


The Alfa Acciai Group has been among Europe's main manufacturers of reinforcing steel and wire rod for over 70 years. It is now a benchmark in terms of cutting-edge technology, mindful of the employees and with environmental awareness throughout the entire steel supply chain.

Controlled by the holding Siderurgica Investimenti, the Group has a yearly overall production capacity of 2.5 million tonnes of steel and rolled products with a workforce of over 1,200 employees.

The Group has always been renowned for its high level of know-how, industrial flexibility, utmost operational efficiency upstream and downstream of the melting process, and great financial and equity strength.

Focus on ethical corporate social responsibility principles, routine maintenance on installations and operations, caring and listening to stakeholders' requirements: these are the cornerstones on which the Alfa Acciai Group has grown and developed in the steel industry over the years with standards of excellence.



All-round sustainability

A LARGE GROUP
SUPPORTING
EACH AND EVERY
CUSTOMER

The Alfa Acciai Group comprises several well-established companies specializing in various steel-making areas in Northern and Southern Italy, a guarantee of products and services qualifying the Group as an excellent partner in terms of quality and reliability.



Alfa Acciai (Brescia), among the largest EAF steel mills in Italy.



Acciaierie di Sicilia (Catania), the only steel mill in the heart of the Mediterranean and among Sicily's main industrial hubs, an export-oriented industry given its proximity to significant seaport infrastructures. For further information, log on to www.alfaacciai.it



Ferroberica, a leading operator in Europe in the cutting and bending and assembling of reinforcing steel for use in structural work, boasts five production facilities overall in Vicenza, Montirone (BS), Sedegliano (UD) and two in Catania. For further information, log on to www.ferroberica.it



Tecnofil (Brescia), specializing in the production of low- and medium-carbon wire and in the drawing and galvanising process, ideally integrates the wire rod supply chain downstream. It is currently the wire drawing facility with the largest galvanizing plant in Europe. For further information, log on to www.tecnofil.net

ALL-IN-ONE
ORGANISATION
TO OPTIMISE
PROCESSES AND
PRODUCTS

Steel mills

Alfa Acciai

Steel production starts in the scrap yard, where baskets are packed to feed the melting furnaces, according to specific recipes in terms of scrap mix and weight. A **shredder**, with a production capacity of 250,000 t/y, is in place for the production of proler.

The production process involves scrap melting in the **two electric arc furnaces (EAFs)** with a yearly overall production capacity of about **2,000,000 tonnes**, followed by the tapping of liquid steel. The molten steel is then refined in a bath and the metallurgical parameters are fine-tuned in the relevant ladle furnaces. The billet casting process is handled by two 5-strand continuous casting machines.

The steel mill turns out two main end products:

- **billets** with a square section of 130x130 mm (or 160x160 mm) in the length range of 6-12 m, intended for in-house rolling process and trading;
- **Alfa Sinstone®** and **Gripstone®** **artificial aggregates**, two by-products obtained from the recovery of black steel mill slag, produced at a plant with a capacity of nearly 200,000 tonnes a year, for use in civil engineering works and road construction.





Acciaierie di Sicilia

Somewhat similarly to what has been said for the Brescia production site, steelmaking starts from the scrap yard, where a **shredder** of a yearly capacity of about **150,000 tonnes** for the production of proler is also installed. The production process includes the melting of scrap in the **EAF**, with a yearly capacity of 500,000 tonnes, the tapping of liquid steel with the related secondary ladle metallurgical processing, followed by final casting in the 4-line continuous casting machine.

Production includes:

- **billets** with a square section of 130x130 mm in the length range of 6-12 m, intended for in-house rolling process and trading;
- **Sicilystone artificial aggregate**, featuring the same characteristics of the Alfa Acciai's granulates obtained from a plant with a yearly production capacity of nearly 60,000 tonnes, is the ideal solution for bituminous and cement conglomerates, as well as for use in civil engineering works and road construction.





ALFA ACCIAI:
2 mt/y
ACCIAIERIE DI SICILIA:
500 kt/y

Hot rolling

Alfa Acciai

The facility is equipped with **three independent hot rolling mills**, with an overall production capacity up to **2 mt/y**.

These systems turn out:

- Reinforcing steel in bar (rebar);
- Reinforcing steel in coil (spooled coils);
- Smooth and ribbed **wire rod**.



Acciaierie di Sicilia

This site is equipped with a **rolling plant** with a production capacity of around **500,000 t/y** fed by a hot charge system that significantly reduces CO₂ emissions.

This system turns out:

- Reinforcing steel in bar (rebar);
- Reinforcing steel in coil (spooled coils).



Welded wire mesh:
300,000 t/y

Recoiled wire:
150,000 t/y

Downstream processing


Alfa Derivati

Alfa Derivati runs two different production facilities in Brescia, where Alfa Acciai hot-rolled ribbed coils are processed to obtain:

- **Welded wire mesh** for reinforced concrete, which is produced at the San Polo site in Brescia, using cold-stretching/rolling lines to give the mesh wire the required mechanical characteristics as well as welding machines, with a production capacity of about **300,000 t/y**;
- **Recoiled wire**: i.e. hot-rolled and cold stretched rebar packaged in coils. It is produced using drawing machines, with a total production capacity of about **150,000 t/y**.

Out of the two production sites, the one in Montirone (Brescia) focuses on exports and boasts a railway link to make logistics increasingly sustainable.





Wherever there are projects and constructive ideas, being it large infrastructures or buildings of everyday life, Alfa Acciai is there.

A comprehensive range of steels

Construction steels

Alfa Acciai and Acciaierie di Sicilia produce reinforcing steel in bar, in coil and welded wire mesh in accordance with the following **country-specific standards**, compliance therewith is certified by the following bodies:

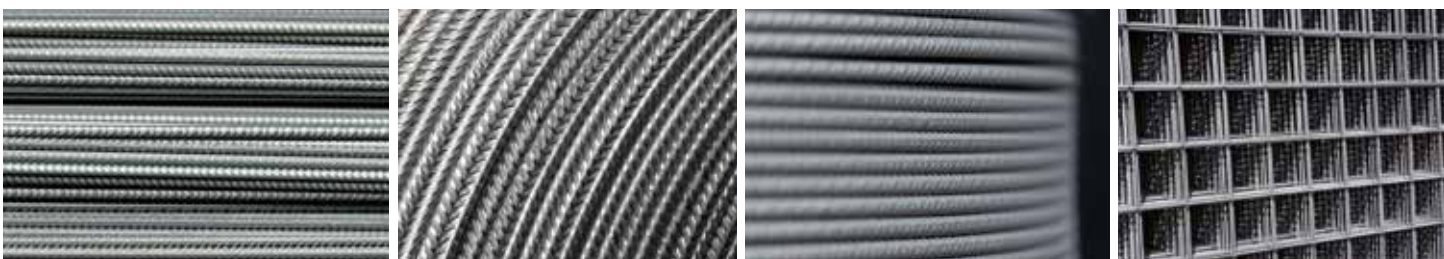


Plus two **European reference standards**:

EN 10080: Weldable steel for the reinforcement of concrete, stating the general requirements and definition of performance characteristics of weldable reinforcing steel for concrete structures.

EN 1992-1-1: Eurocod 2 - Design of concrete structures, providing general rules for the design of reinforced concrete structures of buildings and civil engineering works, including the **classification of steel grades according to their characteristics**.

Alfa Acciai and Acciaierie di Sicilia can also produce steel according to standards used in **Non-EU countries**, such as British Standard BS 4449 and US ASTM A615 and ASTM A706.





The Group's
proactive approach
meets diversified
requirements in the
broadest range of
wire rod applications

Wire rod

EEN ISO 16120: Non-alloy steel wire rod for conversion to wire.

Part 2: Specific requirements for general-purpose wire rod.

Applications:

Cold-drawing and/or cold-rolling, galvanized wire or hot-dip galvanizing, bright drawn wire, rivets.

EN 10263-2: Steel rod, bars and wire for cold heading and cold extrusion.

Part 2: Technical delivery conditions for steels not intended for heat treatment after cold working.

Applications:

Non-alloy round steel wire rod suitable for cold heading and cold extrusion applications, specifically designed for the production of fasteners including screws, rivets and semi-tubular rivets.

ASTM A510-A510M: Standard Specification for General Requirements for Wire Rods and Coarse Round Wire, Carbon Steel, and Alloy Steel.

Applications:

Cold-drawing and/or cold-rolling, galvanized wire or hot-dip galvanizing, welded wire mesh.

EN ISO 10025: Hot-rolled products for structural steel grades.

Part 2: Technical delivery conditions for non-alloy structural steels.

Part 5: Conditions with improved atmospheric corrosion resistance for structural steels.

Applications:

Non-alloy steels for structural applications (also available with improved resistance to atmospheric corrosion) as is or cold drawn.

EN ISO 683: Heat-treated steels, alloy steels and free-cutting steels.

Part 1: Non-alloy steels for quenching and tempering.

Part 3: Case-hardening steels.

Applications:

Non-alloy steels for quenching, hardening and tempering; case-hardening steels.

DIN 17115: Steels for welded round link chains and chain components.

Applications:

Chains.

EN ISO 14171: Welding consumables – Solid wire electrodes, tubular cored electrodes and electrode/flux combinations for submerged arc welding of non-alloy and fine grain steels.

Applications:

Electrodes.

Quality as a cornerstone of market positioning

For the Alfa Acciai Group, quality is a fundamental element of its industrial culture and one of the key factors of trust recognized by the market.

The objective is to ensure reliable products, consistent performance and full compliance with regulations, through strict process control and the adoption of a Quality Management System.



A structured and certified system

All Group companies adopt a Quality Management System in compliance with the UNI EN ISO 9001 standard, certified by nationally and internationally accredited bodies.

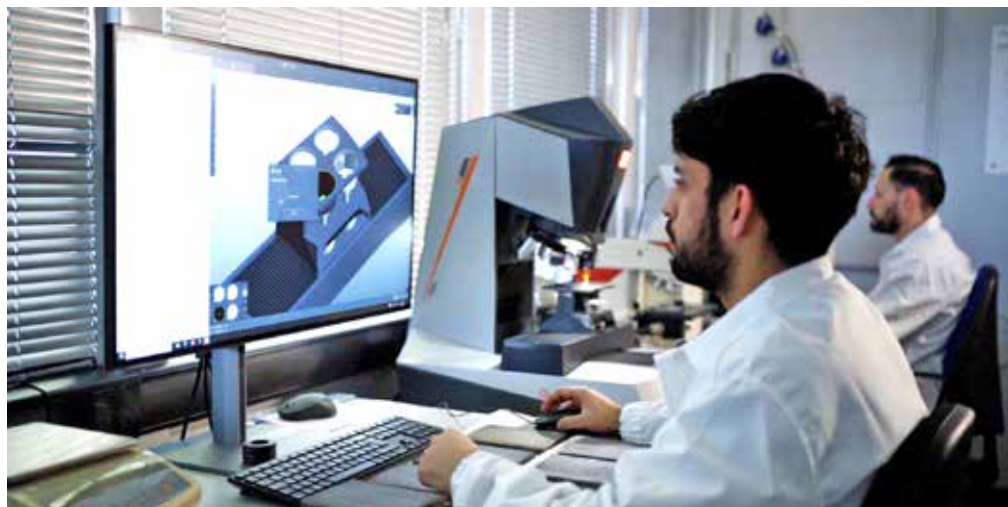
The system ensures structured and shared control of processes across the entire production chain, with the aim of achieving technical compliance, consistency in technological characteristics and continuous improvement in product performance.



Product control and reliability

Raw materials, processes and finished products are subject to systematic verification in accordance with the standards required by the reference markets.

The continuous collaboration between Quality, Process Engineering, Technical Assistance and the Commercial Department results in concrete and constant support for customers, from the moment the order is placed through to final use.



Services that set us apart: a true partner to our customers

Customer relationship goes beyond the supply of products and takes the form of an extensive system of **integrated services, aimed at ensuring an overall quality-oriented approach.** Proactiveness, precision and skills underpin our integrated service, which commences with a specialist advice on the product's functional characteristics, the regulatory aspects of use and the management of materials on site or in the premises where they are used.

The Alfa Acciai Group places the customer at the **centre of relationships by providing technical, professional and business expertise**, irrespective of the quantity and frequency of purchases.



Product quality guaranteed by repeatability of their characteristics

Factories and warehouses close to motorways, ports and rail networks for intermodal transport

Major focus on product packaging

Widespread, expert sales network and in-house commercial department

Environmental certificates available

Ongoing after-sales support provided by business departments

Comprehensive, transparent product documentation

Responsive, efficient helpdesk

Clear batch labelling

Technical and regulatory advice from internal specialists

High stock in the warehouse

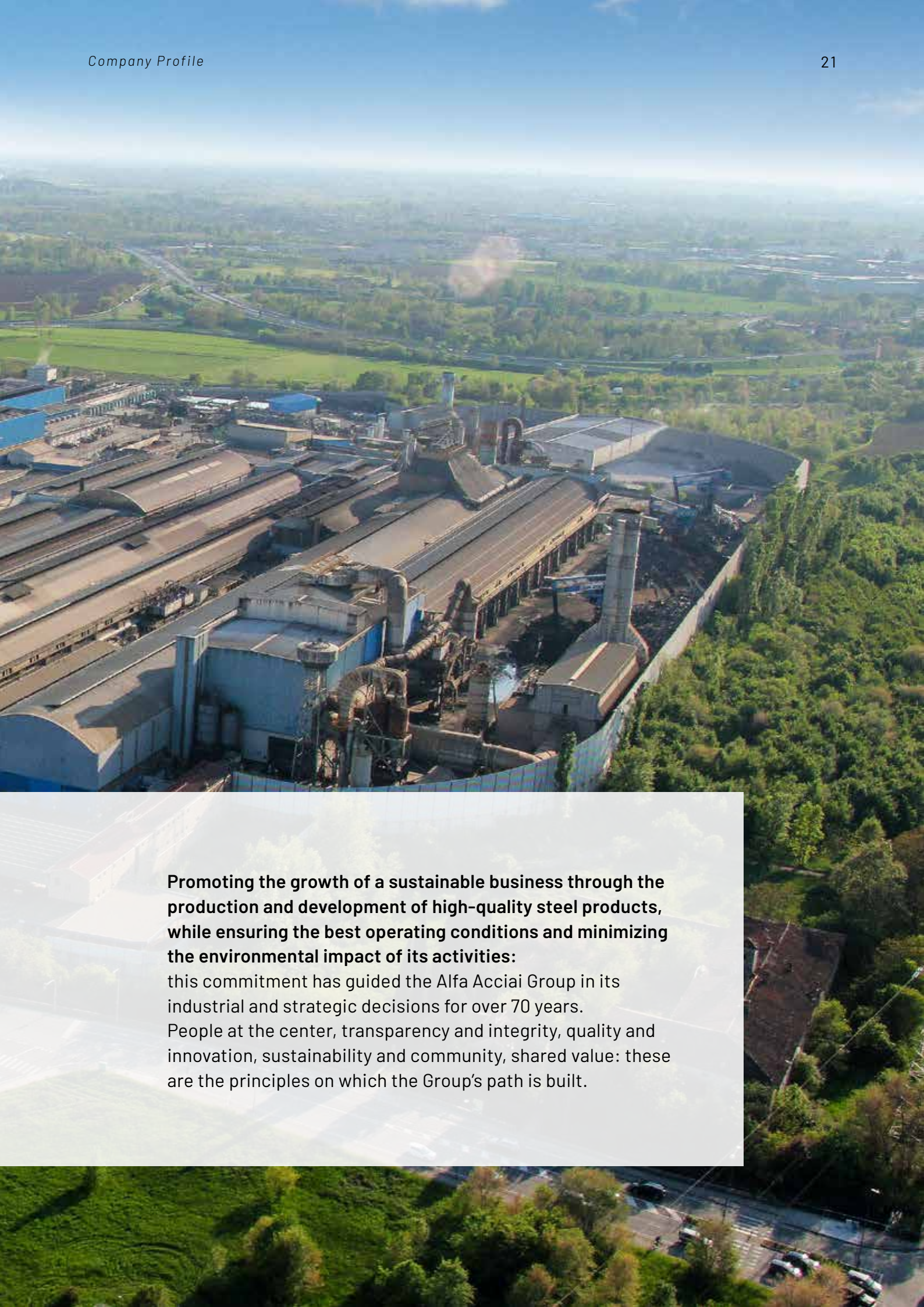
Up-to-date information on the website at www.alfaacciai.it

Fast, punctual delivery

Reserved customer area on the Alfa Acciai website, with ongoing data archiving



Our approach to
sustainable development



Promoting the growth of a sustainable business through the production and development of high-quality steel products, while ensuring the best operating conditions and minimizing the environmental impact of its activities:

this commitment has guided the Alfa Acciai Group in its industrial and strategic decisions for over 70 years. People at the center, transparency and integrity, quality and innovation, sustainability and community, shared value: these are the principles on which the Group's path is built.

OUR
COMMITMENT
TO THE
ENVIRONMENT

Environmental responsibility and Zero Waste philosophy

Our commitment to the environment is ongoing and unbending. It reflects who we are and where we're ahead. It is spanned over seventy years of history and has become an integral part of the industrial DNA of the Alfa Acciai Group, which is traditionally based on the **model of circular economy**.

For some time, the Group has been committed to making steel production increasingly sustainable, through an integrated approach that involves all environmental aspects, full compliance with current legislation and the ongoing search for the best technical, management and organisational solutions to make consumption more efficient.

ZERO WASTE philosophy is a cornerstone for the Group, which, by creating real forms of industrial symbiosis, makes it possible to systematically apply the principle of circular economy, with the aim of reusing, recovering and enhancing every material resulting from the various processing stages, thereby safeguarding precious natural resources.

Circularity of steel

Steel is the most recyclable and recycled material in the world as it retains its characteristics over time, without any loss of quality or degradation of its mechanical properties, which is why it is hence crucial for the development of a circular economy.

In its Brescia- and Catania-based steel mills, the Alfa Acciai Group annually recovers **over 2 million tonnes of scrap iron**. The finished product is certified as containing more than 99% recycled material, providing the market with truly green products that can benefit from LEED and BREEAM credits.

Such a high sustainability index is the result of innovation and ongoing investment, supported by business ethics and a culture that aims at the harmonious coexistence of business, environment and community.



Artificial aggregates

ALFA SINSTONE®, GRIPSTONE® and SICILYSTONE are the result of the Zero Waste strategy, in that these three by-products are obtained from the recovery of black steel mill slag at Alfa Acciai and Acciaierie di Sicilia, consisting mainly of iron, calcium and silicon oxides, which is generated during the melting process of scrap iron in the electric furnace.

These high-performance artificial aggregates are the result of ongoing research into new materials and new technologies for improving end products and safeguarding natural resources. They can be used in building construction (concretes and mortars), road surfacing (bitumen) and in civil engineering works as a replacement for materials of natural origin (quarry aggregates).



Energy transition

Steel mills that produce steel by melting scrap in an electric arc furnace (EAF) are particularly energy-intensive. The main aim is to implement energy transition processes towards more efficient, low-impact models. The companies in the Alfa Acciai Group have set themselves ambitious targets in this regard and have developed a number of measures for efficiency, ongoing improvement and reduction of the use of carbon materials from fossil sources.

More specifically, Alfa Acciai has set up together with A2A, Italy's largest multi-utility company, **Alfa Heat Recovery**, an innovative and efficient system to recover thermal energy from the steel mill, which is transferred to the Brescia district heating network. Alfa Acciai is increasingly focused on energy circularity and optimisation, thereby contributing to the decarbonisation of the townscape.

30 MWt

TOTAL POWER

4,500 TOE

SAVED

11,000 ton

CO₂ SAVED

System certifications

Environmental and Energetic Management System

As a proof of the ongoing environmental performance improvement policy, Alfa Acciai and Acciaierie di Sicilia have implemented the **ISO 14001 Environmental Management System** since 2005, which was also implemented and certified by Tecnofil in 2018, a means of ensuring to all stakeholders that the utmost respect for the environment is pursued and achieved. Certification makes it possible to identify the sustainability issues of the production process, assess its impacts and monitor the effects on environmental matrices, and seek the best techniques for taking action and intervention.

Since 2023 **Alfa Acciai and Acciaierie di Sicilia have been certified ISO 50001, the Energy Management System** which aims to facilitate the process of identifying, recording and evaluating energy results and is the best tool for managing and implementing corporate Energy Policy.

Alfa Acciai's strategic priority is the **ongoing improvement** of performance, including energy through the implementation of energy efficiency measures in production processes and related ancillary services so as to reduce the impact on the environment.



Corporate Carbon Footprint (CCF)

In 2023, the Alfa Acciai Group obtained the CCF certification for all its production facilities and is now among one of the first Italian companies obtaining it.

This is a method for measuring and reporting greenhouse gas (GHG) emissions caused directly and indirectly by an organisation. It is expressed in tonnes of CO2 equivalent.

This certification represents the Group's renewed endeavour and constant striving for improvement and focus on achieving ever higher levels of sustainability and decarbonisation on the one hand and, the starting point to define an intervention plan with the objective of mitigating its GHG emissions through specific measures and investments on the other.

SUSTSTEEL

Alfa Acciai and Acciaierie di Sicilia are among the first companies to be awarded the SustSteel (sustainable steel) certification, which was established at European level by Eurofer with a view to promoting its members' legitimate interests in the construction steel industry as part of corporate sustainability and social responsibility.



Product certifications

Recycled material content

The minimum content of recycled material at Alfa Acciai and Acciaierie di Sicilia products is 99%. This **figure is among the highest in Europe** and far exceeds the Minimum Environmental Criteria for instrumental applications set by the CAM-EDILIZIA and the CAM-INFRASTRUTTURE STRADALI, which are Italy's most important environmental Standards in the construction industry.



EPD

All products (bars, coil, mesh, wire rod, Alfa Sinstone® and Gripstone®) as to Alfa Acciai, and bars and spooled coils as to Acciaierie di Sicilia bear the Environmental Product Declaration (EPD) required to meet LEED and BREEAM standards. In this way, the Group communicates, in a clear and transparent manner, to the market the environmental impacts of the company's products, from the origin of raw materials to their End of Life, thereby contributing to increase the rating value of the end product.



ICMQ ECO GOLD

Alfa Acciai and Acciaierie di Sicilia bars and coils are also certified to ICMQ ECO Gold, a sustainability label that measures product performance based on three thematic areas: environmental protection, resource conservation and energy saving.



Environmental communication

Sustainability Report

The Sustainability Report, that the Alfa Acciai Group first published in 2021, is the main reporting tool used by companies to communicate, with transparency and according to internationally recognised methods, the objectives, performance and strategies adopted in relation to ESG issues.

In addition to governance and social issues, this report details the Group's environmental performance, including materials consumption, waste management, energy efficiency, and emissions management and monitoring.

Siderurgica Investimenti Holding has released its first Sustainability Report 2024, thus extending the reporting scope to all Group companies: a milestone towards alignment with the Corporate Sustainability Reporting Directive (CSRD) guidelines.



Alfa Acciai Observatory

Set up in 2007, the observatory is a roundtable created and operated under the auspices of the Brescia Town Council. It periodically assesses the impact of the Brescia premises on the environment and provides an effective and comprehensive approach to engaging with the local community on environmental issues.



CREATING
VALUE
BY PUTTING
PEOPLE
FIRST

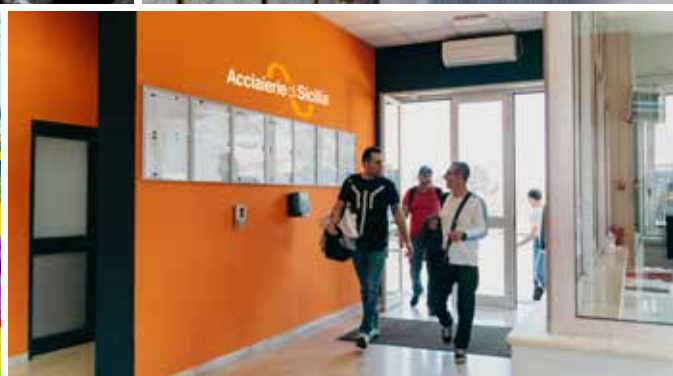
Social responsibility

Employees and colleagues across the Alfa Acciai Group represent a key element in the company's success. For this reason, in line with the principles set out in the Code of Ethics, the Group's companies are committed to valuing and protecting human resources, fostering their growth and the development of skills with the aim of strengthening the Group's professional expertise.

The Group recognizes the central role of people as a strategic resource for the organization's growth. In this context, it promotes the protection of workers' rights, health and safety in the workplace, well-being and work-life balance, equal treatment and the development of skills, helping to create a fair and inclusive working environment focused on enhancing human capital while generating a positive and lasting impact. These principles guide the Group's human resources management, ensuring the ethical conduct of its activities and constant attention to the social impacts generated.

Gender Equality Certification.

Alfa Acciai has been awarded the Gender Equality Certification in accordance with UNI/PdR 125:2022, confirming its ongoing commitment to promoting the values of equality, non-discrimination, gender equality and women's empowerment.



Focus on wellbeing

The Alfa Acciai Group pays particular attention to people's well-being and the promotion of welfare, consistently working to foster a healthy and inclusive working environment that supports a balanced integration of professional and personal life.



Training and professional development

The Alfa Acciai Group actively promotes the growth and development of its people by investing in training programs aimed at enhancing and expanding skills while strengthening engagement. This commitment contributes to building a dynamic and collaborative environment capable of attracting and retaining talent.

In recent years, Alfa Acciai, in collaboration with the ITS Academy Machina Lonati in Brescia, has developed the **Alfa Academy project** - an apprenticeship programme designed to train highly specialized professionals in industrial plant maintenance and to facilitate young people's entry into the world of work.



Safety in the workplace

The protection and development of people's health and safety represent an absolute priority for the Alfa Acciai Group, which is constantly committed to ensuring safe working environments and conditions that safeguard the health of its employees. The Group actively promotes a culture of safety, prevention and shared responsibility across all its sites and production facilities.



The Alfa Acciai Group adopts Health and Safety Management Systems, in accordance with the UNI EN ISO 45001 standard, as tools guaranteeing the pursuit and achievement of high levels of health and safety protection of workers to all stakeholders.

Engaging with local communities

The Alfa Acciai Group considers dialogue with local communities a fundamental tool for generating trust and shared value.

Through its long-standing presence and well-established relationships with local stakeholders, the Group contributes to the development of the communities in which it operates, promoting employment and professional growth at the local level and making a tangible contribution to the economic and social development of the territories, through constructive synergies between business, communities and institutions.



Alfa Acciai, a story of passion and tenacity

1954

Acciaierie Laminatoi Fonderie Affini S.r.l. is founded in Brescia, from which the name "ALFA" originates. The company focuses on steel production and rolling, through ongoing technological upgrading.

1984

Mitigation of the environmental impact of the plant, through both the installation of state-of-the-art EAF off-gas dedusting systems and soundproofing of the main production processes.

1986

The **Downstream Production Unit** comes into being for the production of welded wire mesh and drawn wire.

1991

Alfa Acciai takes over **Ferroberica** (Vicenza), strengthening its cold processes, including pre-shaping and assembly of reinforcing steel. The company becomes a European leader in the sector.

1998

Alfa Acciai takes over **Acciaierie di Sicilia** (Catania), the only steel mill in the heart of the Mediterranean, specialized in the production of rebar and spooled coils.

2000

In agreement with the Brescia Town Council, Alfa Acciai develops the "Alfa 2000" plan to further mitigate the environmental impact of the plant.

2004

Inauguration in Brescia of the third rolling mill to add spooled coils into the Alfa Acciai product range.

2008

Alfa Acciai begins production of **Alfa Sinstone**[®], an aggregate obtained from the recovery of steel mill slag for use in civil engineering works and road construction.

2016

Alfa Acciai takes over the industrial site of Montirone (Brescia) and **Tecnofil**, one of the major drawing mills with galvanizing plant in Europe.

2020

As a result of a research and development project, an innovative system is defined for the recovery of waste heat from the steel mill. Between 2023 and 2024, **Alfa Heat Recovery** is implemented, supplying heat to the Brescia district heating network run by A2A.

2023

50th anniversary of Ferroberica and development of EPDs for products. Definition of the **Organizational Carbon Footprint** for the entire Group.

2025

The holding company Siderurgica Investimenti publishes its first Sustainability Report 2024, a significant step towards compliance with the Corporate Sustainability Reporting Directive (CSRD).

2018

The **Montirone** site is about to host a new Alfa Derivati department for the production of recoiled wire and a new Ferroberica plant for pre-shaping and assembling, alongside the ones in Vicenza, Catania and Sedegliano (UD).

2021

Publication of the first **Sustainability Report of the Alfa Acciai Group**.

2024

70th anniversary of Alfa Acciai. Completion of the Group's range of artificial aggregates with Gripstone® (Alfa Acciai) and Sicilystone (Acciaierie di Sicilia). Acquisition by Ferroberica of a second production unit in Catania.

2026

Alfa Acciai obtains the **Gender Equality Certification**, strengthening its commitment to equity, inclusion and social sustainability.

Many factors to create an unequalled collaborative relationship

- **Extensive product range;**
- **Product quality**, which has always been ensured by continuous technological innovation, strict checks and the numerous certifications obtained;
- **Prompt availability of products** of various types and diameters, to meet all customer requirements promptly;
- **Professional approach and commitment**, making the Alfa Acciai Group a reliable partner;
- **The consolidated expertise** of our technical team, providing our customers with effective solutions;
- **Customer support**, which proves our reliability and continually maintains strong partnerships;
- **A highly efficient and flexible verticalized steel-making facility**, firmly based on respect for people and the environment, which is widely recognized as a benchmark in circular economy;
- **The Alfa Acciai Group's environmental commitment**, focused on reducing impacts and continuously improving environmental performance and supported by multiple certifications.

 **ALFA ACCIAI**
Group





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2026 Edition

Log on to

www.alfaacciai.it