



# EZZ STEEL

THE LEADING INDEPENDENT,  
FULLY INTEGRATED STEEL  
PRODUCER IN THE MIDDLE  
EAST AND NORTH AFRICA,  
ADMIRERED WORLDWIDE  
FOR ITS PRINCIPLES,  
PEOPLE, PARTNERSHIPS,  
PERFORMANCE, AND  
PASSION FOR EXCELLENCE.

WELCOME TO OUR WORLD

# OUR VALUES

COMMITMENT TO THE HIGHEST ETHICAL STANDARDS. TRUST IN ALL PARTNERS. PASSION FOR PERFECTION. PROTECTING PEOPLE AND THE ENVIRONMENT. CELEBRATING INGENUITY AND INNOVATION.

**Commitment to the highest ethical standards**  
We are honest and transparent in everything we say and do.

**Trust in all partners**  
We build mutually trusting, respectful and supportive relationships with business partners, customers and suppliers.

**Passion for perfection**  
We strive for continuous improvement in everything we do.

**Protecting people and the environment**  
We place the highest priority on safeguarding the health and welfare of our workforce, protecting our assets and preserving the environment.

**Celebrating ingenuity and innovation**  
We embrace talent, ideas and experiences from diverse cultures and value creative initiatives from our teams and partners.

# STEELMAKER TO THE WORLD

Ezz Steel is the leading independent steel producer in the Middle East and North Africa and a major exporter of outstanding steel products worldwide.

**We supply long and flat products worldwide to meet demand for high-quality steel for challenging construction, manufacturing, engineering and transport applications.**

#### **Advanced steelmaking**

Investments of more than \$4 billion in the latest steelmaking technology have made us one of the most technologically advanced steelmakers in the world. Our state-of-the-art steel plants in Egypt have the capacity to produce 7 million tons of rebar, wire rod and flat steel per year.

#### **Integration for efficiency and quality**

Integrating direct reduced iron (DRI) facilities into our plants creates a continuous feed of high-quality raw materials into the steelmaking process. Such integration improves operational efficiency, enhances product quality and optimizes energy use.

# \$4 BILLION

INVESTMENT IN STEELMAKING TECHNOLOGY





STEEL IS AN INTEGRAL  
PART OF OUR LIVES  
AND CAN BE FOUND  
ALL AROUND US IN AN  
INCREASING RANGE  
OF COMPONENTS  
AND STRUCTURES.

**AHMED EZZ**  
EZZ STEEL FOUNDER

# QUALITY IN EVERY TON

Our integrated steelmaking processes combine advanced technology with rigorous quality control to maintain the highest standards.

**Producing consistently high-quality steel is at the core of our business. It's what we do, every day. Our fully integrated steelmaking plants produce long and flat steel products to meet the most demanding international standards. Our quality management system is certified to the internationally recognized ISO 9001 standard.**

#### **Guaranteed steel quality**

We guarantee consistent quality by using raw materials of the highest quality and purity, as well as investing in the most advanced steelmaking technology. We trust the skills and expertise of our steelmakers who continuously monitor and test our steel at every stage.

#### **High-grade ingredients**

Steelmaking at Ezz Steel begins with the conversion of high-grade iron ore into high-purity Direct Reduced Iron (DRI) in our direct reduction plants. Our Electric Arc Furnaces (EAFs) are fed continuously with 80% DRI, mixed with 20% high-grade steel scrap. This enables us to maintain precise control over metallurgical properties, ensuring low levels of impurities and producing a consistently high-quality end product.

#### **Carefully controlled steelmaking**

Continuous monitoring helps to maintain steel cleanliness. The controlled addition of alloying elements and gas stirring at high temperature in the ladle furnace produce the precise chemical composition for each steel grade, with low levels of inclusions. Sensitive handling protects our steel against mechanical damage.

#### **Tested to perfection**

Steel is quality tested throughout the steelmaking, casting, rolling and finishing processes. Samples are taken for testing in our ISO/IEC 17025-certified laboratories. Sophisticated analytical equipment and techniques are used to verify the precise chemical content of each steel grade. Test results are relayed to the plant so that any fine adjustments can be made to maintain accurate steel composition at all times.



# OUR PRODUCTS

REBAR, WIRE ROD, HOT-ROLLED COIL

Ezz Steel has the capacity to produce 7 million tons of finished steel products per year in more than 450 grades.

## **LONG PRODUCTS: Rebar and wire rod**

We produce both plain and deformed rebar in diameters ranging from 10 mm to 40 mm, in lengths from 6 meters up to 24 meters. Our rebar is an indispensable reinforcement material used in the construction of large-scale concrete structures.

Ezz Steel wire rod meets the high standards demanded by customers for challenging construction, engineering and manufacturing applications. Our product range includes low, medium and high-carbon steel grades and is produced in diameters ranging from 5.5 mm to 16 mm, with exceptional mechanical properties and welding characteristics, through to high-quality steel grades with enhanced drawing performance.

## **FLAT PRODUCTS: Hot-rolled coil (HRC)**

We produce more than 300 grades of flat steel using the latest hot-rolled coil production facilities. Our advanced thin slab continuous casting technology enables us to produce HRC to thicknesses ranging from 1.0 mm to 14.0 mm and in widths ranging from 900 mm to 1600 mm. Few mills in the world can produce such thin steel.



ANNUAL  
PRODUCTION  
CAPACITY

7 MILLION TONS

4.7 MILLION TONS  
LONG PRODUCTS

2.3 MILLION TONS  
HOT-ROLLED COIL (HRC)

# EZZ STEEL IN ACTION

We supply steel products for challenging applications in construction, manufacturing, engineering and transport.



## **REBAR:** **Putting strength into construction**

Ezz Steel rebar is an indispensable reinforcement material used in the construction of large-scale concrete structures, from tunnels and bridges to infrastructure for nuclear projects and industrial plants.

It is used to strengthen and stabilize a wide range of structural elements, from foundations to building cores and floors, concrete roads and airport runways, canal linings and steel beam coverings.

## **HOT-ROLLED COIL:** **Designed for industrial duties**

Our flat steel is produced in more than 300 grades, to meet the specific demands of many industrial, commercial and domestic applications. Our hot-rolled coil is used to manufacture everything from pipes, barrels and earthmoving equipment to household goods, shipbuilding and automotive components.

## **WIRE ROD:** **Versatile product for precision applications**

We produce consistent, high-quality wire rod for a whole range of applications – from high-tensile cables and furniture springs to fasteners, fixings and electrical components. These require wire rod with varying degrees of tensile strength, ductility, machinability, formability and other properties.

We are constantly extending our range of wire rod compositions and sizes to suit the demands of new end uses. By working closely with customers, we ensure that our wire rod helps to optimize their production processes and deliver the precision end products demanded by their markets.

# ADVANCED PLANTS FOR PRECISION STEELMAKING

Our integrated steelmaking plants use the latest technology to produce long and flat steel products to international standards.

Ezz Steel operates four purpose-built plants across Egypt. Our production facilities for both long and flat steel products employ state-of-the-art technology, producing steel in a continuous, computer-controlled process. Intelligent plant design and automation produce exceptional steel quality and market-leading productivity.

Our plants are strategically located for easy access to raw materials and proximity to major transport routes for efficient worldwide distribution.

## Alexandria

Our Alexandria plant is a fully integrated steelmaking facility. It incorporates three direct reduction plants for producing high-quality DRI, as well as electric arc furnaces coupled with continuous casting for billet and slab production. Rolling and strip mills produce rebar, wire rod and HRC.

## Sadat City

The mini-mill in Sadat City is a rebar production plant. Steelmaking facilities include an electric arc furnace, a billet caster, and two rolling mills where billets are reheated and rolled into rebar.

## Suez

The Suez plant is fully integrated, incorporating a direct reduction mega module for producing high-quality DRI, as well as an electric arc furnace coupled with continuous casting for billet and slab production. Its rolling and strip mills produce rebar and HRC.

## 10th of Ramadan City

This plant re-rolls billets into rebar and wire rod. It also produces cold-rolled, pre-welded steel fabric panels in a dedicated facility, providing a valuable ready-to-use product for structural concrete reinforcement.



5  
MILLION  
TONS

DRI ANNUAL PRODUCTION CAPACITY

PRODUCING  
IRON BY DIRECT  
REDUCTION GIVES  
US A HIGH-PURITY  
INGREDIENT FOR  
STEELMAKING,  
WITH LOW LEVELS  
OF RESIDUAL  
ELEMENTS.

**FOUAD EMAM**  
CORPORATE CHIEF TECHNICAL  
OFFICER, EZZ STEEL



# STEEL PROFESSIONALS AT YOUR SERVICE

The skills and dedication of our 8,000 employees are the driving force behind the quality of our steel products and the excellence of our customer service. From sales teams to pulpit controllers, from plant managers to technical liaison staff, everyone has a key role to play in making Ezz Steel a leading steelmaker in the MENA region and a global player.

#### Dedicated customer support

Our people provide expert support to our customers at all times. Sales and technical staff attend training courses run by the world's top educational organizations, ensuring they understand the latest industry trends and practices, and are well equipped to serve our global customer base.

#### Investing in talented people

The high caliber of our workforce is your guarantee of exceptional service and product quality. That's why we invest heavily in training our people and in recruiting experienced individuals, as well as hiring the most promising graduates to build the next generation of steel professionals.



EZZ STEEL IS A LEAN,  
EFFICIENT ORGANIZATION,  
EMPLOYING SKILLED  
PEOPLE TO PRODUCE  
LARGE VOLUMES OF  
STEEL, AND INVESTING  
IN THE VERY BEST  
TECHNOLOGY TO  
MAINTAIN OUR  
IMPRESSIVE QUALITY  
STANDARDS AND  
PRODUCTIVITY LEVELS.

**HASSAN NOUH**  
MANAGING DIRECTOR, EZZ STEEL



# 8,000+ EXPERTS

EXPERIENCED, TALENTED AND MOTIVATED  
PEOPLE THROUGHOUT EZZ STEEL ARE  
YOUR GUARANTEE OF EXCELLENCE.



# BUILDING CUSTOMER PARTNERSHIPS

Ezz Steel builds close working relationships with customers to share expertise and support your most ambitious projects.

All our steel professionals share the same determination to forge supportive relationships with customers in all sectors – and to uphold our reputation for service excellence.

#### **Support and advice from the experts**

By understanding the specific business and operational requirements of your organization, we can advise you on the optimum steel grades for your needs. Strong customer relationships are the foundation of the way we work, and customers know they can rely on the quality of our steel and the expertise of our people to support their business objectives.

#### **Responsive service to meet urgent requirements**

The efficient manufacturing processes at our plants mean we can offer excellent stock availability and short lead times on most orders – to fulfil your most urgent requirements. We can respond quickly to changing demand, and produce steel to order to meet challenging specifications and program times.





THE EZZ STEEL BRAND IS SYNONYMOUS WITH QUALITY. OUR STEEL GRADES ARE CERTIFIED BY INTERNATIONAL BODIES, ENABLING US TO MEET ANY CUSTOMER REQUIREMENTS.

**RAED EL-BEBLAWY**  
MANAGING DIRECTOR, EZDK

# TAKING HIGH-QUALITY STEEL TO THE WORLD

Ezz Steel products are supplied to customers worldwide, from the Middle East and North Africa to Europe, USA and Asia.

Ezz Steel products are distributed to customers on four continents where the quality, integrity and reliability of our steel make a significant contribution to major construction, engineering and infrastructure projects.

#### **Exporting to our neighbours**

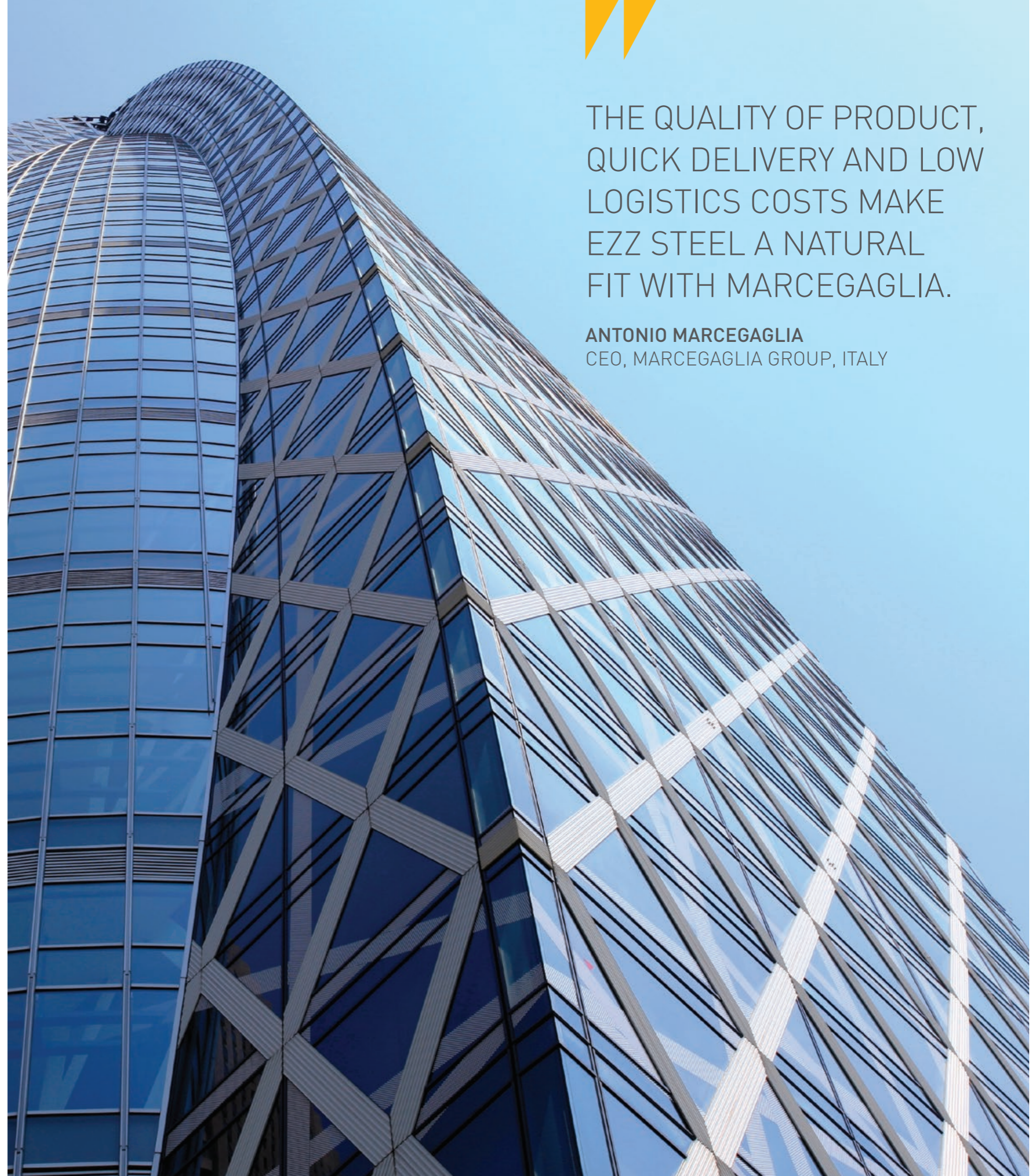
A principal market for Ezz Steel products is the wider Middle East and North Africa region. Rapid growth and development in these countries over recent decades has escalated demand for reliable supplies of high-quality steel products.

#### **Meeting demand from global customers**

A significant proportion of Ezz Steel exports are destined for Europe, Asia and the USA, where the quality of our products is a match for steel from many local steel producers. As well as our consistent-quality steel, overseas customers value our reliable deliveries, flexible production capabilities and competitive prices.

#### **Rapid dispatch and delivery – anywhere in the world**

Our continuous integrated steel production processes include storage facilities located at the end of our rolling and cooling lines – enabling fast, efficient transfer with minimal handling. This not only facilitates rapid loading onto transport but also helps to maintain product quality by minimizing the risk of mechanical damage.



THE QUALITY OF PRODUCT,  
QUICK DELIVERY AND LOW  
LOGISTICS COSTS MAKE  
EZZ STEEL A NATURAL  
FIT WITH MARCEGAGLIA.

**ANTONIO MARCEGAGLIA**  
CEO, MARCEGAGLIA GROUP, ITALY

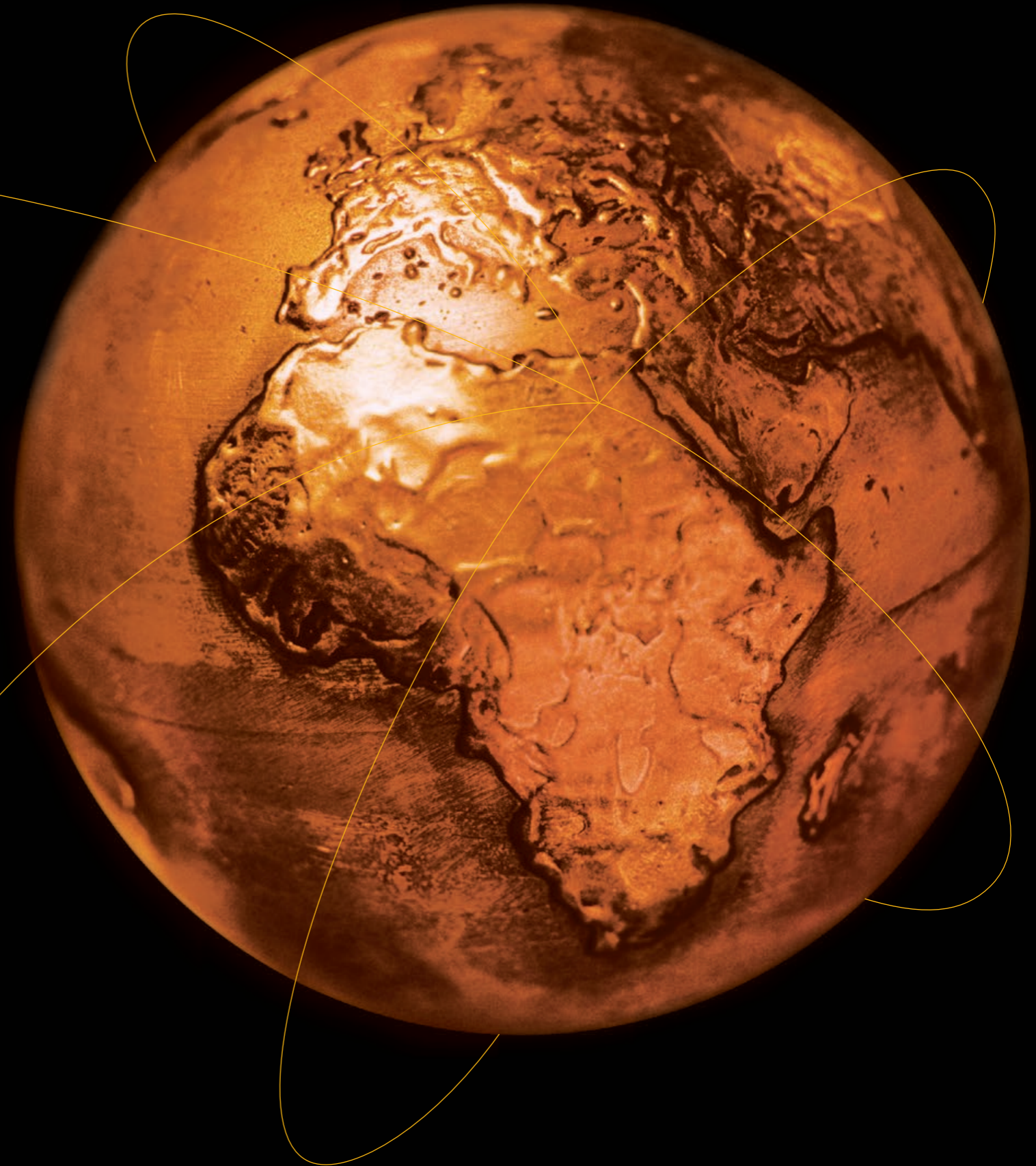
THE STRATEGIC LOCATION OF OUR  
MANUFACTURING PLANTS CLOSE TO MAJOR  
PORTS AND ROADS SUPPORTS EFFICIENT  
STEEL DELIVERIES WORLDWIDE.



OUR FLEXIBLE BUSINESS MODEL  
ALLOWS EZZ STEEL TO FOLLOW  
DEMAND ANYWHERE IN THE  
WORLD, AIDED BY THE PROXIMITY  
OF OUR PLANTS TO THE PORTS.

THIS FLEXIBILITY HAS ENABLED  
US TO PLAY A KEY ROLE IN  
THE RAPID DEVELOPMENT OF  
EMERGING MARKETS IN THE  
REGION AND FURTHER AFIELD.

**HASSAN NOUH**  
MANAGING DIRECTOR, EZZ STEEL



# GROWING SUSTAINABLY

We take responsibility for minimizing our environmental impact while supporting our people and local communities.

## Environmental stewardship

Protecting our environment, our people and our neighbouring communities is a commitment that influences everything we do at Ezz Steel. We work hard to create a sustainable business that is commercially successful while operating with minimal impact on the planet.

Our steelmaking plants meet internationally recognized environmental and occupational health and safety standards, and our business complies with international guidelines for CO<sub>2</sub> emissions.

## Safety first

Strict, internationally verified safety procedures are in place at our sites to protect our workforce and visitors. Every member of staff receives regular safety training, and we give all our people the knowledge and resources they need to work safely and to safeguard the health and well-being of others.

## Support for local communities

Ezz Steel takes its responsibilities towards the well-being of local people and communities very seriously. The support we provide ranges from fundraising initiatives for local charities, to working side-by-side with the government on programs to provide a decent standard of living for low-income families. We have made significant contributions to affordable housing schemes, including donating one ton of steel to each of the first 30,000 beneficiaries of one such program.

## Building skills for the future

We partner with non-governmental organizations to build skills and knowledge among local school children, helping them to identify and develop their talents. Our specialists regularly hold workshops and training schemes to help university students prepare for the world of work.

# \$100 MILLION

INVESTMENT IN CSR PROJECTS



# IN HARMONY WITH THE ENVIRONMENT

Investment in environmental  
protection at our plants

WE RESPECT THE  
VALUE OF PROTECTING  
THE COMMUNITIES  
AROUND US. SO, FROM  
GOOD HOUSEKEEPING  
STANDARDS TO MAJOR  
INVESTMENTS IN  
WATER PURIFICATION  
AND TREATMENT,  
WE ARE EXTREMELY  
CAREFUL ABOUT OUR  
ENVIRONMENTAL  
COMPLIANCE.

AHMED EZZ  
EZZ STEEL FOUNDER

- Filters fitted to purify emissions.
- Water-treatment facilities recycle water on each site.
- Advanced fume-collection systems capture, treat and clean gas emissions.
- Strict controls on dust, liquid effluents, noise levels and electrical pollution.
- Solid waste recycled at all plants and some reused in other industries.
- Large green spaces maintained at all sites.

# INTERNATIONAL ACCREDITATIONS

ISO 9001

ISO 14001

ISO 45001

ISO 50001

ISO/IEC 17025

CE MARK

UK CARES

METALLIC MATERIAL ORGANIZATION  
QUALITY SYSTEM PROGRAM



# OUR STRATEGIC VISION TO ACHIEVE ORGANIC GROWTH BY BUILDING AND EXPANDING FULLY INTEGRATED PRODUCTION OPERATIONS THAT CAN WITHSTAND MARKET VOLATILITIES AND MAINTAIN A STRONG COMPETITIVE POSITION.

Greater vertical integration, increasing output and improving sustainability are strategic priorities for Ezz Steel.

#### **Expanding output to meet demand**

Expansion and development never cease at Ezz Steel. Our aim is to expand our international reach, providing more customers with the highest quality steel for essential developments worldwide.

#### **Growing responsibly**

The primary focus for Ezz Steel in the coming years is to continue our expansion to keep pace with growing demand. At the same time, we remain devoted to investing in sustainable operations and technologies – upholding our position as a modern, efficient, forward-looking steel producer with a global reach.

#### **Improving efficiency through vertical integration**

Our \$550 million investment in a Direct Reduction Iron (DRI) mega module at Suez significantly enhanced our vertical integration – which is a strategic priority for the business. It increased our DRI capacity to 5 million tons per year, making Ezz Steel the second largest DRI producer in the world (2017).

Such investments in upstream operations increase the efficiency of Ezz Steel, and consequently enhance our competitiveness – both regionally and internationally.

FORGING THE FUTURE OF OUR WORLD





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