well as gasoline/petrol and diesel by owned vehicles/ fleet. in addition to consumption of natural gas at our industrial facilities for heat generation.

C8.2g

(C8.2g) Provide a breakdown of your non-fuel energy consumption by country.

C-CG8.5

(C-CG8.5) Does your organization measure the efficiency of any of its products or services?

	Measurement of product/service efficiency	Comment
Row 1	No, but we plan to start doing so within the next two years	

C9. Additional metrics

C9.1

(C9.1) Provide any additional climate-related metrics relevant to your business.

C-CE9.6/C-CG9.6/C-CH9.6/C-CN9.6/C-CO9.6/C-EU9.6/C-MM9.6/C-OG9.6/C-RE9.6/C-ST9.6/C-TO9.6/C-TS9.6

(C-CE9.6/C-CG9.6/C-CH9.6/C-CN9.6/C-CO9.6/C-EU9.6/C-MM9.6/C-OG9.6/C-RE9.6/C-ST9.6/C-TO9.6/C-TS9.6) Does your organization invest in research and development (R&D) of low-carbon products or services related to your sector activities?

	Investment in low-carbon R&D	Comment
Row 1	Yes	We are continuously working on developing and innovating our products to enhance their efficiency in terms of resources consumption as well as enhance and reduce their environmental impact, this includes examples such as optimizing our smart meters products, cables (carbon-neutral cables), and transformers.

(C-CG9.6a) Provide details of your organization's investments in low-carbon R&D for capital goods products and services over the last three years.

C10. Verification

C10.1

(C10.1) Indicate the verification/assurance status that applies to your reported emissions.

	Verification/assurance status
Scope 1	Third-party verification or assurance process in place
Scope 2 (location-based or market-based)	Third-party verification or assurance process in place
Scope 3	Third-party verification or assurance process in place

C10.1a

(C10.1a) Provide further details of the verification/assurance undertaken for your Scope 1 emissions, and attach the relevant statements.

Verification or assurance cycle in place

Annual process

Status in the current reporting year

Underway but not complete for reporting year – previous statement of process attached

Type of verification or assurance

Limited assurance

Attach the statement

Quality Assurance Statement - CFP 2020 - Sewedy.pdf

Page/ section reference

The quality assurance statement (limited statement) is included within our publicly disclosed Carbon Footprint Report 2020 on pages 78-81. Full link to the report is below:
<https://www.elsewedyelectric.com/media/4373/cfp-2020.pdf>

Relevant standard

ISO14064-1

Proportion of reported emissions verified (%)

100

C10.1b

(C10.1b) Provide further details of the verification/assurance undertaken for your Scope 2 emissions and attach the relevant statements.

Scope 2 approach

Scope 2 location-based

Verification or assurance cycle in place

Annual process

Status in the current reporting year

Underway but not complete for reporting year – previous statement of process attached

Type of verification or assurance

Limited assurance

Attach the statement

Quality Assurance Statement - CFP 2020 - Sewedy.pdf

Page/ section reference

The quality assurance statement (limited statement) is included within our publicly disclosed Carbon Footprint Report 2020 on pages 78-81. Full link to the report is below:
<https://www.elsewedyelectric.com/media/4373/cfp-2020.pdf>

Relevant standard

ISO14064-1

Proportion of reported emissions verified (%)

100

C10.1c

(C10.1c) Provide further details of the verification/assurance undertaken for your Scope 3 emissions and attach the relevant statements.

Scope 3 category

Scope 3: Purchased goods and services
Scope 3: Fuel and energy-related activities (not included in Scopes 1 or 2)
Scope 3: Waste generated in operations
Scope 3: Business travel
Scope 3: Employee commuting
Scope 3: Downstream transportation and distribution

Verification or assurance cycle in place

Annual process

Status in the current reporting year

Underway but not complete for reporting year – previous statement of process attached

Type of verification or assurance

Limited assurance

Attach the statement

Quality Assurance Statement - CFP 2020 - Sewedy.pdf

Page/section reference

The quality assurance statement (limited statement) is included within our publicly disclosed Carbon Footprint Report 2020 on pages 78-81. Full link to the report is below:
<https://www.elsewedyelectric.com/media/4373/cfp-2020.pdf>

Relevant standard

IS)14064-1

Proportion of reported emissions verified (%)

100

C10.2

(C10.2) Do you verify any climate-related information reported in your CDP disclosure other than the emissions figures reported in C6.1, C6.3, and C6.5?

No, but we are actively considering verifying within the next two years

C11. Carbon pricing

C11.1

(C11.1) Are any of your operations or activities regulated by a carbon pricing system (i.e. ETS, Cap & Trade or Carbon Tax)?

No, and we do not anticipate being regulated in the next three years

C11.2

(C11.2) Has your organization originated or purchased any project-based carbon credits within the reporting period?

No

C11.3

(C11.3) Does your organization use an internal price on carbon?

No, and we do not currently anticipate doing so in the next two years

C12. Engagement

C12.1

(C12.1) Do you engage with your value chain on climate-related issues?

No, we do not engage

C12.1e

(C12.1e) Why do you not engage with any elements of your value chain on climate-related issues, and what are your plans to do so in the future?

We are currently working on developing and implementing a Corporate Environmental and Social Management System (C-ESMS) in which we will develop a group overarching stakeholder engagement plan that will cover our suppliers, customers, and other partners in the value chain.

C12.2

(C12.2) Do your suppliers have to meet climate-related requirements as part of your organization's purchasing process?

No, but we plan to introduce climate-related requirements within the next two years

C12.3

(C12.3) Does your organization engage in activities that could either directly or indirectly influence policy, law, or regulation that may impact the climate?

Row 1

Direct or indirect engagement that could influence policy, law, or regulation that may impact the climate

No

Does your organization have a public commitment or position statement to conduct your engagement activities in line with the goals of the Paris Agreement?

<Not Applicable>

Attach commitment or position statement(s)

<Not Applicable>

Describe the process(es) your organization has in place to ensure that your engagement activities are consistent with your overall climate change strategy

Primary reason for not engaging in activities that could directly or indirectly influence policy, law, or regulation that may impact the climate

Important but not an immediate priority

Explain why your organization does not engage in activities that could directly or indirectly influence policy, law, or regulation that may impact the climate

C12.4

(C12.4) Have you published information about your organization's response to climate change and GHG emissions performance for this reporting year in places other than in your CDP response? If so, please attach the publication(s).

Publication

Other, please specify (Annual Carbon Footprint Report)

Status

Underway – previous year attached

Attach the document

sewedey-cfp report-2020-1612_compressed.pdf

Page/Section reference

All sections.

Content elements

- Strategy
- Emissions figures
- Emission targets
- Other metrics

Comment

The Carbon Footprint Analysis uniquely approaches the issue of sustainability by reference to the overall emissions related to our operations. The annual footprint accounting report also enables us to benchmark performance indicators and evaluate progress over time. The 2020 report provides Elsewedy Electric and its stakeholders with a detailed account of the footprint of the organization's operations in its 7 factories across Egypt and Slovenia, this included United industries, Iskraemeco Slovenia and Egypt, Egytech cables and Elsewedy Cables, United Steel Wires, Elsewedy for plastic industry (Egyplast) and Elsewedy Transformers. The report also sets our basis for effective climate action, combining efforts by clearly describing areas of our climate impact and highlighting points of intervention needed to significantly reduce Greenhouse gases (GHG) emissions in over decades. Our 2021 Carbon Footprint report is expected to be published by Q3-Q4 2022, covering the emissions data of 17 industrial facilities, along with updated emissions targets and progress of our decarbonization roadmap and climate targets.

Publication

In voluntary sustainability report

Status

Underway – previous year attached

Attach the document

Sewedy SR 20.pdf

Page/Section reference

Content elements

- Governance
- Strategy
- Risks & opportunities
- Emissions figures
- Emission targets

Comment

C15. Biodiversity

C15.1

(C15.1) Is there board-level oversight and/or executive management-level responsibility for biodiversity-related issues within your organization?

	Board-level oversight and/or executive management-level responsibility for biodiversity-related issues	Description of oversight and objectives relating to biodiversity	Scope of board-level oversight
Row 1	Yes, executive management-level responsibility	Elsewedy Electric is committed to conducting its business ethically and effectively, while fostering innovation and collaboration across all of its operations. During the creation of Elsewedy Electric's 2020-2023 corporate strategy, the company's Board of Directors engaged in a number of discussions and briefing meetings in order to enhance their knowledge of sustainability efforts, the company's impacts, and relevant stakeholders and allow them to establish the company's new strategy with sustainability at its core. The Board has delegated its authorities in ensuring sustainability to the company's CEO, who is responsible for assessing and mitigating risks as well as instating sound operational practices across the economic, environmental, and social spheres that achieve the goals set by the Board and comply with existing commitments such as the UN Global Compact. Data collection on sustainability matters across the company's operations is headed by the sustainability focal points from each relevant department across the subsidiaries, which is later reported to the CEO. The department issues periodic reports and updates to the CEO for review, discussion, and decision-making on relevant matters. Elsewedy Electric's CEO and department heads are tasked with accounting for the company's sustainability objectives across our entire value chain and this includes biodiversity-related issues. The heads of departments periodically consult with our sustainability focal points to ensure continued alignment between the company's operations and corporate sustainability strategy. Elsewedy Electric's Board of Directors is occasionally required to be involved when disruptive risks arise in order to manage these risks in a way that allows for the continued advancement of the company's sustainability objectives.	<Not Applicable>

C15.2

(C15.2) Has your organization made a public commitment and/or endorsed any initiatives related to biodiversity?

	Indicate whether your organization made a public commitment or endorsed any initiatives related to biodiversity	Biodiversity-related public commitments	Initiatives endorsed
Row 1	Yes, we have made public commitments only	Commitment to No Net Loss Commitment to not explore or develop in legally designated protected areas Commitment to respect legally designated protected areas Commitment to avoidance of negative impacts on threatened and protected species	<Not Applicable>

C15.3

(C15.3) Does your organization assess the impact of its value chain on biodiversity?

	Does your organization assess the impact of its value chain on biodiversity?	Portfolio
Row 1	No, but we plan to assess biodiversity-related impacts within the next two years	<Not Applicable>

C15.4

(C15.4) What actions has your organization taken in the reporting year to progress your biodiversity-related commitments?

	Have you taken any actions in the reporting period to progress your biodiversity-related commitments?	Type of action taken to progress biodiversity- related commitments
Row 1	Yes, we are taking actions to progress our biodiversity-related commitments	Land/water protection Land/water management Law & policy

C15.5

(C15.5) Does your organization use biodiversity indicators to monitor performance across its activities?

	Does your organization use indicators to monitor biodiversity performance?	Indicators used to monitor biodiversity performance
Row 1	No, we do not use indicators, but plan to within the next two years	Please select

C15.6

(C15.6) Have you published information about your organization's response to biodiversity-related issues for this reporting year in places other than in your CDP response? If so, please attach the publication(s).

Report type	Content elements	Attach the document and indicate where in the document the relevant biodiversity information is located
In voluntary sustainability report or other voluntary communications	Content of biodiversity-related policies or commitments	Sewedy SR 20.pdf
Other, please specify (Environmental Policy 2022)	Content of biodiversity-related policies or commitments	Page 2 - Priority Areas of Action: Safeguard Biodiversity elsewedy-group-environmental-policy-2022.pdf
Other, please specify (Group Sustainability Strategy)	Content of biodiversity-related policies or commitments	Page 16 - Protecting Ecosystems and Biodiversity elsewedy-electric-sustainability-strategy-2020-2023.pdf

C16. Signoff

C-FI

(C-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.

Add CFP reports from 2017

Add link to UNGC Report

sewedy-cfp report-2020-1612_compressed.pdf
Sewedy SR 20.pdf

C16.1

(C16.1) Provide details for the person that has signed off (approved) your CDP climate change 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 confirm below

I have read and accept the applicable Terms