

SOLB MISR صلب مصر



شركة السويس للصلب
SUEZ STEEL CO.



Suez steel Sustainability Overview

Commitment to Sustainability

Suez Steel Company

- Does not compromise when it comes to the health and safety issues of its employees, and other people who may be affected by the company operations, Strict quality and safety management system is in place with full compliance to international standards and practices.
- Makes sure that using top-notch technology ensures environmental protection, mainly through recycled steel use, energy saving, and air protection, also we have constructed plants with the sole aim of eliminating any potential environmental hazards.
- Deploys serious efforts towards eliminating the adverse impact of steel production on the environment and has taken the necessary steps to implement additional air protection processes and equipment, including dust collection systems and high-efficiency burners.

Fume Treatment Plant

The electric arc steel-making process generates a considerable number of fumes, which must be collected, filtered, and cleaned before being released into the atmosphere. The fume treatment plant meets local and international emission standards, by capturing both primary and secondary fume emissions within the steel melting plants.

Slag Treatment Plant

The plant allows the recycling and reuse of materials as an alternative to exploiting natural resources. It separates slag from its metal content and crushes it into .four different sizes, that can be reused in other industries, according to the National Slag Association regulations





Together We Can

Suez Steel Company considers its human resources as the most important asset. Employees, individually and collectively contribute to the achievement of the strategic objectives of the organization. That's why we attract and inspire people to work for the company.

Employees are continuously encouraged and supported by the management to develop their capacities within the company to the maximum limit, which can be achieved through continuous training and knowledge transfer.





Stakeholder identification

Stakeholder	Communication tool	Needs & Expectations
Top management, shareholders	<ul style="list-style-type: none"> - Periodic meetings - Mails - Periodic reports 	<ul style="list-style-type: none"> - Providing the company's needs with the required quality, appropriate price, and specified period to ensure workflow, increase production, and ensure the sustainability of the production process - Submit periodic and non-periodic reports that contribute to measuring performance according to the content of the report. - Contribute to the preparation, processing, and editing of files and reports of board meetings and completing them on Time - Financial profitability and sustainable business growth
All company departments	<ul style="list-style-type: none"> - Mails - Meetings 	<ul style="list-style-type: none"> - Providing the needs of factories and departments on time, at the best prices and the required quality Provide complete technical studies with all data and submit them in time for decision-making before the specified supply date - Regular environmental measurements. - Awareness of the need to adhere to the safe handling of chemicals and hazardous materials.
SSC Employees	<ul style="list-style-type: none"> - Meetings - Mails - 	<ul style="list-style-type: none"> - To be developed and compensated fairly and according to company policies to get all their rights - Safe work environment.
Regulators and governmental entities	<ul style="list-style-type: none"> - Letters - Audits - Inspections - Meetings 	<ul style="list-style-type: none"> - Dealing with government agencies while preserving the rights of the company and leaving a good impression on those agencies by following the laws and legislation governing the activity - Ensure the effective implementation of laws and regulations. - Good communication flow between Suez Steel Company and governmental entities. - Fully aware of the new updates of laws and legislation.
Banks	<ul style="list-style-type: none"> - Letters - Meetings - contracts 	<ul style="list-style-type: none"> - Adhere to the terms of the contracts for the facilities granted, as well as the dates for payment of dues, following what is stipulated in the contracts.
Certification bodies	<ul style="list-style-type: none"> - Meetings - Letters - Mails 	<ul style="list-style-type: none"> - Compliance with the requirements of all ISO and sustainability standards. - Facilitate the work of auditors during the visit. - Compliance with legal requirements.
Consultation - bodies	<ul style="list-style-type: none"> - Meetings - Letters 	<ul style="list-style-type: none"> - Implementation of all the recommendations of the consulting body related to the ISO and sustainability items and their application.



Stakeholder	Communication tool	Needs & Expectations
	- Mails	<ul style="list-style-type: none"> - Compliance with the requirements of all ISO and sustainability standards. - Compliance with legal requirements. - Facilitate the tasks of the consultation body.
- suppliers (product or service)	<ul style="list-style-type: none"> - Meetings - Letters - Mails 	<ul style="list-style-type: none"> - Completion of inspections of materials that are supplied to warehouses quickly so that the supplier can recover his dues. - Facilitate the supplier's tasks during the process of supplying the product, service, or maintenance work. - Ease of communication, facilitation of work procedures, clarification of requirements, and timely payment of dues - Commitment to the terms of the contract - Preserving the supplier's property and intellectual rights - Evaluating the supplier effectively reflects its - Providing the necessary spare parts for the maintenance work carried out by the supplier - Improving their process by providing training and awareness about the new requirements in the market.
Customer -	<ul style="list-style-type: none"> - Meetings - Letters - Mails - Surveys 	<ul style="list-style-type: none"> - Providing high-quality products at competitive prices. - Respond to any inquiries. - Solve any complaints if appear (effectively and on time)
- The surrounding environment/ Neighboring factories and companies	- Letters	- Providing support to all parties surrounding the company to contribute to the development of the surrounding environment and to participate in resolving emergency crises.
- Society	<ul style="list-style-type: none"> - Seminars - Conferences 	<ul style="list-style-type: none"> - Raise awareness about protecting nature and reducing the impact of climate change through effective community participation. - Increase annual social initiatives
- Local communities (Schools and Universities)	<ul style="list-style-type: none"> - Meetings - Training programs 	<ul style="list-style-type: none"> - Train the students during the summer holiday to develop society - Sponsoring Students in cooperation with STA to have a future talent pool for recruitment

Materiality matrix

According to the Suez steel metric, we classified 4 categories of materiality matrix based on the importance of the organization's strategy and the stakeholders' interest as follows:

- For more interpretation the category of high -high will be in the category of Suez steel metric very high.
- According to the SCS materiality matrix we decide to take some aspects of high -low and low-high categories to be embedded in high and medium categories of Suez steel metric.
- And finally, the category of low-low will be in the category of Suez steel

Very high	High
1. Safe and Healthy Working Conditions 2. Customer focus 3. QHSEES compliance (quality, health, safety environment, energy & security) 4. GWP and GHG emissions 5. Air emissions 6. Health and Safety performance 7. Human Rights 8. Energy Use 9. Water Use 10. Waste 11. Modern slavery 12. Emergency preparedness and responsiveness 13. Product cost 14. supply chain management	15. market presence 16. Skills and Training 17. Local purchasing 18. Fair payment practices 19. Fair wages
Medium	Low
20. Child Labour 21. Pursuing Innovation 22. Gender Equality 23. Community relations 24. Primary Material Use and Materials Efficiency 25. Renewable Energy use 26. Stable Employment 27. Emissions to water	28. Eco-toxicity 29. Biodiversity 30. Transport 31. Supporting SME's 32. Freedom of Association

Materiality matrix criteria according to SCS	SSC metric
High-high	Very high
High-low	High
Low-high	Medium
Low-low	low

metric low

Sustainability objectives





Maturity
matrix

Sus. principles	Practice	Maturity			Objectives /plans /programs
		Immature	Engaged	Proactive and learning	
Inclusively	Stakeholder identification and mapping			A comprehensive list of stakeholders has been created, communication matrix updated semi-annual customer complaints stakeholder complaints follow-up	1. The policy, and manual 2. Factory information given by Internet, meetings, etc. be reported 3. stakeholder and complaints 4. Communication procedure 5. stakeholder list publication
	Open engagement in various formats for various stakeholders			Relationships between our employers, investors, suppliers, customers, local people, and media transparency and information. Stakeholders opinions have been collected to identify the stakeholder priorities	1. Stakeholder survey evaluations. 2. Communication procedure 3. Records of correspondence. And complaints if any.
	Stakeholder issue identification		identify stakeholder priorities and suggestions, stakeholder opinions have been collected by various modes of communication, (mail, company website)		1. Records of correspondence 2. communication matrix. 3. commercial procedure 4. sales procedure
	Communication of organization response to issues raised		Issues are resolved by using various modes of communication like emails, phone, meetings, etc		1. Stakeholder communication matrix 2. Communication procedure 3. Records of correspondence.
Integrity	The leadership has shown - clear			ISO 9001, ISO 14001, ISO 45001 and SCS Sustainability Management system certifications	1 ISO 9001-14001 and ISO 45001 certifications 2-policies

Sus. principles	Practice	Maturity			Objectives /plans /programs
		Immature	Engaged	Proactive and learning	
	Accountabilities documented				3-Sustainability Management system certifications
	Code of Conduct adopted			Management system policy, supply chain ethical principles, and objectives integrated with organizational purpose, vision, and values	1. code of conduct policy 2. Objectives and Targets 3. company by-laws
	Integrity risks identified and managed			Environmental Aspect Impact Register, Hazard Identification, Risk Assessment Register, Risk and Opportunity Register	1. Business risk procedure 2. Risk management system procedure 3. Risk Analysis 4. Risk Registers
Stewards hip	Sustainable development culture			Sustainability Management system certification Sustainability Objectives Sustainability risks and opportunities	1. Sustainability annual report 2. sustainability policy 3. sustainability awareness to all levels of employees
	Responsible/Sustainable Supply chain approach adopted			Suppliers' evaluation based on sustainability criteria Suppliers were selected from firms which approvals to ISO 9001 ISO 14001 and ISO 45001. Sustainability aspects of the Location of the suppliers and type of material used have been taken into account. promoting local purchasing commercial procedure	1. sustainability policy 2. sustainable procurement policy 3. responsibility to sustainability principles policy
	Systematic Environmental Management			ISO 14001 certificate Potential environmental impacts and risks have been investigated and decisions on	1. Environmental Aspect Impact Register 2. ISO 14001 Certificate

Sus. principles	Practice	Maturity			Objectives /plans /programs
		Immature	Engaged	Proactive and learning	
				work have been. made Environmental permits and licenses, Environmental impact assessment for new projects	3. Life Cycle assessment 4. carbon footprint report
	Systematic Social Management			Applying the Employment and social rights principle Avoiding child labor, forced labor Applying Egyptian laws and company by-laws	1. Human Right Policy 2. recruitment procedure 3. social management procedure
	Systematic Economic Management			Top management provides support for the local economy and improves ethical supply chain practices.	1. sustainability policies 2. commercial procedure
	Skills and training		Numbers of training have been given based on annual plans for career and skills development and knowledge transfer.	EL Sewedy Academy for secondary students to deliver vocational education in Al-Sewedy Academy	1. Human Resource Procedures 2. Training Records 3. Targets on career development
	Career development			Methods have been created for performing and assessing increasing conscious level, implementing management systems efficiently , planning necessary training, to provide continually improvement	1. Training procedure 2. Training plan 3. Training Records
Transpa rency	Identify appropriate metrics/KPIs			sustainability Performance indicators of all departments have been identified and followed up Record of Sustainability Management, Record of Environmental	1. Objectives and Targets 2. Risk registers

Sus. principles	Practice	Maturity			Objectives /plans /programs
		Immature	Engaged	Proactive and learning	
				Aspects, Record of Social Aspects, Record of Economic Aspects	
	Monitor performance			Occupational Health and Safety Procedure Environmental Management System Procedures	1. objectives and targets 2. action plans 3. KPIs
	Publicly report management practices and performance			SSC website: www.solbmisr.com	Web: www.solbmisr.com
	Review performance		Performance indicators have been reviewed annually or semi-annually in Top Management Review		1. Management Review Meetings 2. management reviews the minutes of the meeting 3. Environmental product declaration that will be published on the company website 4. sustainability report that will be available on company website



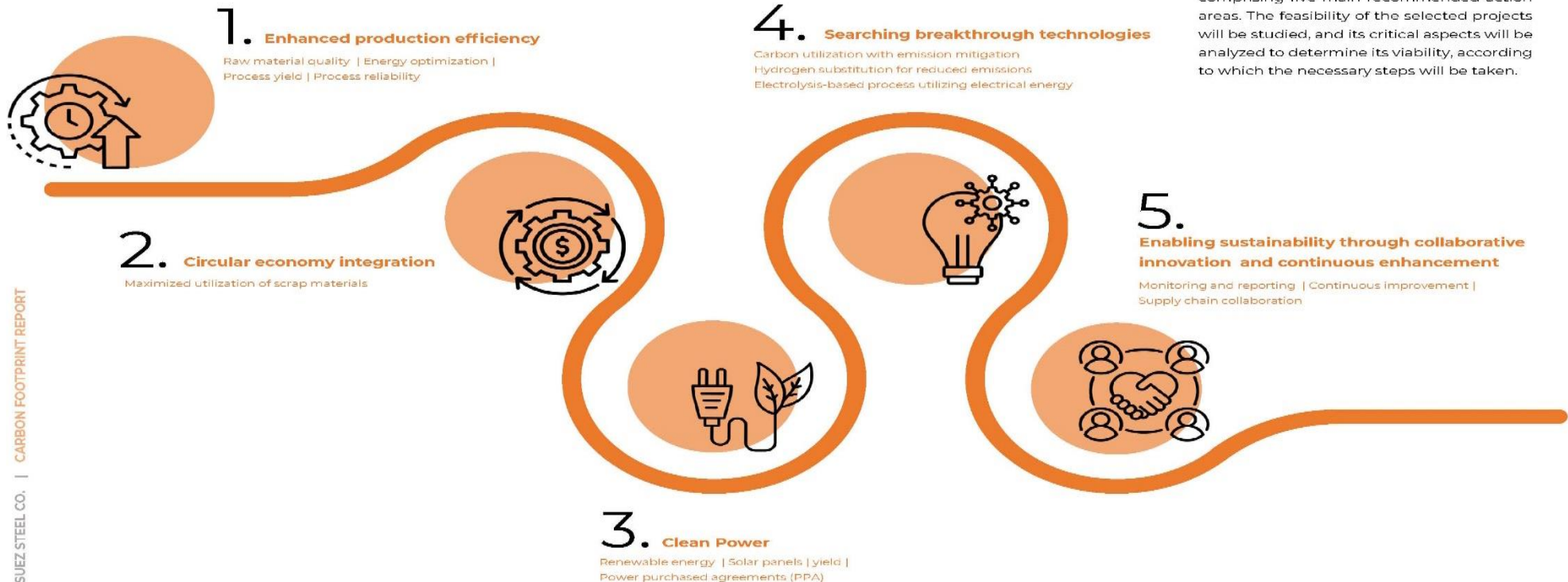
Global warming and decarbonization plan

2022

DECARBONIZATION PLAN

Suez Steel Company, as an integral player within the steel industry in Egypt, supports the objectives of the Paris Agreement. Our relentless pursuit of avenues to reduce CO₂ emissions has been an unwavering focus. Our study to reduce carbon dioxide emissions revealed certain pivotal elements emerge as catalysts for industrial decarbonization.

To reduce our carbon footprint, Suez Steel Company has established a preliminary plan comprising five main recommended action areas. The feasibility of the selected projects will be studied, and its critical aspects will be analyzed to determine its viability, according to which the necessary steps will be taken.





Key Performance indicators

KPI	Unit	Organizations Input (Previous Reporting Period)	Organizations Input (Reporting Period)
Gender Pay Equality			
Average (median) income of men	Local Currency	15,180.00	17,000.00
Average (median) income of women	Local Currency	14,880.00	16,700.00

KPI	Unit	Organizations Input (Previous Reporting Period)	Organizations Input (Reporting Period)
Gender Equality			
The percentage split in the gender of the total workforce expressed as %Male/%Female	%/%	98%/2%	98.2%/1.8%

KPI	Unit	Organizations Input (Previous Reporting Period)	Organizations Input (Reporting Period)
Lost time injury frequency rate (LTIFR) LTIFR: (LTI) / (WH / 1,000,000)			
Total number of lost time injuries of employees and permanent contractors (if any) during the data collection/reporting period - LTI	-	45.00	27.00
Total number of work hours of employees and permanent contractors (if any) during the data collection/reporting period - WH	-	6,273,280.00	6,273,280.00
LTIFR	-	7.17	4.30
Change	%	-40%	



Traceability of final products

Since traceability of a product is very crucial for clients to follow every step of a product's origin. For raw material traceability, SSC purchases iron oxide pellets from well-known pellet producers across the world, which can be traced back to the origins of the delivery packages from vendors. Comparably, steel scrap that is purchased domestically or internationally can be tracked down to the supplier or dealer. Well-known throughout the world, the raw material suppliers are dedicated to enhancing labor conditions, human rights, and health and safety standards.

For Semi-final products (billets) that have passed the last inspection, they are sent to the racks of Rolling Mills billets for rolling, identifiable by heat number and steel grade. All final products (rebars, coils, spools,) which have passed the final inspection (Dimension, Unit Weight, and Surface), are arranged in the racks designated for finished products and can be recognized by at least two labels produced from a durable material (ex: Graphioplast "PCP" Plastic Coated Paper) and can withstand up to 300 C°, these labels identify the product by:

- Production date, working shift, working group, Heat Number & Work order

- Product size, grade & standard

- Packing information

The labels also have different colors corresponding to the grade of steel, and all rebar bundles will be painted with colors corresponding to size. Additionally, upon product shipping to the customer, a material test certificate is provided that enables customers to follow the production history

each packing unit (bundle, coil, spool) is given a unique product serial printed on its label. The serial consists of 18 digits as follows:

Note 1: The heat number consists of 5 digits (1 for Steel plant + 4 for heat serial number)

Note 2: The date is in the format of YYMMDD

Note 3: P (digit 12) is the plant/product type as follows:

K: RM1/ Rebar C: RM2/ Coils S: RM2/ Spool R: RM2/ Rebar in coils L: RM3/ Rebar

Note 4: The last three digits of the serial is an automatic unit counter cycling from 001 to 999 & restarts at the beginning of each production day.

Waste management

Reduce

- SSC minimize the amount of waste produced, by using high quality of used raw material in a way that reduces the generation of waste, their waste components and the waste generated during production as well as after the consumption of the material or product;

Reuse

- SSC seeks to re-use a product or rejected material more than once, by re-using rejected billets, shorts and trimmings as an input for new materials and products;

Recycle

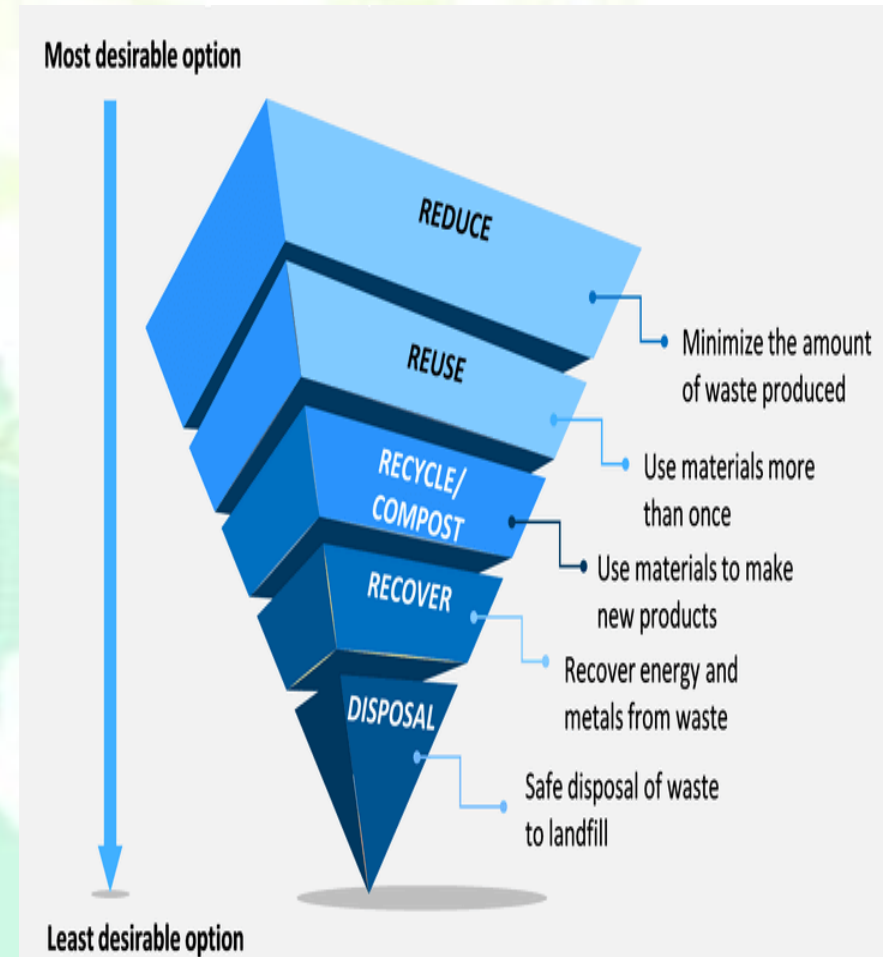
- SSC use the material to make new products, this includes the separation of materials from the waste stream and its processing as raw materials or products. The foundation of the 'cradle-to-cradle' waste management approach is the first elements of the waste management hierarchy;

Recover

- SSC recover energy and metals from waste, by extracting metallic elements from slag to be used again in steel plants, some types of wastes used to increase thermal energy in steel plants.

Disposal

- hazard and nonrecyclable materials are disposed in landfills, in accordance with the principles of environmental regulations



Waste management hierarchy