

ArcelorMittal Europe Fact book 2022



ArcelorMittal

The world's leading steel and mining company

- > ArcelorMittal is the world's leading steel and mining company, with approximately **158,000** employees in more than **60** countries and steelmaking operations in **16** countries.

ArcelorMittal is the leader in all major global steel markets including automotive, construction, household appliances and packaging, with world-class research and development and outstanding distribution networks.

- > ArcelorMittal values geographical breadth, product diversity and raw-material security.
- > In 2021, approximately **30%** of its crude steel was produced in the Americas, approximately **53%** was produced in Europe and approximately **16%** was produced in other countries, such as Kazakhstan, South Africa and Ukraine.
- > At ArcelorMittal our goal is to help build a better world, developing smarter steels for people and planet. Since the company was founded, we have aimed to align all of our activity against four values: safety, sustainability, quality, leadership. Each of these values stands on a foundation of health and safety.



The future is **new**

Sustainability

Our journey towards becoming carbon neutral by 2050, having aligned with the Paris climate goals and the European Green Deal by committing to reduce European CO₂ emissions by 35% by 2030 and be carbon neutral by 2050, is well underway.

As Europe's largest steelmaker, we have a significant role to play. We are pioneering two breakthrough carbon-neutral technology routes: Smart Carbon and an innovative DRI-based route, and have projects underway for each of these routes to ensure we achieve our goals on time.

In 2021, we launched XCarb[®], to group together all the reduced, low and zero-carbon steelmaking activities of ArcelorMittal, as well as wider initiatives and green innovation projects.

Our industry-first XCarb[®] green steel certificates allow customers to report an equivalent reduction in their Scope 3 emissions, in accordance with the Greenhouse Gas Protocol.

The XCarb[®] recycled and renewably produced label is applied to our steels produced with up to 100-percent recycled content and using energy which only comes from renewable sources.



XCarb[®]

Towards carbon neutral steel



ArcelorMittal

Who we are



60,525
employees*



400 locations*



\$ 43,334 million
sales*



33.2 million
tonnes steel
shipments*

* in 2021

Markets we serve



For more info, visit
europe.arcelormittal.com/intromarkets

What we do

ArcelorMittal Europe – Flat Products is the largest producer of flat steel in Europe. The business produces hot and cold rolled coils, coated products, tinplate, plate and hot-dip galvanised products, and enamelled and electrical steels.

Flat Products has 11 integrated and mini-mill sites, and primary facilities in five countries. It sells to a wide range of industries including packaging, general industry (civil engineering, construction, domestic appliances, oil & gas, renewable energies, yellow & green goods) and automotive.

ArcelorMittal's advanced high strength steel (AHSS) and electrical steel solutions are helping car manufacturers on the road to electro-mobility.

ArcelorMittal Europe – Long Products operates 27 production sites in ten countries and is a leader in the manufacture of sections, sheet piles, rails, quality wire rod, rebar, and bars.

Sections and Merchant bars offers the widest selection of sections – from small to jumbo.

Rails & Special Sections is dedicated to the supply of rails for high-speed rail, trams and light rail, and transport rails.

Sheet Piling, the world leader in sheet piling technology, offers a complete foundation solution from the concept stage to project execution, including accessories, engineering and design support, special fabrication and finishing, and JIT logistics support.

Bars and rods offers a wide spectrum of wire rod as well as SBQ and forging billet, products covering the full range of final applications.

WireSolutions offers a diverse portfolio of low and high carbon wire products, including industrial wires, flat and shaped wires, cold heading quality wires, and cold rolled wires as well as wire ropes, wire fencing, nails, and steel fibres for concrete reinforcement. Corrosion resistant product solutions are WireSolutions' particular expertise.

Steligen® is ArcelorMittal's unique, holistic commercial approach to the construction market. Steligen® offers customers a complete set of construction-related products, services, and solutions.

ArcelorMittal Downstream Solutions offers processing and distribution solutions for ArcelorMittal's automotive and industrial customers in Europe. As well as distributing flat and long products, ArcelorMittal Downstream Solutions offers value-added and customised steel solutions through **Steel Service Centres Europe**. Specific solutions are dispatched through other ArcelorMittal Downstream Solutions business lines. These include:

Distribution Europe, providing a wide range of steel, stainless steel, aluminum, and building products to small local businesses, major industrial companies, and multinationals.

Construction, transforming coils into finished products such as profiles, panels, and facade sidings for any kind of building.

ArcelorMittal Projects, providing complete, customised and sustainable steel solutions and services via three specialised, project-related business lines: Foundation Solutions, Energy Projects and Solar Projects.

Industeel, which has facilities in Belgium and France, produces special steel plates and forged blocks from carbon, low-alloy, and stainless steels in thicknesses ranging from 4 to 1200 mm.

ArcelorMittal International, selling a full range of products via a network of offices located across the world.

Tubular Products, one of the most diversified producers of pipes and tubes, servicing diverse markets including energy, construction, engineering and automotive.

Research & development

Operating globally for all customers and business units, R&D is a cornerstone of sustainable development and ensures a constantly evolving and expanding portfolio of ArcelorMittal products.



1,420 full-time
researchers



11 sites around the world



US \$ 270 million
spending in total in 2021,
of which around 85%
is spent in Europe

Latest innovations



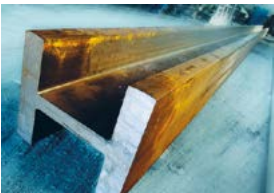
Our research teams make R&D the main driver of growth and a leading force for innovation within the ArcelorMittal group. Our latest innovations include:



ArcelorMittal and Metrotenerife collaborated to develop a **removable insulating chamber** for light rail transportation.



Véritéube offers tubes which are produced wholly in France. Proximity to the customer and respect for environmental standards and French norms are key.



HISTAR® range expanded with new grades up to 550 MPa to improve structural efficiency, simplify fabrication, and reduce project costs.

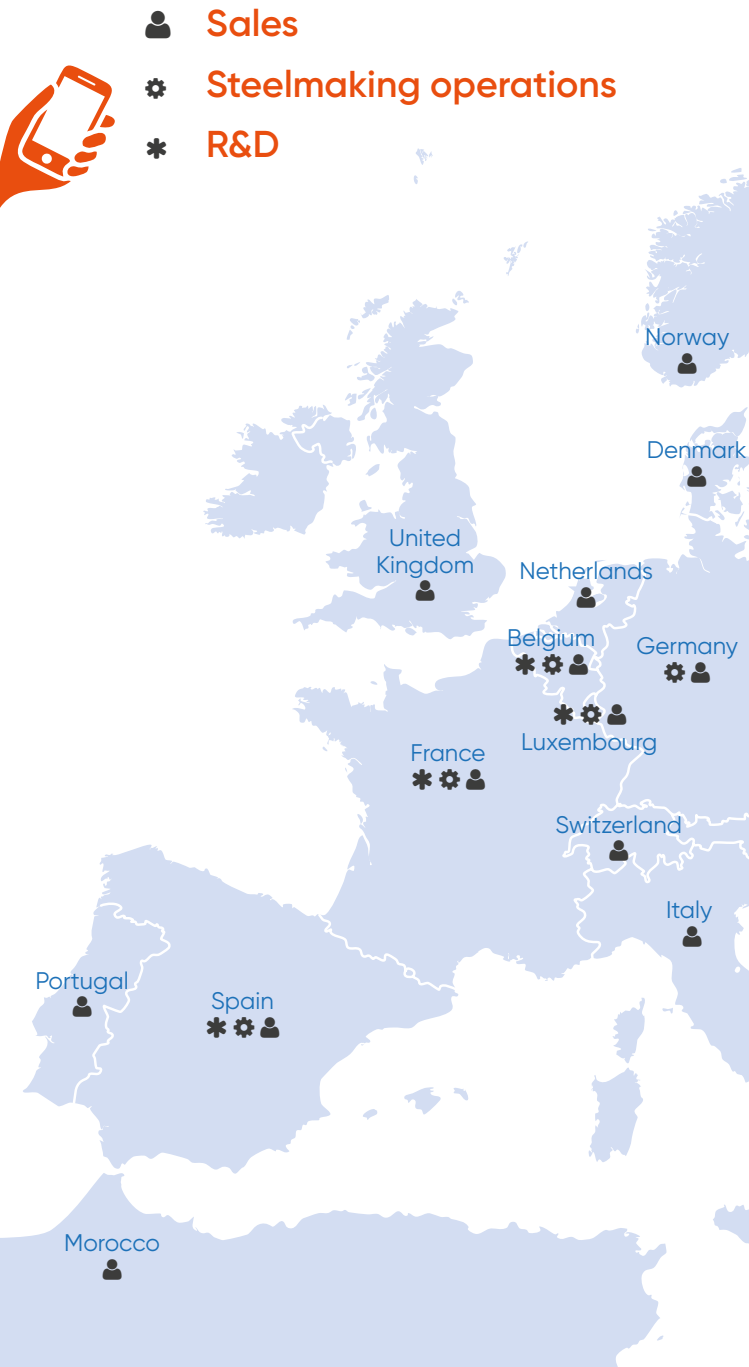


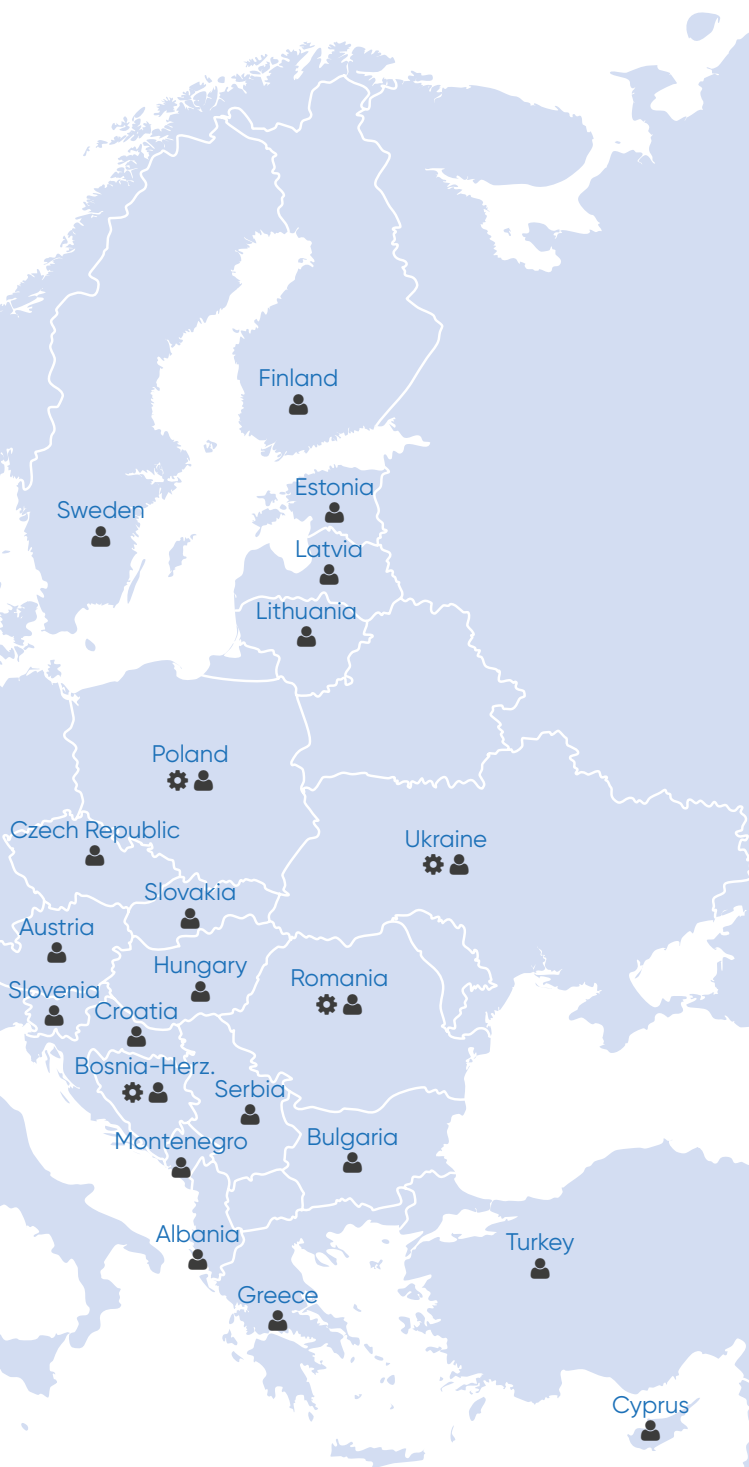
BPA-NI by ArcelorMittal, a pre-lacquered steel which uses BPANI (Bisphenol A Non-Intended) lacquers instead of epoxy-phenolic lacquers. The development has won an ADF Innovation Award.



The new **EcoSheetPile™ Plus** range's Global Warming Potential (GWP A1-A3) is only 370 kg CO₂-eq. per tonne of steel sheet pile.

Where we are





Sustainability investments highlights

New, ongoing and recently completed investments in Europe:

Belgium

ArcelorMittal Belgium will reduce CO₂ emissions by 3.9 million tonnes per year by 2030, by building a 2.5 million-tonne direct reduced iron (DRI) plant and two electric furnaces at its Ghent site, to operate alongside its state-of-the-art blast furnace that is ready to take waste wood and plastics as a substitute for fossil carbon.

United Kingdom

ArcelorMittal has acquired Scottish recycling business John Lawrie Metals Ltd. The acquisition is part of ArcelorMittal's strategy to increase the use of scrap steel to lower CO₂ emissions from steelmaking.

France

ArcelorMittal has announced a major environmental investment in its French steelmaking sites at Dunkirk and Fos-sur-Mer. The investments will reduce ArcelorMittal's CO₂ emissions in France by close to 40 percent (7.8 million tonnes) annually by 2030. The transformation equates to a 10 percent reduction in greenhouse gas emissions for the entire French manufacturing industry.

Spain

ArcelorMittal's Sestao plant in Spain will become the world's first, full-scale, zero carbon emissions, steel plant. ArcelorMittal signed a memorandum of understanding (MoU) with the Spanish Government in July 2021 that will see a €1 billion investment in decarbonisation technologies at ArcelorMittal Asturias' plant in Gijón, including a 2.3 million-tonne green hydrogen DRI plant and a hybrid EAF.

ArcelorMittal is one of the anchor sponsors of HyDeal España, the world's largest integrated renewable and competitive hydrogen hub. The plant will deliver competitive renewable hydrogen to an industrial complex in Asturias from facilities in northern Spain.

Germany

ArcelorMittal is planning to build a large-scale industrial plant in Bremen (Germany) for the direct reduction of iron ore (DRI) and EAF-based steelmaking. An innovative DRI pilot plant and EAF will also be built in Eisenhüttenstadt. The projects were launched after Germany announced plans to expand the country's hydrogen production and transport infrastructure.

■ The German government has committed to supply €55 million to fund ArcelorMittal's Hydrogen DRI plant in Hamburg. This is half of the total capital expenditure required. The demonstrator plant will lay the foundation for a new steelmaking process which will enable steel to be produced with zero carbon emissions^[1]. The process uses EAFs fed with hydrogen-reduced DRI and scrap metal, and powered by renewable electricity.

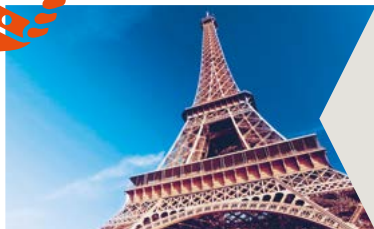
Luxembourg

ArcelorMittal Differdange hosts Luxembourg's first floating solar farm. The plant will produce 3 GWh/year, enough energy to power almost 800 local homes. The electricity produced on the floating solar farm will be fed into the local grid and contributes to Luxembourg's energy self-sufficiency.

■ As part of its decarbonisation strategy, ArcelorMittal has launched a project to build a biogas production plant at ArcelorMittal Rodange in Luxembourg. This new facility will reduce the CO₂ footprint of the rolling mill.

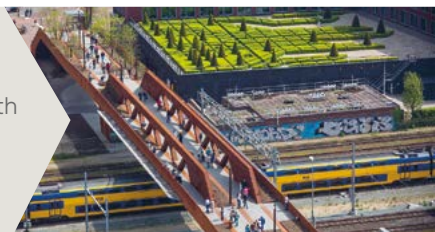
^[1] On a Scope 1 and 2 basis.

Steel, the fabric of life



ArcelorMittal steel ropes lift you up to the second floor of the Eiffel Tower (France)

Paleisbrug links past and future with Indaten® (the Netherlands)



Our stainless steel plates are used in an innovative biodiesel plant in Ghent (Belgium)

Granite® HFX Cool Matt and Magnelis® build Bevego's standing seam roofs



Our rails improve connectivity in Mexico

ArcelorMittal Europe's steel is used in a variety of end-market segments both within and beyond European borders.



The ATRIO tower: our first high-rise reference in South America (Colombia)



ArcelorMittal steel used in Christo's 'L'Arc de Triomphe, Wrapped' installation (France)



Our long products are the solution of choice for Spain's Port of Huelva



ArcelorMittal works with customers to meet the challenges of transporting new fuels



Granite® used in Epco's high-quality panels for garage, commercial, and industrial doors



What our customers say about us



NORSK STÅL

"As an almost 200-year-old company, we must continuously be at the forefront of new developments in the market. That's why stocking ArcelorMittal's XCarb® recycled and renewably produced steel beams was a natural choice for us."

Leif G. Hübert, Director of Supply Chain, Norsk Stål



"ArcelorMittal is our leading steel provider and an important partner for KRONE. We also cooperate on research and development in a very open and transparent way."

Georg Sasse, Head of Strategic Purchasing for KRONE



ATECNA

"When we decided to change location and build our own headquarters, we knew we were looking for a state-of-the-art new home. Steel appeared immediately as a unifying element for the offices and warehouse. It turns them into a unit and creates an exceptional aesthetic. It is so unique that our new factory has become Atecna's brand identity."

Gorka Lacunza, CEO of Atecna



"For many years we have been working with ArcelorMittal and their engineering support team on building projects. A recent success story is an iconic tall building project in Morocco – the Rabat Tower. The Tower is built with rolled sections made from quality HISTAR® steel and used as heavy columns. We appreciate ArcelorMittal's response times, depth of expertise, unique steel quality, and all the help we received to meet the project's delivery times. It is always good to have a partner that is willing to find solutions which can help the project and reduce costs. ArcelorMittal did exactly that!"

NS Rao, Chief Operating Officer of Eversendai Engineering L.L.C.





ATECNA

"The use of steel in the structure and the envelope of this building is motivated partly by its lightness. Steel is also capable of relating more to the spirit of Atecna, lighter, dynamic and innovative."

Inigo Beguiristain – Architect



"I recommend ArcelorMittal Sheet Piling for the company's reliability, service, and top-notch technical assistance. ArcelorMittal is the best-in-class when it comes to technical documentation."

Kari Geirlaugsson, CEO of Gudmundur Arason Ehf



"KS and our customers value the powerful environmental aspects of Magnelis® Light. Magnelis® Light means we use less resources, create more durable products which require less maintenance, and our processing is easier. And at the end of its life, a product made with Magnelis® Light is 100 percent recyclable."

Corne Rottier, General Manager of KS Service Center, a steel processing centre in the Netherlands



"We have ordered the first 1,000 tonnes of steel based on XCarb® green steel certificates for our products. This is our way of supporting ArcelorMittal in the transformation to a greener steel industry. Steel produced with a lower carbon footprint fits very well into our own sustainability strategy."

Thilo C. Pahl, Managing Director of Bette

The information in this fact book
is not meant to be exhaustive.
More information is available on
europe.arcelormittal.com



ArcelorMittal

Europe Communications

24-26, boulevard d'Avranches
L-1160 Luxembourg
G.D. of Luxembourg

europe.commercialcomms@arcelormittal.com

Photo credits:

Cover: Philippe Vandenameele; page 12: www.shutterstock.com / Iakov Kalinin, Jannes Linders,
ArcelorMittal Construction Sverige AB, COMSA; page 13: www.shutterstock.com / David Antonio
Lopez Moya, Port of Huelva, Marc Burton, Energy Management and Optimisation, Industeel
Belgium, Epco; back cover: Philippe Vandenameele.