

MARCEGAGLIA CARBON STEEL TUBE DIVISION

MARCEGAGLIA GROUP

OUR NUMBERS

MARCEGAGLIA IS A MAJOR PLAYER ON THE INTERNATIONAL STEEL SCENE THAT OFFERS CONSTANT GROWTH AND HIGH-QUALITY PRODUCTS AND PROCESSES, CONTRIBUTING SIGNIFICANT ADDED VALUE TO THE MARKET WHILE MAINTAINING A STRONG FOCUS ON SUSTAINABILITY.

1st PLAYER IN STEEL PROCESSING SECTOR IN THE WORLD

PRODUCER OF STAINLESS STEEL WELDED TUBES IN THE WORLD

PRODUCER OF CARBON STEEL WELDED TUBES IN EUROPE

SERVICE CENTER IN ITALY

6.5

MILLION TONNES OF FINISHED PRODUCT

9.0

BILLION EUROS IN TURNOVER

7,500

EMPLOYEES

36

PLANTS ACROSS 4 CONTINENTS

15,000

CUSTOMERS

STRATEGIC RESOURCES AND DISTINCTIVE SKILLS

- SOLID GLOBAL PROCUREMENT NETWORK
- DIVERSIFIED RANGE OF PRODUCTS AND SERVICES
- WORLDWIDE DISTRIBUTION
(CUSTOMER BASE, GEOGRAPHIC MARKETS, AREAS OF USE)
- OPERATIONAL EXCELLENCE AND LOGISTICS
- FLEXIBILITY / REACTIVITY / SPEEDY DECISION MAKING
- SERVICE ORIENTATION
- COMPETENCE / MOTIVATION / STABILITY OF MANAGEMENT

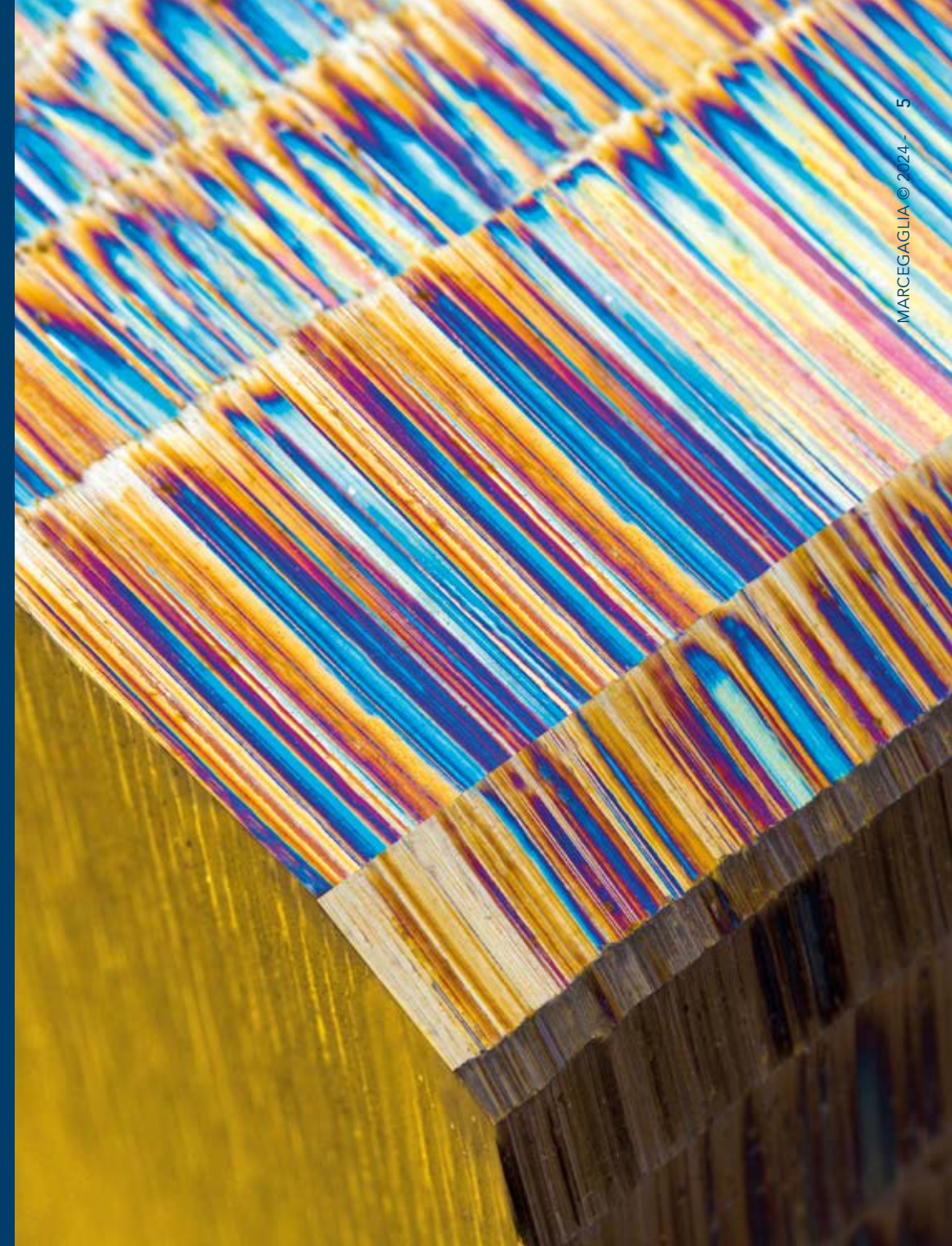


UNIQUE POSITIONING

MARCEGAGLIA IS PRESENT THROUGHOUT THE STEEL VALUE CHAIN, BOTH HORIZONTALLY AND VERTICALLY, THANKS TO ITS UNIQUE STRATEGIC POSITIONING.

THE GROUP IS THE WORLD'S LEADING INDEPENDENT STEEL PROCESSOR WITH A PRODUCT RANGE THAT COVERS EVERYTHING FROM CARBON TO STAINLESS STEEL, FROM LONG TO FLAT PRODUCTS, FROM COMMODITY TO SPECIALTY.

IN JANUARY 2023, THE COMPANY ACQUIRED AN ELECTRIC FURNACE FOR SPECIAL STEEL PRODUCTS IN SHEFFIELD, UK: THIS BEING THE FIRST PRIMARY PRODUCTION ASSET IN THE GROUP'S HISTORY. MARCEGAGLIA HAS INVESTED WITH A VIEW TO SHORTENING AND STABILISING SUPPLY CHAINS AND DEVELOPING AN OFFER OF INCREASINGLY SUSTAINABLE AND COMPETITIVE PRODUCTS.



STEEL, IN ALL SHAPES

CARBON STEEL



CARBON STEEL COILS
PICKLED, COLD ROLLED AND HOT DIP GALVANIZED



CARBON STEEL STRIPS
BLACK, PICKLED, COLD ROLLED AND HOT DIP GALVANIZED



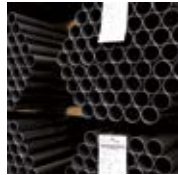
CARBON STEEL SHEETS
BLACK, PICKLED, COLD ROLLED, HOT DIP GALVANIZED, DIAMOND AND TEARDROP PAT-TERNE



PRE-PAINTED COILS



PRE-PAINTED STRIPS AND SHEETS



CARBON STEEL WELDED TUBES



COLD-DRAWN WELDED TUBES



REFRIGERATION TUBES

BUILDING



INSULATED ROOFING AND WALL PANELS



INSULATED PANELS FOR SECTIONAL DOORS



SAFETY BARRIERS



SCAFFOLDING EQUIPMENT

SPECIALTY STEEL



STAINLESS STEEL COILS



STAINLESS STEEL STRIPS



STAINLESS STEEL SHEETS



STAINLESS STEEL WELDED TUBES



CARBON AND STAINLESS STEEL COLD-DRAWN BARS

STAINLESS STEEL FLAT BARS

STAINLESS STEEL COLD FORMED SECTIONS



STAINLESS STEEL SEMI-FINISHED PRODUCTS



STAINLESS STEEL BARS

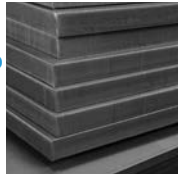


STAINLESS STEEL WIRE RODS



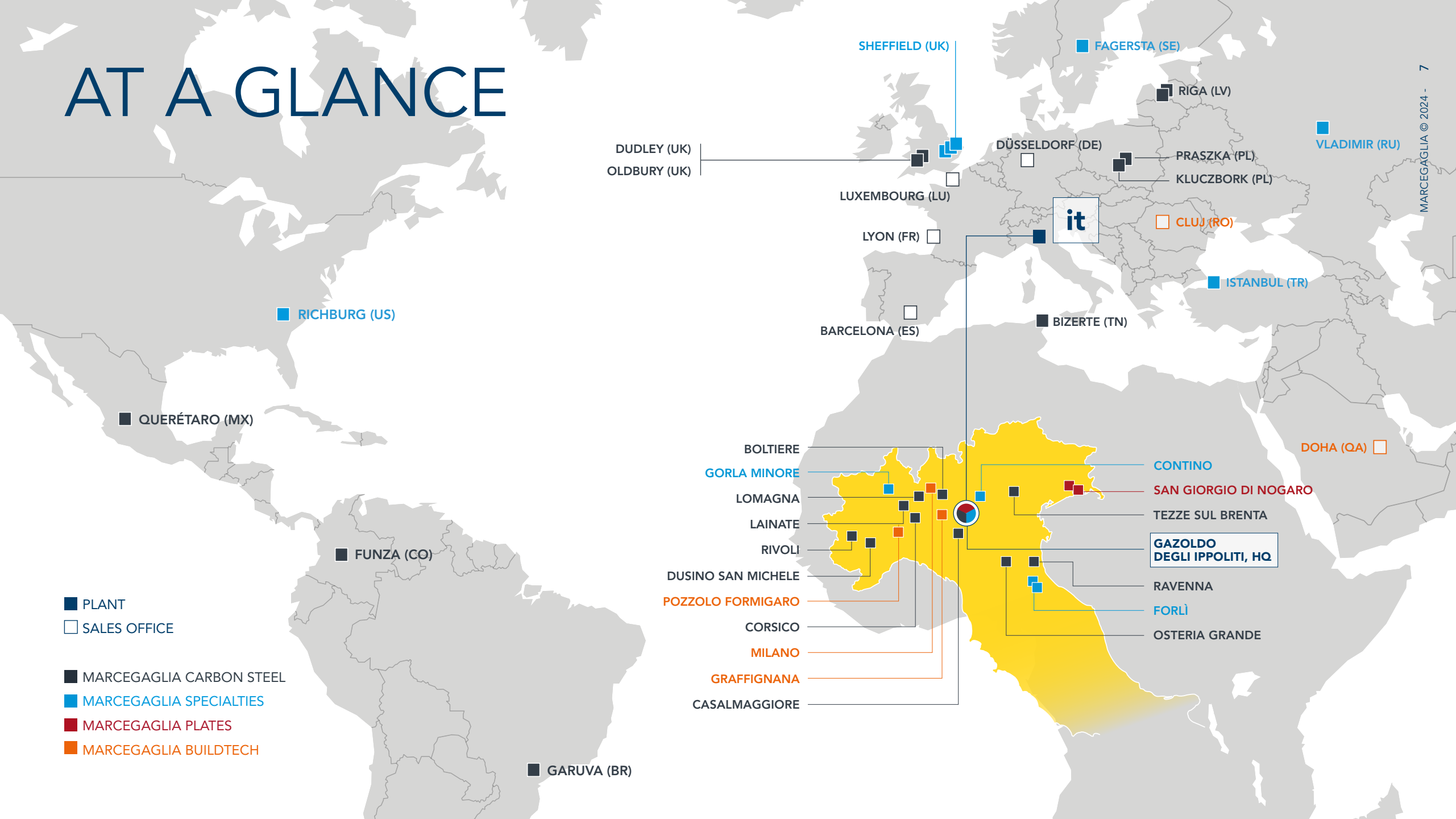
STAINLESS STEEL DRAWN WIRES

HEAVY PLATES



HEAVY PLATES

AT A GLANCE



■ PLANT
□ SALES OFFICE

■ MARCEGAGLIA CARBON STEEL
■ MARCEGAGLIA SPECIALTIES
■ MARCEGAGLIA PLATES
■ MARCEGAGLIA BUILDTECH

SHEFFIELD (UK)
DUDLEY (UK)
OLDBURY (UK)
LUXEMBOURG (LU)
LYON (FR)
BARCELONA (ES)
BIZERTE (TN)
DÜSSELDORF (DE)
FAGERSTA (SE)
RIGA (LV)
PRASZKA (PL)
KLUCZBORK (PL)
CLUJ (RO)
ISTANBUL (TR)
VLADIMIR (RU)

BOLTIERE
GORLA MINORE
LOMAGNA
LAINATE
RIVOLI
DUSINO SAN MICHELE
POZZOLO FORMIGARO
CORSICO
MILANO
GRAFFIGNANA
CASALMAGGIORE
CONTINO
SAN GIORGIO DI NOGARO
TEZZE SUL BRENTA
GAZOLDO DEGLI IPPOLITI, HQ
RAVENNA
FORLÌ
OSTERIA GRANDE
DOHA (QA)

■ GARUVA (BR)

SUSTAINABLE MIND

MARCEGAGLIA HAS ALWAYS CARED GREATLY ABOUT ENVIRONMENTAL AND SOCIAL SUSTAINABILITY, WELL AWARE THAT EACH COMPANY MUST PLAY ITS PART IN DESIGNING A WORLD THAT CAN FIND THE RIGHT BALANCE BETWEEN THE USE OF RESOURCES, WELL-BEING AND INCLUSION.

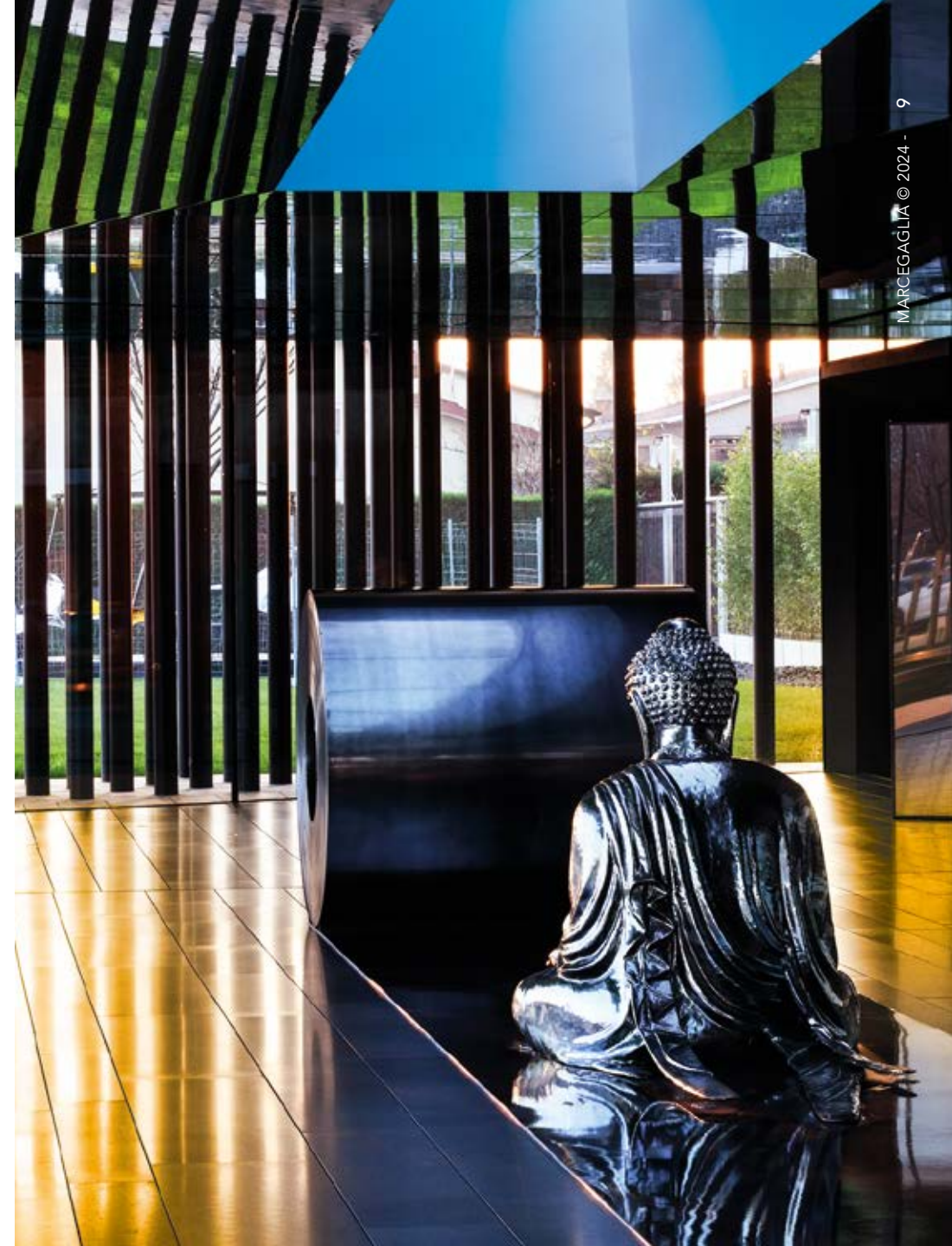
WE HAVE INVESTED IN H2 GREEN STEEL, THE WORLD'S FIRST ZERO-EMISSION STEEL MILL; WE ARE PARTNERS OF THE CO₂ CAPTURE AND STORAGE PROJECT IN THE RAVENNA INDUSTRIAL DISTRICT AND WE ARE EXPLORING THE USE OF GREEN HYDROGEN.



CASA MARCEGAGLIA

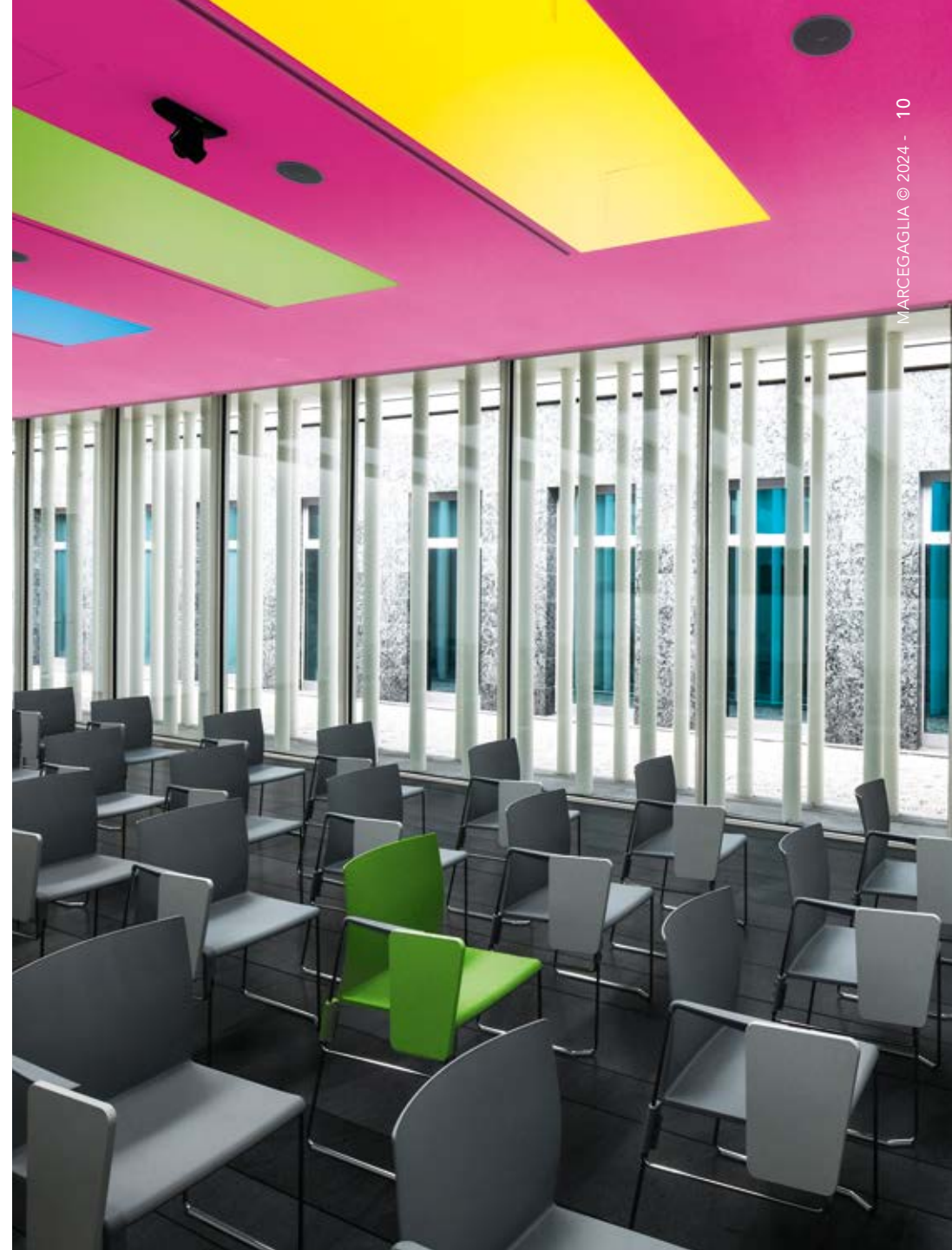
A PERMANENT MUSEUM COVERING 1,300 SQUARE METERS AT THE HEADQUARTERS OF THE GROUP, IN GAZOLDO DEGLI IPPOLITI, TAKES VISITORS ON AN EMOTIONAL AND INTERACTIVE JOURNEY.

RETRACING THE FOOTSTEPS OF THE FOUNDER, STENO MARCEGAGLIA'S VALUES THAT DEFINED THE COMPANY AND THE MANY APPLICATIONS THAT TRANSFORMED MARCEGAGLIA STEEL.



MARCEGAGLIA ACADEMY

A PLACE OF HIGHER EDUCATION
FOR GROUP EMPLOYEES AND COLLABORATORS,
AS WELL AS EXTERNAL USERS,
WHICH SHARES AND AMPLIFIES THE COMPANY KNOW-HOW,
THANKS TO THE CONSTANTLY UPDATED
HISTORICAL AND TECHNICAL ARCHIVE
OF THIS HIGHLY SPECIALISED EDUCATIONAL HUB
AND DIGITAL LIBRARY.



STEEL IS HUMAN

THE COMPANY HAS FORGED A RELATIONSHIP WITH THE LOCAL AREA EARLY ON THANKS TO THE INTEREST AND EFFORTS OF THE FOUNDERS, STENO AND MIRA MARCEGAGLIA.

OVER THE YEARS THIS BOND HAS GROWN DEEPER, ASSUMING A STRONG SOCIAL COMMITMENT TO SUPPORT NUMEROUS INITIATIVES FOR THE BENEFIT OF THE COMMUNITY.

MARCEGAGLIA FOUNDATION

MARCEGAGLIA FOUNDATION IS THE NON-PROFIT ORGANISATION ESTABLISHED IN 2010, WHICH DEMONSTRATES THE NATURAL EVOLUTION OF THE FAMILY'S PHILANTHROPIC SPIRIT WHICH EXCLUSIVELY PURSUES THE PURPOSES OF SOLIDARITY AND SUPPORT, AND THE CREATION OF INITIATIVES IN SOCIAL, HEALTH, EDUCATIONAL, ECONOMIC SPHERES.



BEYOND STEEL

MARCEGAGLIA INVESTMENTS OVERSEES AND DEVELOPS DIVERSIFIED ACTIVITIES WITH RESPECT TO THE CORE BUSINESS OF THE GROUP IN ELECTROMECHANICAL ENGINEERING, PRODUCTS FROM COMPOSITE MATERIALS AND DOMESTIC PRODUCTS. THESE FEATURE A DEDICATED RANGE OF COMPONENTS FOR THE APPLIANCES AND REFRIGERATION INDUSTRY.

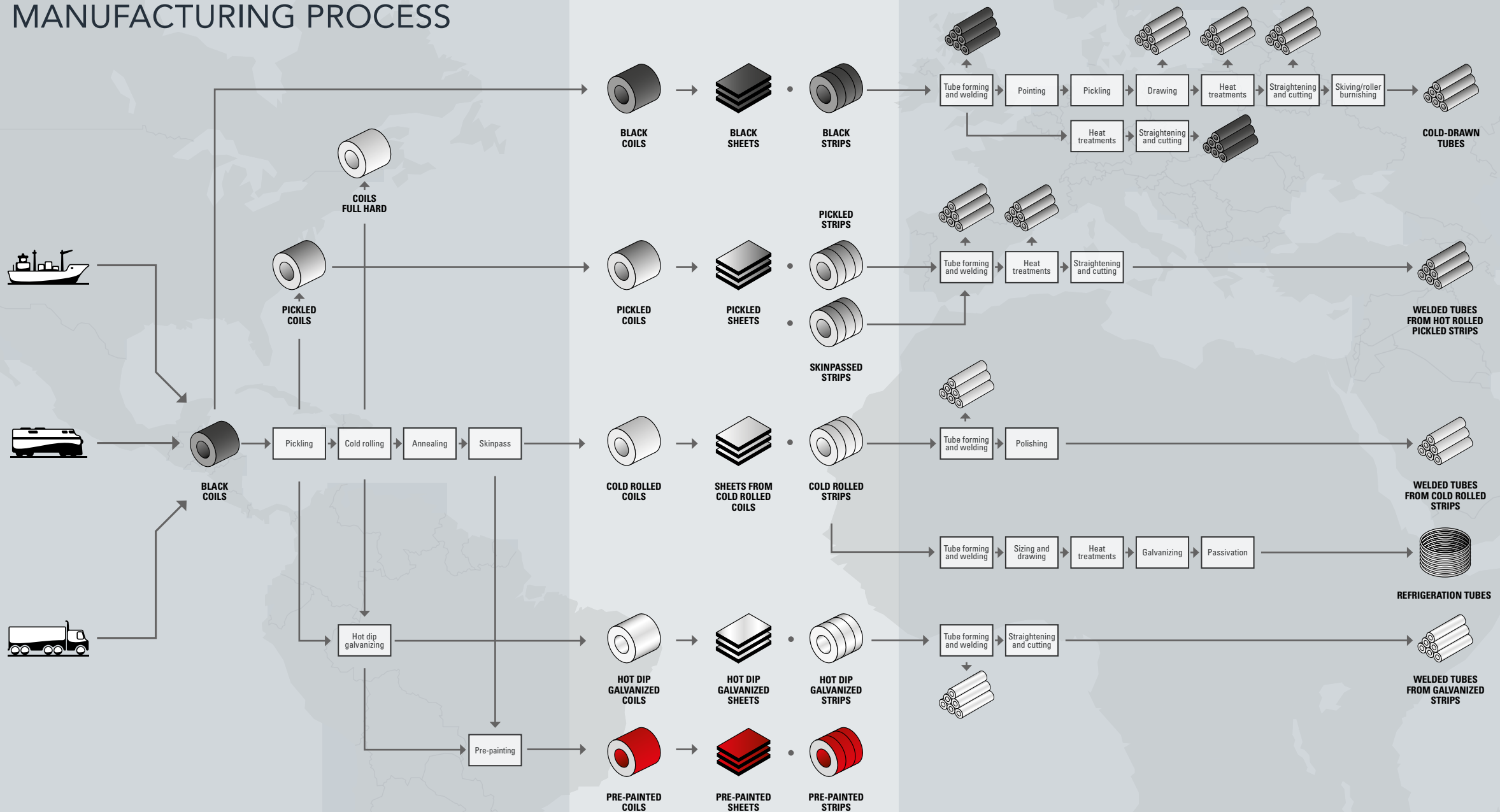
THE HOLDING COMPANY IS ALSO PRESENT IN THE TOURISM AND REAL ESTATE SECTORS. AS WELL AS THE ENERGY INDUSTRY, WITH THE PRODUCTION OF ENERGY FROM RENEWABLE SOURCES. THERE IS ALSO AN INVOLVEMENT IN THE ENVIRONMENT, HEALTH AND SAFETY AND QUALITY SECTORS.



- ||| METAL HANDLES - CONDENSERS - EVAPORATORS
- ⚙️ COMPOSITE MATERIALS
- ⚡ POWER PRODUCTION FROM RENEWABLE SOURCES
- 💬 ANALYSIS - ENVIRONMENT, HEALTH, SAFETY AND QUALITY - TRAINING SOFTWARE, IT
- 🏠 HOSPITALITY ACTIVITIES AND REAL ESTATE

MARCEGAGLIA CARBON STEEL TUBE DIVISION

MANUFACTURING PROCESS

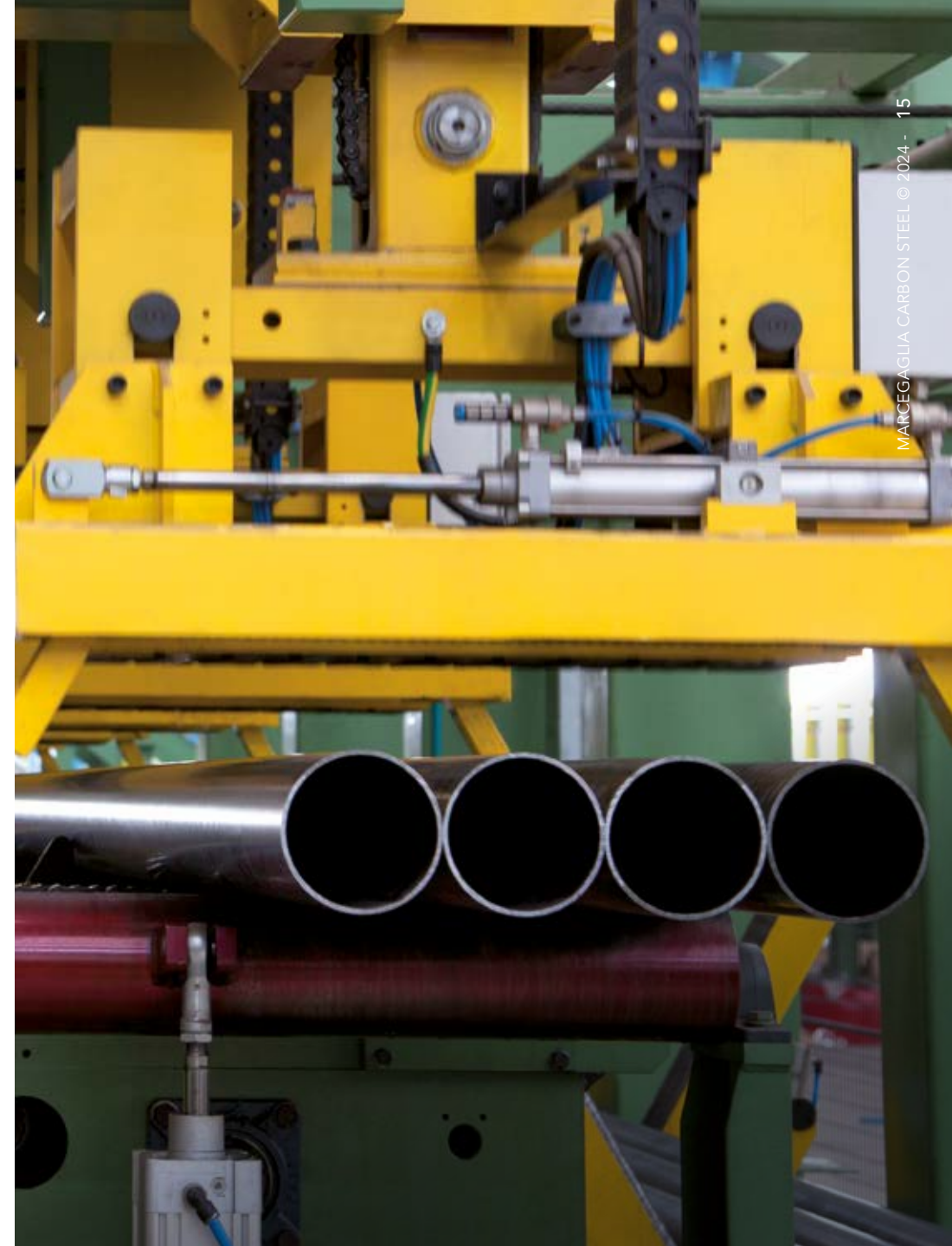


WELDED TUBES

AFTER FIRST TRANSFORMATION,
WITHIN ITS CONTROLLED VALUE CHAIN,
MARCEGAGLIA CARBON STEEL
DEVELOPS THE WORLD'S WIDEST RANGE
OF CARBON STEEL WELDED TUBES,
THANKS TO 150 PROCESSING LINES.

.....
THICKNESS MIN. - MAX. (MM) 0.3 - 16
.....

.....
DIAMETER MIN. - MAX. (MM) 8 - 406.4
.....



MANUFACTURING PLANTS

ITALY



GAZOLDO DEGLI IPPOLITI
HEADQUARTERS

Welded tubes
thickness (mm) 0.50 - 6 (5.6)
diameter (mm) 8 - 127



DUSINO SAN MICHELE

Welded tubes
thickness (mm) 1.50 - 7
diameter (mm) 25 - 168



LOMAGNA

Welded tubes
thickness (mm) 0.70 - 3
diameter (mm) 10 - 90



CASALMAGGIORE

Welded tubes
thickness (mm) 1.35 - 16
diameter (mm) 16.75 - 406.4

MANUFACTURING PLANTS

OTHER COUNTRIES



DUDLEY, UK

Welded tubes

thickness (mm) 0.70 - 5
diameter (mm) 10 - 90



OLDBURY, UK

Welded tubes

thickness (mm) 0.70 - 5
diameter (mm) 10 - 90



GARUVA, BRAZIL

Welded tubes

thickness (mm) 0.60 - 8
diameter (mm) 12.70 - 171.45



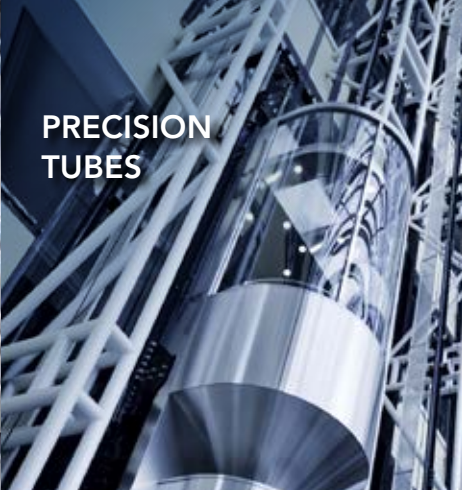
KLUCZBORK, POLAND

Welded tubes

thickness (mm) 0.80 - 8
diameter (mm) 12 - 168.3



**STRUCTURAL
TUBES**

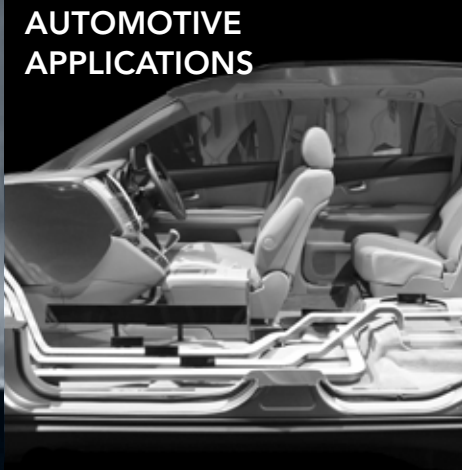


**PRECISION
TUBES**



**TUBES FOR
GREENHOUSES**

**TUBES FOR WINDOWS
AND DOOR FRAMES**



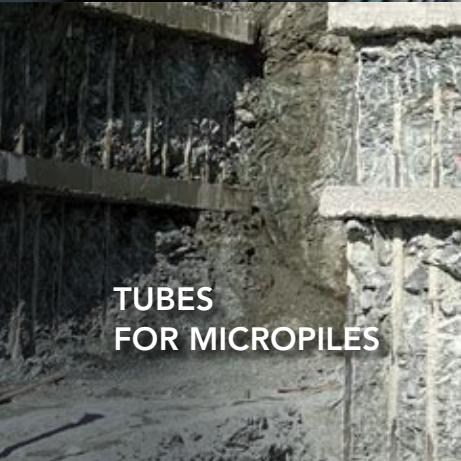
**AUTOMOTIVE
APPLICATIONS**



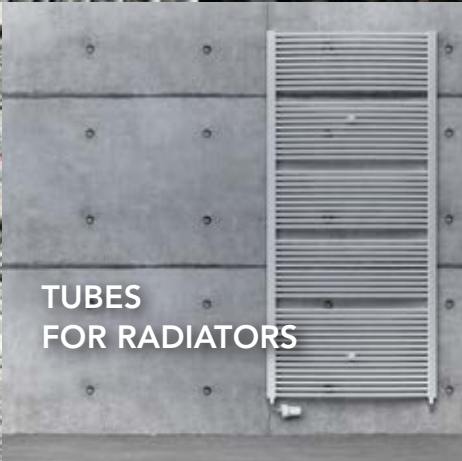
**COMBUSTIBLE FLUIDS
CONVEYANCE OF WATER
WELDING AND THREADING**



**OIL COUNTRY
TUBULAR GOODS**



**TUBES
FOR MICROPILES**



**TUBES
FOR RADIATORS**



WINDING CORE TUBES



**TUBES FOR
PRESSURE PURPOSES**

TYPICAL APPLICATIONS

THE PRODUCTION PROGRAM OF MARCEGAGLIA CARBON STEEL TUBES FROM HOT ROLLED STRIP COVERS A WIDE RANGE OF APPLICATIONS, GUARANTEEING SPECIFIC SUITABILITY FOR SUBSEQUENT PROCESSING.

MANUFACTURING STANDARDS

EN 10305-3 ROUND AND SHAPED PRECISION TUBES

EN 10305-5 SQUARE AND RECTANGULAR
PRECISION TUBES

EN 10219-1 COLD FORMED WELDED
STRUCTURAL TUBES (CE HOMOLOGATION)

EN 10210-1 STRUCTURAL HOLLOW SECTIONS,
HOT FINISHED OR COLD FORMED
AND HEAT TREATED (CE HOMOLOGATION)

EN 10217-1 TUBES FOR PRESSURE PURPOSES,
FOR USE AT ROOM TEMPERATURE

EN 10217-2 TUBES FOR PRESSURE PURPOSES,
FOR USE AT HIGH TEMPERATURES

EN 10208-1 STEEL PIPES FOR PIPELINES
FOR COMBUSTIBLE FLUIDS

EN 10224 TUBES FOR THE CONVEYANCE OF WATER
AND OTHER AQUEOUS LIQUIDS

EN 10255 TUBES SUITABLE FOR WELDING
AND THREADING

EN 10296 TUBES FOR MECHANICAL
AND GENERAL ENGINEERING PURPOSES

MANUFACTURING STANDARDS

ASTM A53 A53M BLACK AND ZINC-COATED, WELDED AND SEAMLESS TUBES FOR STRUCTURAL STEEL OR FOR LOW-PRESSURE PLUMBING

ASTM A178 A178M ELECTRIC-RESISTANCE-WELDED CARBON STEEL TUBES AND CARBON-MANGANESE STEEL BOILER AND SUPERHEATER TUBES

ASTM A500 COLD-FORMED WELDED AND SEAMLESS CARBON STEEL STRUCTURAL TUBING IN ROUNDS AND SHAPES

API 5CT STEEL PIPES FOR USE AS CASING OR TUBING FOR WELLS - OCTG CASING AND TUBING

API 5L WELDED STEEL PIPES FOR USE IN PIPELINES TRANSPORTATION SYSTEMS IN PETROLEUM AND NATURAL GAS INDUSTRIES

CERTIFICATION

QUALITY MANAGEMENT SYSTEM:

- **ISO 9001:2015** (Quality System)
- **ISO 14001:2015** (Environmental System)
- **BS OHSAS 18001:2007** (Health and Safety System)
- **ISO 50001:2011** (Energy System)

OTHER CERTIFICATIONS:

- **IATF 16949:2016** (automotive industry)
- **ISO/TS 29001:2011**
(petroleum, petrochemical and natural gas industries)
- **CE marking for structural tubes**
European Directive - Regulation N. 305/2011/EU
(EN 10219-1, EN 10210-1)
- **AD 2000 - W0 or tubes for pressure purposes**
according to Directive 2014/68/UE with TÜV Rheinland
(EN 10217-1/2)
- **API-5CT Certification** (tubes for the oil sector)
GROUP 1 H40/PSL1 and J55/PSL1
- **API-5L Certification** (tubes for the oil sector)
X52-PSL1
- **RINA** approval for tubes for naval applications
(EN 10219-1, EN 10210-1)

MARCEGAGLIA CARBON STEEL GROWTH PATH

GOAL AND GROWTH METHODS

THE MARCEGAGLIA GROUP'S STRATEGIC GOAL FOR THE CARBON STEEL WELDED TUBE BUSINESS IS TO ACHIEVE A STEADY GROWTH IN MARKET SHARE WITHIN THE EUROPEAN SCENARIO.

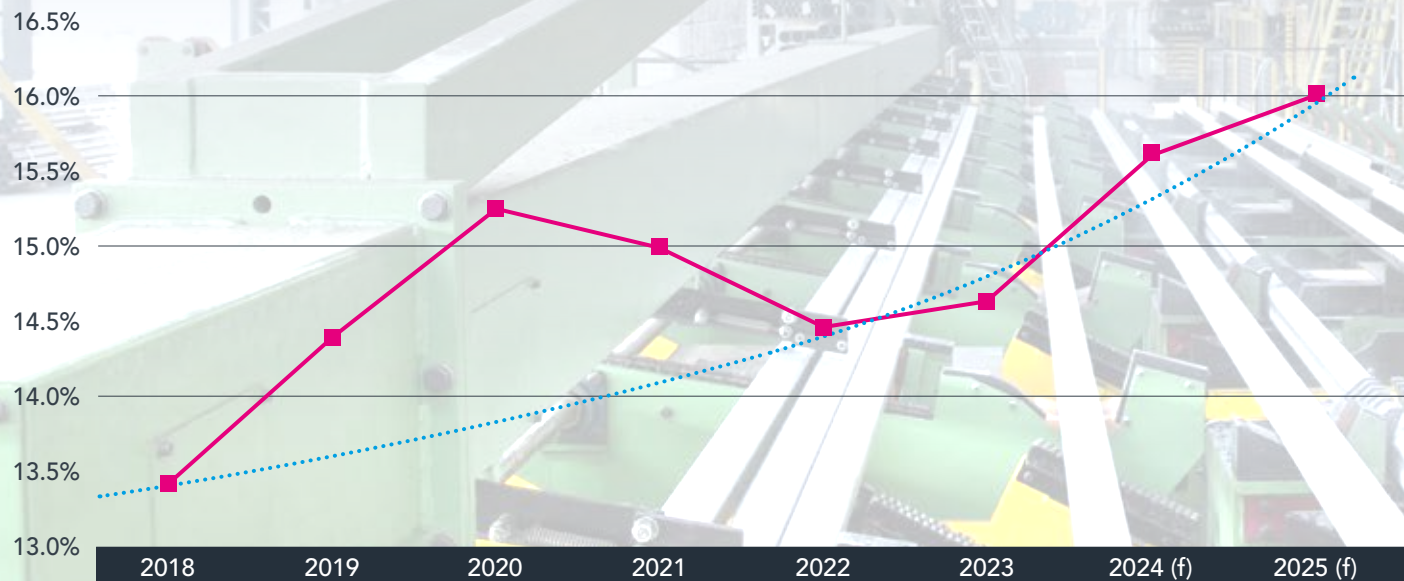
THIS IS MADE POSSIBLE THROUGH:

- STRONG SUPPLY AND PRODUCTION BASES
- INVESTMENTS IN ITS PLANTS
- ACQUISITIONS OF NEW PRODUCTION SITES
- STRONG FOCUS ON ENVIRONMENTAL, SOCIAL AND GOVERNANCE SUSTAINABILITY



MARCEGAGLIA'S GROWTH IN CARBON STEEL WELDED TUBES

MARCEGAGLIA CARBON STEEL WELDED TUBES MARKET SHARE IN EU 27



In the next two years, Marcegaglia aims to gain more than **two percentage points** over 2018 in the European carbon steel welded tubes market, despite the volatility that has characterized the past few years.

PILLARS OF GROWTH



RAW MATERIAL

Over 450,000 tons of coils
(in addition to the average 500,000
tons on order to suppliers)
for welded tube production



PRODUCTION LINES

A total of 74 ERW welded tubes
production lines
in the 7 European plants



WORK-IN-PROGRESS

130,000 tons of semi-products
always in-line to ensure production
continuity



FINISHED PRODUCTS IN STOCK

100,000 tons of welded tubes
permanently available for sale

INVESTMENTS

GAZOLDO DEGLI IPPOLITI

MARCH 2023

**CUT-TO-LENGTH
LINES**

JUNE 2023

**BLACK ROUND TUBES
RS115**

OCTOBER 2023

**BLACK ROUND TUBES
RS220**

DECEMBER 2023

**AUTOMATED
WAREHOUSE**

FEBRUARY 2024

**PRECISION TUBES
RS38**

**PRECISION TUBES
RS89**

**55 MILLION EURO
INVESTMENT:**

2 CUT-TO-LENGTH LINES

4 NEW TUBE MILLS

AUTOMATED WAREHOUSE

INVESTMENTS

GAZOLDO DEGLI IPPOLITI

MARCH 2023

CUT-TO-LENGTH LINES

Salico line: width up to 1,560 mm

Thickness: from 0.30 to 6.00 mm

Red Bud Industries 2009 line: width up to 1,560 mm

Thickness: from 1.30 to 8.00 mm

JUNE 2023

BLACK ROUND TUBES - RS115

Ø: up to 115 mm - Thickness: 1.00 to 8.00 mm

Annealing on the weld area,

SAET EMMEDI 2011

(feasible with diameters of 60 mm)

Defectomat, Foerster

Hydraulic test: between $90 \text{ bar} \leq x \leq 110 \text{ bar}$

OCTOBER 2023

BLACK ROUND TUBES - RS220

Ø: up to 220 mm - Thickness: 2.50 to 10.00 mm

Maximum tube length: 16.5 m

Annealing on the welding area, AEG Elotherm

Defectomat, Foerster

Hydraulic testing max. 280 bar

Ultrasonic testing, Krautkramer

Straightening on cutter

DECEMBER 2023

AUTOMATED WAREHOUSE

Dedicated to the RS115 and RS220 tube rolling mills.

The new generation system, built by Matter Company, has the following features:

- Total surface: 10,000 m²
- Total area: 100,000 m³
- Total storage capacity: 7,540 tube bundles

FEBRUARY 2024

PRECISION TUBES - RS38

Ø: 12 to 38 mm - Thickness: 0.50 to 3 mm

(cutting length tolerance $\pm 1 \text{ mm}$)

Straightness: 1 mm/m

PRECISION TUBES - RS89

Ø: 50 to 89 mm - Thickness: 1.5 to 4.00 mm

(cutting length tolerance $\pm 1.5 \text{ mm}$)

Straightness: 1 mm/m



INVESTMENTS

OLDBURY (UK)

THE OLDBURY PLANT, LOCATED JUST A 10-MINUTE DRIVE FROM MARCEGAGLIA UK'S HEADQUARTERS IN DUDLEY, COVERS AN AREA OF 75,000 SQ. M.

MAY 2021

PROPERTY ACQUISITION

MAY 2022

ASSET ACQUISITION AND TUPE

2023

ADDITION OF 2 CARBON STEEL TUBE MILLS AND 2 CUT-TO-LENGTH LINES

2024

ADDITION OF 3 STAINLESS STEEL TUBE MILLS

PRODUCT RANGE HAS BEEN EXTENDED TO 120x120x8 MM

SUSTAINABILITY

MARCEGAGLIA'S COMMITMENT

FOR THE MARCEGAGLIA GROUP, SUSTAINABILITY IS NOT JUST AN OPPORTUNITY, BUT A CONCRETE COMMITMENT TO MEET THE CHALLENGES OF A WORLD THAT IS INCREASINGLY FOCUSED ON IMPACTS ON THE ENVIRONMENT AND PEOPLE, IN ORDER TO PROVIDE THEM WITH A BETTER FUTURE.

MARCEGAGLIA'S STRATEGIC VISION IS BASED ON A ROADMAP AIMED AT IMPROVING ESG (ENVIRONMENT, SOCIAL, GOVERNANCE) PERFORMANCES.

SUSTAINABILITY ACTIONS

CO₂ REDUCTION PROGRAM (BY 2030)

1. ENERGY SAVING AND PROCESS INNOVATION

Energy efficiency projects

Electrification of thermal facilities

2. RENEWABLE ELECTRICITY

Green energy production and supply

3. ALTERNATIVE ENERGY SOURCES

Feasibility study of using green hydrogen in static annealing/hot dip galvanizing

4. SUPPLY OF RAW MATERIALS

H2 Green Steel (H2GS): an innovative steel mill that will produce green steel

Incentive to purchase from virtuous suppliers

Off-take agreements beyond H2GS

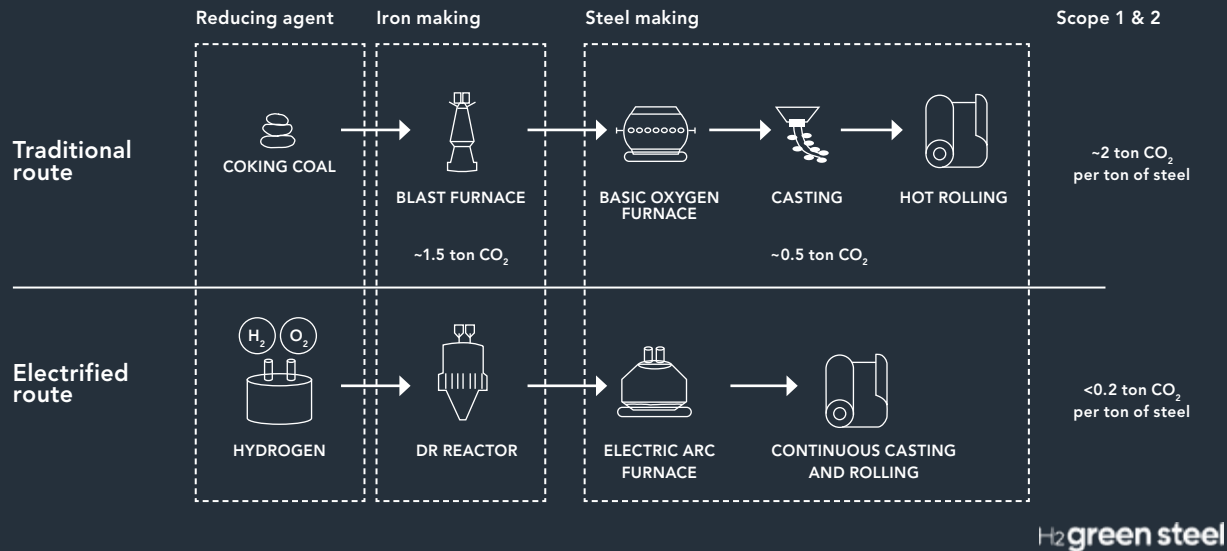
5. CO₂ EMISSION CAPTURE

Carbon capture and storage (CCS) project in the Ravenna hub

SUSTAINABILITY ACTIONS

H2 GREEN STEEL

A FULLY ELECTRIFIED PRODUCTION PROCESS TO REMOVE EMISSIONS



Marcegaglia is participating in H2 Green Steel (H2GS), the innovative steel mill that will produce green steel through the use of hydrogen from renewable energy sources.

SUPPLY CONTRACT: off take - 7 years
START OF PRODUCTION: by 2026
ASSIGNED QUANTITY: 250,000 t/y
MAXIMUM QUANTITY: 275,000 t/y

THANKS TO A CO₂ PRODUCTION OF 0.2 TONS FOR EVERY TON OF STEEL PRODUCED, H2 GREEN STEEL WILL ENSURE A CARBON EMISSION OF ONE-TENTH OF THAT CURRENTLY GENERATED BY TRADITIONAL STEEL PRODUCTION CYCLES.

YOUR PARTNER
FOR A WIDE
AND SUSTAINABLE RANGE
OF WELDED TUBES



www.marcegaglia.com