### COMPANY PROFILE

# 

~





A steel heritage					
A successful Italian story					
Steel is our backbone					
Four business units					
Feralpi at a glance					
The competitive advantages of Feralpi Croup	16				
A steel without borders	17				
Our steel in the world	18				



Our steel world	22
Pillar 1: Verticalization	22
Pillar 2: Diversification	23
Pillar 3: Internationalisation	23
Pillar 4: Sustainability FOCUS	24
Pillar 5: Innovation	
in production FOCUS	32



INDEX

Road to technical excellence	36
Continuous training	37
and digital literacy	37
Diversity, Equity	
and Inclusion	38



# Contraction of the second s

# A STEEL PHILOSOPHY

# Feralpi: your flexible, solid, strategic and sustainable partner

# A STEEL HERITAGE

A story spanning over half a century has made us what we are today: Feralpi Group was born and raised in the heart of the most important European manufacturing, between Italy and Germany, and today is among the international leaders in the steel sector.

We offer innovative, sustainable solutions to global steel supply chains through a **diversified**, **vertically-integrated business focused on flexibility**:

- we offer a wide range of products covering all strategic and tactical markets
- extensive stock availability
- rapid order processing and timely deliveries

# PURPOSE

We build ideas for ourselves and for others, and then we forge them into steel, because the future requires strong foundations.

# The aim is to create shared value for all stakeholders

a responsibility that perfectly aligns with our business strategy.

<u>ALPI</u>



7

# MISSION

To be among the international leaders in the steel industry, anticipating standards of excellence through technological innovation, sustainability, and talent development. Feralpi was born in Lonato del Garda (BS)

### 1968

Acciaierie di Calvisano (BS) was founded

2004

Report

First Group's

Sustainability

1972

ESF-Elbe Stahlwerke Feralpi (Riesa), Feralpi Hungaria and Feralpi Praha were born Nuova Defim was purchased Feralpi Algérie was founded 1992 2009 2013

### 2009

Recognition of the best available pollution control technology from the German Federal Ministry Environmental Product Declaration (EPD) hot and cold rolled structural steels

2011

First Environmental Declaration EMAS for ESF Elbe-Stahlwerke Feralpi GmbH

2012

# VISION

To produce and grow while respecting the environment.

# AN ITALIAN SUCCESS STORY



# **Stages of sustainability**

A STEEL PHILOSOPHY

# STEEL IS OUR BACKBONE

# Feralpi in numbers

Behind every number lies a story of innovation, commitment, attention to quality, and the environment.



million euro in strategic investments (2023-2027)

2.4

million tons of steel produced



billion euros in net worth



Employees between Italy, Europe and North Africa



**Countries in the European market where Feralpi maintains a continuous presence** 

Countries where Feralpi is present with facilities

# FOUR BUSINESS UNITS

# Construction steels (Italy and Germany)

The construction-steel business unit in Italy manages the entire value chain, from scrap management, to production and rolling, to pre-shaping and installation of the building site at every step, we ensure production efficiency and close business relationships.

The construction steel division in Germany, operating in the heart of Europe, is known for its efficiency, solidity of the commercial network, wide range of products, and proximity to strategic markets.

# Special Steels

The special-steel business unit was created to enhance the downstream diversification and integration strategy og the Group. It stands out for its strong customer relationships, expansion of the product range to incorporate larger diameters, and made to measure client services.



The diversified products business unit distinguishes itself with a high value-added product portfolio offering innovative solutions, including the latest generation of alarm fences and CorTen steel solutions. We are the only European player specialised in the production of special welded meshes and fences, and gratings, gates, facade claddings and industrial shelving. ALL PROPERTY.

# Renewable energy division

The **Renewable energies division** is committed to contributing to the **achievement of crucial goals in our business plan**, which include reducing  $CO_2$  emissions, increasing profitability through renewable energy production, and **mitigating** supply risk through self-production.

14

### ITALY

FERALPI SIDERURGICA, Lonato d/G, (BS) PRESIDER (i) B. Torinese (TO); (ii) Nave, (BS) (iii) Pomezia, (RM) UNIFER\* (i) Villanova sull'Arda (PC); (ii) Ceprano (FR)

 $\langle \rangle$ 

FRANCE

PRESIDER ARMATURES, Saint-Soupplets, Parigi

### ALGERIA

ITALY

**POWER-ON** 

FERALPI ALGÈRIE, Orano

### CONSTRUCTION STEEL - GERMANY

ESF ELBE-STAHLWERKE FERALPI GmbH, Riesa FERALPI STAHLHANDEL GmbH, Riesa

FERALPI LOGISTIK GmbH, Riesa

GERMANY

**CZECH REPUBLIC** FERALPI-PRAHA s.r.o., Kralupy

HUNGARY FERALPI-HUNGARIA kft, Budapest

**SPECIALTIES** 

**RENEWABLE** 

**ENERGIES** 

CONSTRUCTION

**STEEL - ITALY** 

ITALY ACCIAIERIE DI CALVISANO, Calvisano, (BS) CALEOTTO, Lecco ARLENICO, Lecco

> DIVERSE PRODUCTS

**SPAIN** SAEXPA, Barcellona; Ripoll

ITALY NUOVA DEFIM ORSOGRIL, Como

\* 50% owned company



# THE COMPETITIVE ADVANTAGES OF FERALPI GROUP

Steel is not used to construct: steel is used to realise a vision of the future. At Feralpi, we adopt a responsible, flexible, and just in time approach. We can ensure numerous competitive advantages to our stakeholders:

**STRONG COMMERCIAL RELATIONSHIPS** both for construction steels and for specialties

**EXTENSIVE PRODUCT RANGE BREADTH** Hand ability to meet the ever-evolving needs of customers

### **VERTICAL INTEGRATION**

From scrap to pre-shaping: Feralpi Group is one of the few worldwide operators capable of monitoring all aspects of the value chain From scrap to pre-shaping: Feralpi Group is one of the few operators in the world capable of controlling all aspects of the value chain:



Solid reputation built over time

Excellence in operational proc<u>esses</u>





Market leadership in sustainability



# STEEL WITHOUT FRONTIERS



**SECTORS** Civil, residential and industrial construction, including large-scale infrastructural projects





**SPECIALITY SECTORS** Cross-cutting all major industrial sectors, with focus on mechanics and automotive



### **DIVERSE PRODUCT SECTORS**

Cross-cutting construction, building and cladding, industry and industrial shelving



Building steels, special steels, and diversified products: our extensive range ensures flexibility, quality, and long-term durability.



### SECTORS

The Group has set itself the goal of generating around 190 MW in 5 years, contributing to the energy needs of Group companies in Italy and Germany

Feralpi Group ranks **among «top 4» suppliers of building steels** in Italy, Germany, France, Switzerland and Austria.

# **OUR STEEL IN THE WORLD**

### Italy



Turin Underground Extension of Line 1 West Collegno-Cascomevoca



Brenner Base Tunnel

遇 Sports stadium- Waterfront Marina Genoa

Brescia-Verona-Padua HS/HC line

Rome Underground - Line C

### German

Hamburg Tunnel U5 Hamburg

**Tesla Gigafactory** Grünheide

# Denma



**Tunnel Fehmarnbelt** Lolland Island - Fehmarn Island

Underground Copenaghen

### Martinique 🛫

Offshore wind farm Martinique

### The Netherlands

Westerscheldetunnel  $(\mathbf{x})$ Terneuzen

### France



**Grand Paris express** Paris

Offshore wind farm Fecamp (Normandy)

B

### **Cadarache International Thermonuclear Experimental Reactor** Saint-Paul-lès-Durance (Provenza-Alpi-Costa Azzurra)



Mareterra Project Montecarlo

Underground Tolosa

### England



London-Birmingham

# We are present in **major infrastructural projects**, both in and outside Europe

# **Certified** quality

Quality for us means TRACEABILITY and CONTROL throughout the entire supply chain.

From supplier qualification processes to meticulous assessments of transformation processes: the quality of our steel not only meets actual and future market standards but also addresses the greater needs of the planet.

In the spirit of environmental responsibility, our hot-rolled and coldrolled **products** (in bars and coils), as well as Greenstone (the biproduct resulting from the recovery of black slag), have obtained **EPD** (Environmental Product Declaration) **certifications**. Since 2012 and 2014 respectively, our **plants** in Riesa (Germany) and Lonato del Garda (Italy) are **EMAS** (Eco-Management and Audit Scheme) **certified**, and report with maximum transparency the improvement of the environmental performance achieved and expected in the future, communicating actions taken, and ongoing projects. Feralpi Siderurgica, Acciaierie di Calvisano and Caleotto have obtained dual **Carbon Footprint certification**, for both Product (CFP) and **Organization (CFO)**, according to **international standards ISO 14067** and ISO 14064-1.



# Contraction of the second s

# STEEL STRATEGY

# OUR STEEL WORLD

Our industrial strategy evolves in coherence with the main purpose: to provide increasingly wide, integrated and sustainable steel solutions.

Five pillars underpin our strategy: verticalization, internationalisation, diversification, innovation in production and sustainability.

In this way, we ensure continuity in our business, meeting customer needs for flexible, fast, and efficient solutions.

# . VERTICALIZATION

We are one of the few players in the world capable of monitoring all aspects of the value chain: from scrap to pre-shaping. We are continually investing in downstream processing and presence at multiple levels in the supply chain PILLAR

Our market response stands out for the breadth of range, quality and diversification of products, as well as continual research in design.

# **3. INTERNATIONALISATION**

We are able to serve domestic, european, and extra-european markets: we are committed to ensuring a continual and competitive presence every time we approach a new market

The development of an increasingly sustainable steel production is a global challenge which we are called upon to confront.

Sustainability is a pillar of our Group's industrial plan, guiding us towards creating the greatest possible value for our customers and society as a whole.



Feralpi steel is not «merely» a product, but a guarantee of environmental and human-rights respect throughout the supply chain. For us, a mission undertaken more than twenty years ago.

# OUR GOALS IN LINE WITH THE 2030 AGENDA



CONTRIBUTING TO CHANGE IN THE STEEL INDUSTRY

by leveraging decarbonization and digitalization in order to strenghten competitive advantage and improve environmental impact We know that, through a sustainable management of our core business, we can contribute to the achievement the goals of the United Nations' 2030 Agenda.

For this reason, our industrial strategy integrates a responsible approach to social and environmental issues.

We want to have a positive impact on value creation for all stakeholders by integrating ESG aspects into our long-term strategy. We set ourselves the following goals.



### **ENSURING BUSINESS CONTINUITY**

by increasing the company's capacity tied to risk management, ensuring agility in organisational processes through structured and efficient management systems



### INNOVATING FOR THE FUTURE OF PRODUCTION

by constantly investing in cutting-edge production processes and modern, environmentally-friendly technological solutions, to ensure inclusive and sustainable industrial development

FOCUS



### FACING THE CHALLENGES OF ECOLOGICAL TRANSITION

tied to processes of decarbonisation, at the same time engaging in the ecological and energy transition towards models with lower impact



## ENSURING WORK SITE SAFETY AND VALUING INDIVIDUALS FOR THEIR UNIQUENESS

Feralpi Group believes in policies and approaches aimed at promoting a dignified work context, and confirms this commitment in total alignment with the International Labour Organization (ILO)

# A UNIQUE COMMITMENT IN THE MARKET

In 2024, we introduced the ESG Scorecard: a tool aimed at making all of Feralpi's concrete commitments towards sustainability and the established goals for ESG issues measurable.

The scorecard consists of 14 objectives - both short and long-term - whose progress and updates will be evaluated annually, in line with the development of the company's strategy and priorities.

FOCUS

			BASELINE		TARGET		PERIMETER	SDGs
$\mathcal{L}$	Specific CO <sub>2</sub> Emissions (Scope 1 e Scope 2) <sup>(1)</sup>	2022	0.411 tonCO <sub>2</sub> /ton	2030	-50%			6 CLLAN MALER MO SAMETARION MO FRONCEMENT
S	CO <sub>2</sub> Emissions Scope 3		953.184 tonCO <sub>2</sub>		-25%			7 AFFORMABLE AND 13 CLAATE
ntal	Renewable Energy		0.46%		50%		Feralpi Siderurgica Consolidated	
Environmental	Residues in Circular Processes		88%		96%			
	Specific Water Consumption		1.38 m³/ton		-50%			⋒₿₿₽
ш		-		-				-
	Insertion of female personnel (blue-collar) in technical-production areas <sup>[2]</sup>	2022	0%	2027	≥5% / year new entry primary steel		Feralpi Siderurgica, Acciaierie di Calvisano, Arlenico, ESF	5 семога социату Социала в иссли ная лап социана салити
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Collective training course on topics of «Listening, Dialogue and Inclusion»		0%		100% affected population		Feralpi Siderurgica Consolidated <sup>(3)</sup>	
Human Resources	% Female Staff in Feralpi Siderurgica - Corporate Services		49%		~50%		Feralpi Siderurgica - Corporate Services	
		-		-		-		•
	Frequency index of accidents	2022	23.7 (average 2018-2022)	2030	7 (0-10)		Feralpi Siderurgica	3 GOOD HEALTH AND WELL-BEING AND WELL-BEING B ECONOMIC GROWTH
Safety	% personnel working in companies ISO 45001		25%		100%		Consolidated	
				-		-		•
Social supply Chain	% of strategic suppliers (Raw Materials and Plants) involved in ESG mapping aspects	2023	0%	2030	75% of suppliers involved		Feralpi Siderurgica, Acciaierie di Calvisano, Arlenico/ Caleotto, Feralpi Stahl, Hungaria, Praha	9 HOUTER ADDREES
		-		-		-		•
	of the time the Board devotes to ESG themes (in meetings and induction sessions) /year	2022	23.7%	2030	35%		Feralpi Siderurgica	9 KOUTER MOUTH MO INFACTORINE MO PROCESSION MO PRODUCTION
	ESC Financing % / Total Mid Long Term facilities		74.4%		>80%		Forelni Sidorurzia	
S S	% of strategic investments with ESG content		>80%		>80%		Feralpi Siderurgica Consolidated	

(1) Of the total production of hot rolled products calculated according to the market-based method. - (2) Also including the administered. - (3) Feralpi Algerie not included

# OUR ACTIONS TO ACHIEVE SUSTAINABILITY GOALS

### Use of Green Fuels (biomethane and H<sub>2</sub>)

**Substitution of natural gas** in (non-electrified) heating furnaces with:

**Biomethane for Lonato** (Rolling mill 2) **and Caleotto**: exploring opportunities through our participation in the "Green Metals" Consortium, with potential increased usage starting from 2026 (100% by 2030)

**Hydrogen for Riesa** 

(Rolling mill A): evaluating planned developments of the hydrogen pipeline network in the country, increasing usage starting from 2028 (100% by 2030). Electrification of the preheating furnace and energy efficiency

Replacement of natural gas heating furnaces with induction furnaces: in both Lonato (Rolling mill 1) and Riesa (Rolling mill B) starting from 2024

**Energy efficiency improvement** through operational excellence.

# Strategic Purchase of Green PPA/CdO

**PPA**: Purchasing electricity through contracts linked to specific renewable energy facilities

### **Guarantees of Origin**:

The Purchase of tradable certificates to certify that renewable electricity consumption, in a non-structural but complementary measure to PPA. Self-production from renewable plants (solar, wind)

### Concrete investments in renewable

electricity generation in Italy (solar) and Germany (wind and limited solar), subject to implementation capacity.

### Decarbonisation of the country's energy mix

Electricity procurement from the market/ grid, whose emissions intensity decreases over time based on the decarbonisation of the country's energy mix.

FOCUS

29



### SCOPE 1

### TECHNICAL IMPROVEMENT PROJECTS

Replacement of billet-heating furnaces in some rolling mills with induction furnaces

### HYDROGEN

Use of hydrogen to replace fossil-origin methane, also as a form of energy storage (under evaluation)

### BIOMETHANE

Use of biomethane to replace fossil-origin methane



### SCOPE 2

ENERGY EFFICIENCY Billet Hot Charging Heat Recovery Increased efficiency of compressors, engines, etc. Utilisation of advanced algorithms

SELF-PRODUCED RENEWABLE ENERGIES Auto-production from renewable plants (solar, wind)

RENEWABLE ENERGIES FROM MARKET #1 Purchase of Guarantees of Origin

**RENEWABLE ENERGIES FROM MARKET #2** Purchase of Green PPA



### SCOPE 3

**REDUCTION OF TRANSPORT EMISSIONS** Gradual substitution of lorry in favour of rail transport

USE OF RAW MATERIALS WITH A LOWER CARBON FOOTPRINT Polymers

# FOR A **DECARBONISED...**

We believe and invest in decarbonisation processes, combining the strenghtening of competitive advantage with the reduction of environmental impact.





30



Indirect Emissions NOT related to electricity consumption (e.g., transportation, emissions from producing goods used by the organization)

# ...AND CIRCULAR STEELS

At Feralpi, with our production cycle, we are a clear example of circular economy: we produce steel through the recovery and recycling of ferrous scrap, thereby preventing its dispersion into the environment and reducing the consumption of natural raw materials.

Waste and production residuals are mostly directed towards recovery or classified as by-products, with only a small residual portion disposed of in landfills.

### We aim for the total elimination of waste and solid production cycle residuals.

We do not limit ourselves to merely minimising waste: we adopt a broader prospective that extends to reducing the excess movement of raw materials and waste, reducing disposals, and substituting raw materials with recovered materials.



FOCUS

# OUR PATH TOWARDS ZERO WASTE

### Feralpi steel consists of 98.6% recycled, reclaimed, or bi-product material.

Since 2023, the calculation for the aggregates produced by the Group has also been carried out.





The **rolling-mill scale** is recovered for external use. **GREEN IRON** is the by-product of the rolling mill scale which is sold to clients in the counterweight and cement sectors. **EREEN LIME** White slag

≥ 96,8% GREEN STONE Black waste **GREEN LIME** comes from the recovery of **white slag** and is reutilized in the cement industry.

**Black waste** from the melting process can be recovered to produce building materials, such as New Jersey flooring and blocks. The slag is transformed into the commercial by-product known as **CREEN STONE**.

# 5. INNOVATION N PRODUCTION

For us, innovation means following a constant drive to grow and improve the productivity and quality of our products. It is an ambitious commitment that, as industry leaders, we pursue through targeted investments.

Our intensive Research and Development activity coordinated and guided by a dedicated team at Group level - is based on five factors:

TECHNOLOGICAL DEVELOPMENT ALIGNED WITH CORPORATE STRATEGIC DIRECTIONS

PROMOTION OF SYNERGY BETWEEN DEPARTMENTS

INTEGRATION INTO EUROPEAN-LEVEL RESEARCH NETWORKS AND PARTNERSHIPS

ACQUISITION OF FUNDING TO SUPPORT INNOVATIVE DEVELOPMENTS

SUPPORT AND ENHANCEMENT OF PROFESSIONAL SKILLS 

# The results of innovation

At Feralpi, we are continuously focused on **increasing productivity** through **investments in innovation**. Here are some examples:

We are working at two production sites with innovative technologies, introducing induction heating, which is used for the rolling process of construction steels, for the first time in both Italy and Germany. In the specific plant configuration at the **LONATO** production unit, Feralpi has also invested in a new continuous-casting machine, with a modern rapid basket change system and new oscillating benches.

A new rolling mill is under construction at the **RIESA** plant, which will determine a significant increase in production across the entire range. Both Lonato and Riesa will be equipped with Spooler technology, which allows for the direct hot-rolling of a debars in coil for the construction industry.

A new bar-in-coil production plant is under construction at the **CALEOTTO** plant, allowing for the expansion of the current production range of special steels up to 32mm, with the possibility of increasing in the future up to 60mm. For the Business Unit Specialties, dedicated to the production of steels for automotive and special applications, investments are being made at the **CALVISANO** site to increase production capacity through the optimisation of metallurgical treatment phases and continuous casting performance.

The investment at **FERALPI STAHL** involves the installation of the world's first plant capable of producing coils weighting 8 tonnes with an integrated metallurgical performance improvement system. These installations enable more efficient processing not only for us at Feralpi but also for our customers: they will have access to a unique product in the German market, while in the Italian market, they will have access to a range of products with reduced metallurgical performance and impact compared to competitors.



# Contraction of the second s

# \*

# PEOPLE OF STEEL

# ROAD TO TECHNICAL EXCELLENCE

Feralpi is a community of people who share two fundamental goals: growth and innovation, both within the company and in everyday life. We pursue a talent-management strategy aimed at

enhancing people's skills and training them to new levels of technical excellence



49% Employees in Italy

42% Employees in Germany



# CONTINUOUS TRAINING...

We promote the growth of our employees by combining training activities with career development programmes to improve professionalism and skills, in a world increasingly permeated by digital transformation.

The training aspect is of fundamental importance to us. We place particular emphasis on the **organisational evolution** of the Group's **Technical Management**, onboarding new personnel, and mapping and developing internal technical skills. These efforts aim to meet the growing demands of an increasingly competitive and dynamic working environment.



Total training hours in 2023

# ... AND DIGITAL LITERACY

Digitalisation is a fundamental megatrend in the modern world. For us, digital transformation does not just mean adapting to new technologies, but it serves as a tool to ensure business continuity and resilience.

Our journey in technological evolution, in terms of digitalizing business processes and delivering specifictraining programmes, allows us to be at the forefront of:

Flexibility and scalability: faster adaptation of IT resources

Cost reduction: we no longer need to maintain on-premise hardware infrastructure

Accessibility and mobility: facilitating remote work and collaboration Security and reliability: guaranteeing data protection and business continuity

Environmental sustainability: reducing negative ecological impact through increased energy efficiency

Innovation: immediate access to the latest technologies and updated software

# DIVERSITY, EQUALITY AND INCLUSION

The culture of respect and inclusion is a cornerstone of our ESC strategy, because the well-being of an organisation always stems from integration and the appreciation of uniqueness.

At Feralpi, we strive to eliminate disparities of all kinds. Different perspectives stimulate innovation and teamwork, thus promoting a more inclusive, attractive, and productive work environment.

The Group's policy on diversity, equality, and inclusion, is structured around **four principle guidelines**:

### **GLOBAL CULTURE**

attracting and valuing individuals with diverse perspectives and backgrounds

### **GENDER BALANCE**

promoting gender balance and encouraging women to pursue careers in STEM fields

### INCLUSIVE LEADERSHIP

encouraging our people to bring out their best, both personally and professionally

### **COLLECTIVE RESPONSIBILITY**

increasing awareness of potential biases that hinder the ability to be more inclusive and incisive in the work environment Group Code of Ethics

Internal and external initiatives aimed at

young people

Actions to Group eliminate discrimination in recruitment Policy phase

of the Diversity and Inclusion

Endorsement Endorsement of the CEO Guide to Sodalitas Equal **Opportunities** Human Rights (WBCSD) and Workplace Equality Charter

Compliance with the Italian Legislative Decree 254/2016

Creation of the Decalogue for an inclusive workplace

Creation of the Diversity & Inclusion Working Group Adhesion to national and international awareness campaigns

Adhesion to the EU **Diversity Month** 

> Participation in UN Target **Gender Equality** Accelerator

Creation of the Diversity, Equity, Inclusion and Welfare function

Training programmes on Inclusion, Listening and Dialogue

Adhesion to the

**Global Compact** 

# Our path to inclusion









### WWW.FERALPIGROUP.COM

### Feralpi Siderurgica S.p.A.

Via Carlo Nicola Pasini, 11 25017 - Lonato del Garda (BRESCIA), Italia (+39) 030 9996.1 feralpi@it.feralpigroup.com

### ESF Elbe-Stahlwerke Feralpi GmbH

Gröbaer Straße 3 01591 - Riesa +49 3525 749-0 info@de.feralpigroup.com