



Our decarbonization journey

Update: 2024

NET
ZERO

01. Introduction

Tubacex ESG plan top priorities

1



Move towards neutrality and foster business circularity

Reduce our environmental footprint, acting as an active player in decarbonization, efficiency and circularity.

- 🎯 <64% Scope 1+2 and <55% Scope 3 by 2030
- 🎯 >40% green energy (2030)
- 🎯 Net Zero (2050)
- 🎯 >95% circularity of waste (2030)

2



Innovative solutions for the energy transition

Participate in innovative initiatives that lead the energy transition and offer our technological capability to our customers and to business diversification.

- 🎯 Invoicing of €50 million from new sources of energy (2027)
- 🎯 80% of R&D projects towards the energy transition (2027)

3



Take care of our people and our communities

Develop a safe, inclusive and equitable environment, contributing to social development wherever we operate.

- 🎯 Reduce accidents by 75% (2030 v 2019)
- 🎯 Train 100% of staff in ESG (2030)
- 🎯 1% profit to social action

4



Do the right thing and encourage transparency

Foster a culture of transparency and integrity, based on ethical principles and fulfillment, incorporating the best good governance practices.

- 🎯 A remuneration scheme linked to ESG
- 🎯 A sustainable financing framework (2023)
- 🎯 100% of suppliers assessed using ESG criteria (2025)

02. Moving towards neutrality GHG emissions



Cuestiones relevantes (7 de 26)

¿Por qué algunas cuestiones se muestran atenuadas?

Medio ambiente

Capital social

Capital humano

Modelo de negocio e innovación

Liderazgo y gobernanza

Emisiones de GEI

Calidad del aire

Gestión de la energía

Gestión del agua y las aguas residuales

Gestión de residuos y materiales peligrosos

Impactos ecológicos

Derechos humanos y relaciones comunitarias

Privacidad del cliente

Seguridad de los datos

Acceso y asequibilidad

Calidad y seguridad de los productos

Bienestar del cliente

Prácticas de venta y etiquetado de productos

Prácticas laborales

Salud y seguridad de los empleados

Compromiso de los empleados, diversidad e inclusión

Gestión del diseño y el ciclo de vida de los productos

Resistencia

Resistencia

Gestión

suministro

Abastecimiento

los recursos

Impactos

climáticos

Ética empresarial

Materials

Steel

Search for a sub-industry

Clear

Environmental

Issue	Average Weight		
Carbon Emissions	12.9%	■ ■ ■ ■ ■	✎
Toxic Emissions & Waste	12.9%	■ ■ ■ ■ ■	✎
Water Stress	12.9%	■ ■ ■ ■ ■	✎
CS Biodiversity & Land Use	3%	■	✎
Raw Material Sourcing			✎
Product Carbon Footprint			✎
Climate Change Vulnerability			✎
Financing Environmental Impact			✎
Electronic Waste			✎
Opportunities in Renewable Energy			✎
Opportunities in Green Building			✎
Opportunities in Clean Tech			✎
Packaging Material & Waste			✎

Social

Issue	Average Weight		
Health & Safety	12.8%	■ ■ ■ ■ ■	✎
Labor Management	9.9%	■ ■ ■ ■ ■	✎
CS Community Relations	2.7%	■	✎
Product Safety & Quality			✎
Consumer Financial Protection			✎
Privacy & Data Security			✎
Responsible Investment			✎
Controversial Sourcing			✎
Access to Finance			✎
Access to Health Care			✎
Opportunities in Nutrition & Health			✎
Supply Chain Labor Standards			✎
Chemical Safety			✎
Human Capital Development			✎

Governance

Issue	Average Weight		
Governance	33%	■ ■ ■ ■ ■	✎
Ownership & Control			
Board			
Pay			
Accounting			
Business Ethics			
Tax Transparency			

GHG emissions are at the top of the issues relevant to our industry

03. Moving towards neutrality

SBTi commitments

December 2020

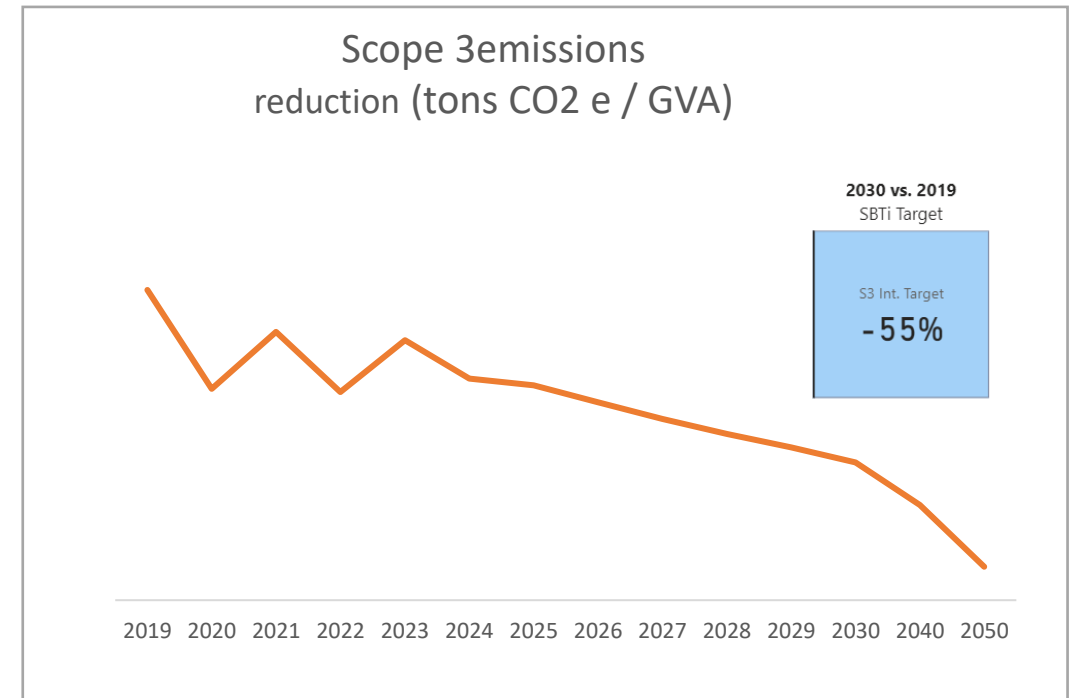
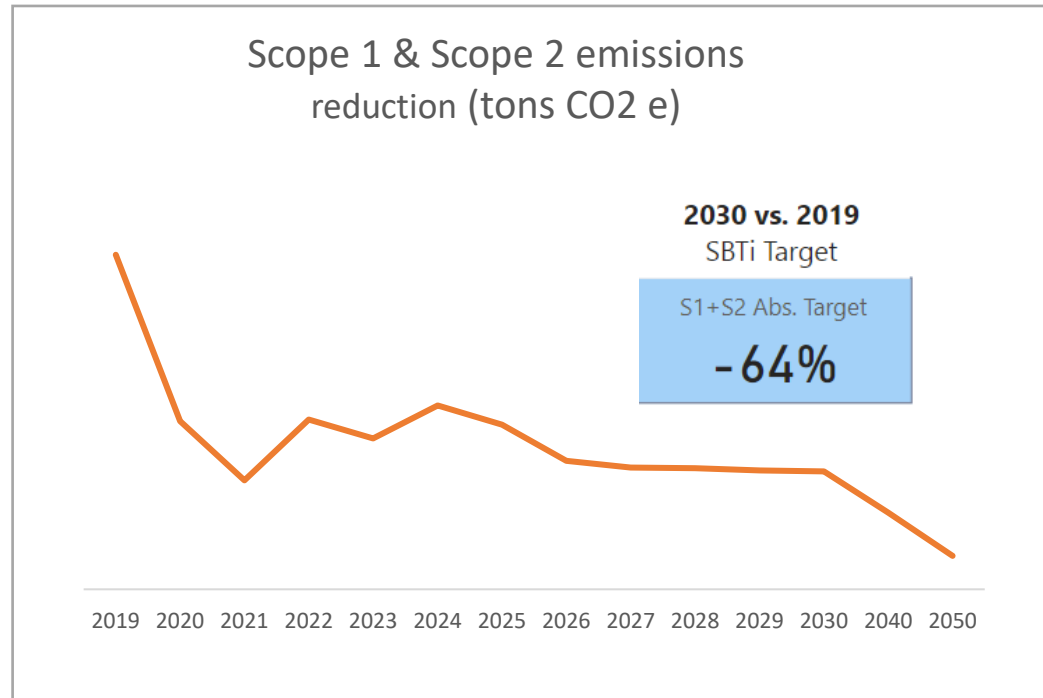
- In December 2020, TUBACEX signed the letter of adherence to the Science Based Targets Initiative (SBTi) with an ambition level of 1.5° and a commitment to Net Zero in 2050. During 2020, emission intensity reduction targets for 2030 were set and validated by SBTi (60% in Scope 1 and 2 compared to 2019 and 30% in Scope 3).
- In addition to this milestone, a change of focus was added in 2023 with the objective of gathering TUBACEX's value proposition in higher value-added products. In this way, the sectoral approach that considered emissions per ton of product was considered insufficient, being necessary to reformulate the approach from a cross-sectoral perspective, that was approved in April 2024.
 - This new scenario lead to a scope 1 and scope 2 emissions reduction of 64% in absolute terms (tons CO₂), with respect to the base year 2019; and a scope 3 reduction of 55% in intensity over gross value-added.

April 2024



04. Moving towards neutrality

Our emissions reductions pathway



The levers to achieve these objectives are:

- Green energy purchases in all plants
- Energy efficiency actions at plants
- Improve scrap contribution at steel plant level

- Reduce the use of materials
- Increase circularity (% of material from recycled sources)
- Lower emission factors

The levers are energy efficiency, green electricity and sustainable purchasing (materials)

05. Moving towards neutrality

Some energy related initiatives

01 EFFICIENCY



1. Energy efficiency improvements
2. ISO 50001. Energy efficiency certification for all plants

02 RENEWABLES



1. PPA European facilities powered by green energy sources

03 CIRCULARITY

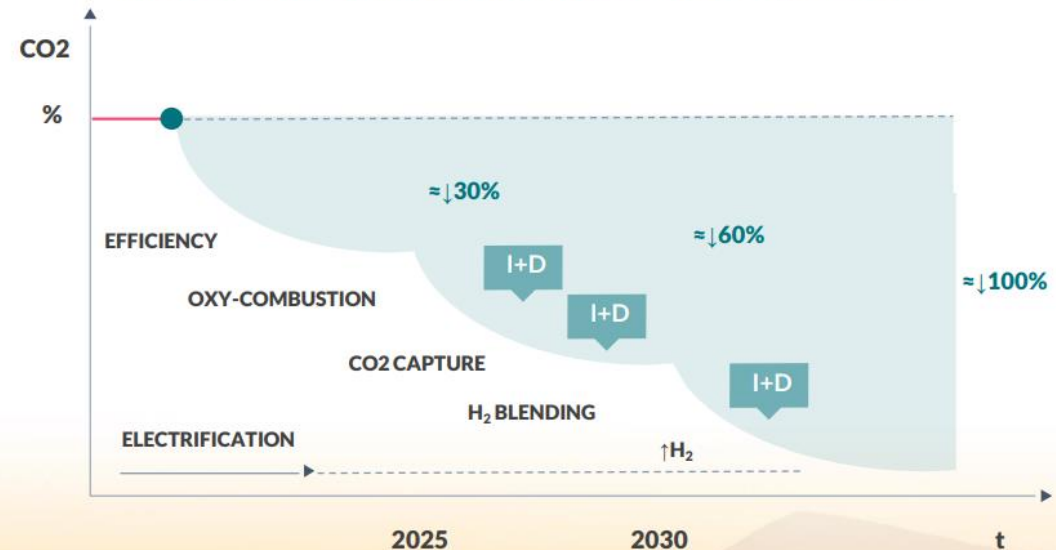


1. Corporate waste management model.
2. Scrap recovery model (>80% waste recycled)
3. Slag and Refractory Recycling

DECARBONIZATION OF OUR STEEL MILL

The defined roadmap incorporates technologies such as oxy-combustion, electrification, CO2 capture, and hydrogen.

Vision: To be the European leader in the production of green stainless steel



A child in a blue shirt and dark pants is riding a scooter on a dark asphalt surface. The surface is marked with numerous white, wavy, concentric lines that create a sense of depth and movement. The child is positioned in the upper left quadrant of the frame, facing away from the viewer and slightly to the right. The overall tone is dark and moody, with the white lines providing a strong visual contrast.

New Challenges, New Solutions