



VIOHALCO

Corporate Presentation



Viohalco at a glance

Diversified metals processing leader providing a **wide range of products and solutions** tailored to **international customers' needs**.



Listed holding company
of leading metal
processing companies
across Europe



7 business
segments



Serving
21 markets



Sales across the globe



Investments 2020
EUR 283 million



Focused on
technology
and innovation



80+ years
history



Revenue 2020
EUR 3.9 billion



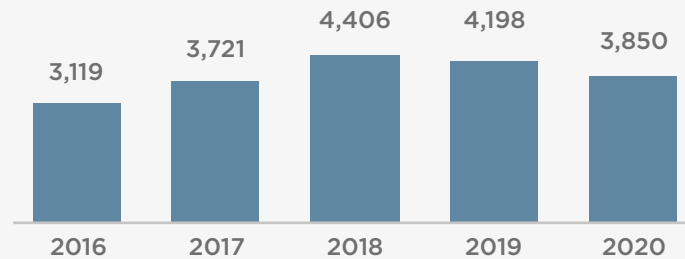
a-EBITDA 2020
EUR 295 million



EBT 2020
EUR 59.5 million

Sales revenue

in EUR million



Aligned with European Green Deal principles
through low carbon operations and circular
products



Product line supporting the transition to a
climate neutral economy



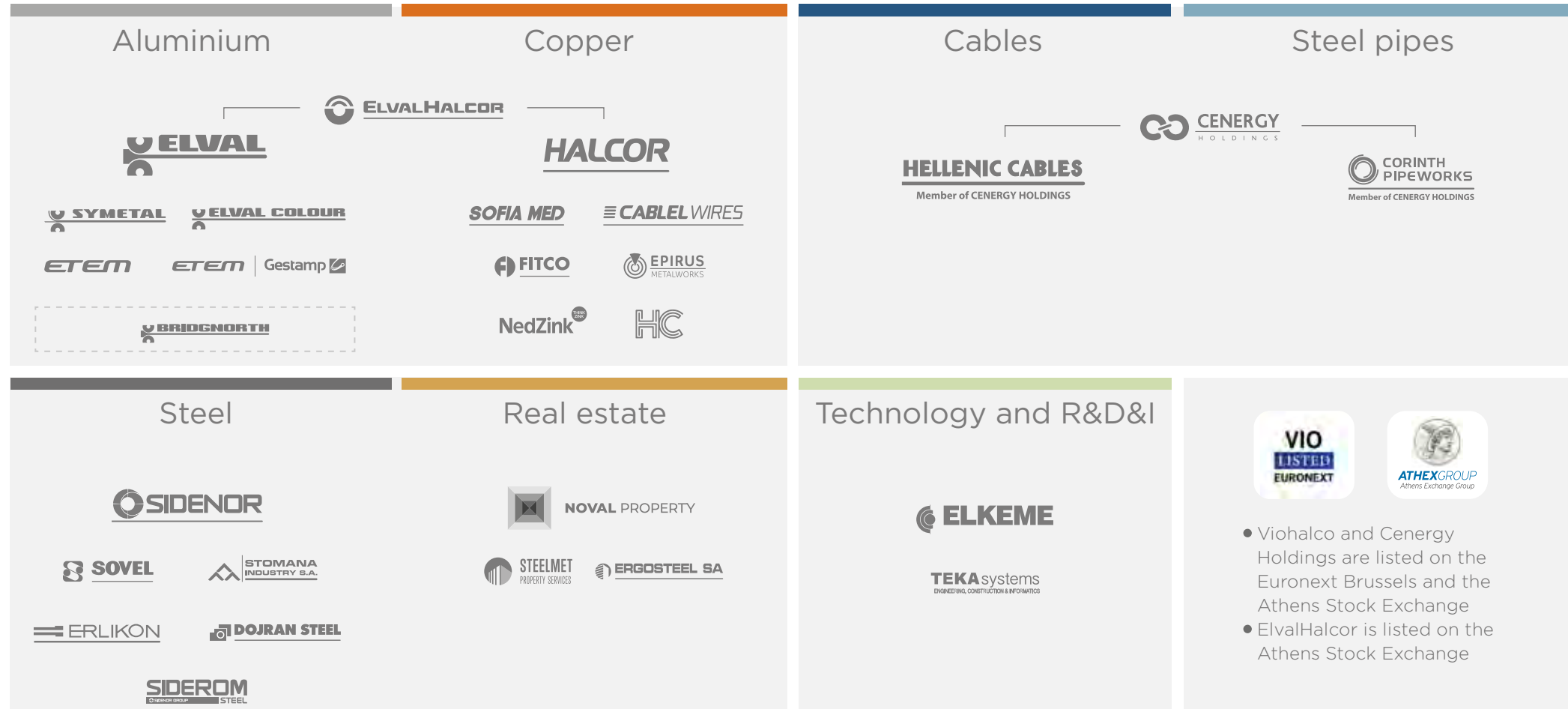
Strong environmentally focused investment
programme with annual expenditures in
excess of EUR 26 million

Highly skilled personnel with industrial
experience in secondary metals production



Segments

Operating through distinct business segments, Viohalco companies provide **quality, innovative products and services** to a **diverse range** of industries.

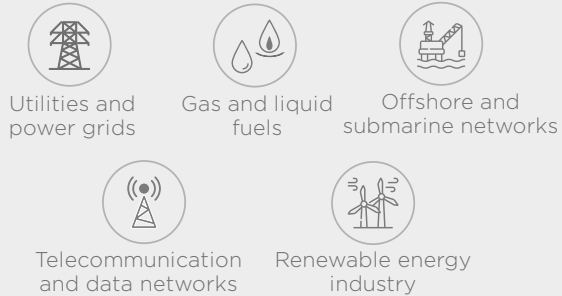




Markets

Diversified portfolio of businesses serving dynamic markets, such as building and construction, beverages and food packaging, sea, road and rail transportation, automotive, telecommunications, oil and gas, transportation, marine, automotive, heating and air conditioning, renewable energy, water supply and lithography.

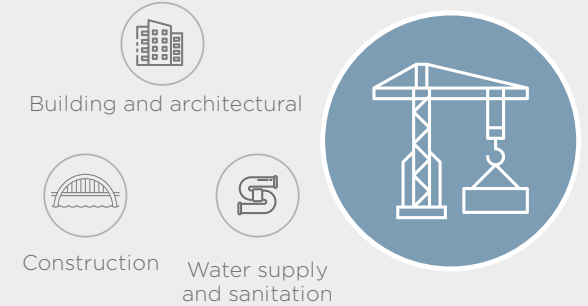
Energy and power networks



Packaging



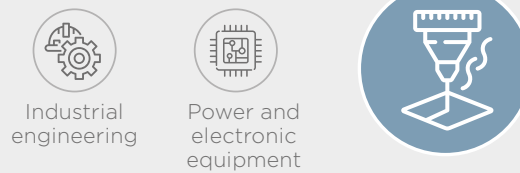
Building and construction



Transportation



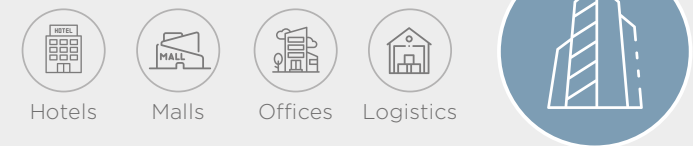
Industrial applications



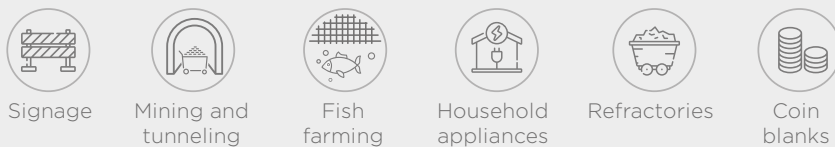
HVAC&R



Real estate



Other markets



Technology and R&D&I



Printing



Resource recovery





Matching the Megatrends

Across all segments, the Viohalco companies offer products and services that closely align with current global sustainability megatrends

Megatrends

Clean, circular economy



Low carbon and recyclable products

Products with high recycled content

Sustainable packaging

Toxic free materials

Plastic replacement

Transition to climate neutrality



Electrification

CCS

Green hydrogen

Power storage

(RES) growth

E-mobility

Replacement of solid carbon fuels by natural gas as transition fuel

Interconnected power grid

Urbanization



Sustainable buildings

Smart housing

Energy efficiency in buildings

Reduction in plastic pollution

Cleaner and healthier forms of private and public transport

Technological advancements



Digitalization

Industry 4.0

Smart grid

Operational excellence

Segments' offerings

Aluminium

- Strong momentum for sustainable packaging
- Consistent positive growth in global construction utilizing circular materials
- Increased use of aluminium in mobility
- Lightweighting solutions

Copper

- Circular products utilizing secondary copper
- Product line used in RES
- Decarbonisation of heating in buildings
- Increased needs for energy efficient HVAC&R units
- Green refrigeration applications

Cables

- Increased use of underground cables
- Digitalization
- Decarbonization of transportation
- Product line enabling expansion of RES and electrification

Steel pipes

- Business activity towards energy transition pillars
- Hydrogen transportation and CCS technology

Steel

- Production of highly circular, low carbon products

Real estate

- Green buildings
- Data centres
- Open air developments
- Logistics



Production Base / Main Plants and Ports

Aluminium



Oinofyta - Greece



Oinofyta - Greece



Mandra - Greece



St. Thomas - Greece



Bridgnorth - UK



Sofia - Bulgaria



Magoula - Greece

Copper



Oinofyta - Greece



Oinofyta - Greece



Sofia - Bulgaria



Livadeia - Greece



Oinofyta - Greece



Ioannina - Greece



Budel - Dorplein
The Netherlands

Cables



Corinth - Greece



Thiva - Greece



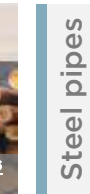
Oinofyta - Greece



Bucharest - Romania



Blagoevgrad - Bulgaria



Corinth - Greece



Thisvi - Greece

Steel



Thessaloniki - Greece



Almyros - Greece



Pernik - Bulgaria



Nikolic - N.Macedonia



Corinth - Greece



Thisvi - Greece



Almyros - Greece



West port - Bulgaria



Aluminium



ELVALHALCOR



ELVAL



SYMETAL



ELVAL COLOUR



BRIDGNORTH

ETEM

Gestamp 

ETEM



Aluminium at a glance

The aluminium segment companies manufacture a variety of aluminium rolling and extrusion products for a wide range of markets and applications.



State of the art manufacturing plants



Leading position in Europe in aluminium products



10 manufacturing plants across 3 countries



Sales in more than 100 countries



Technologically advanced and innovative custom-made solutions



More than 50 years' experience



Revenue 2020
EUR 1,17 billion



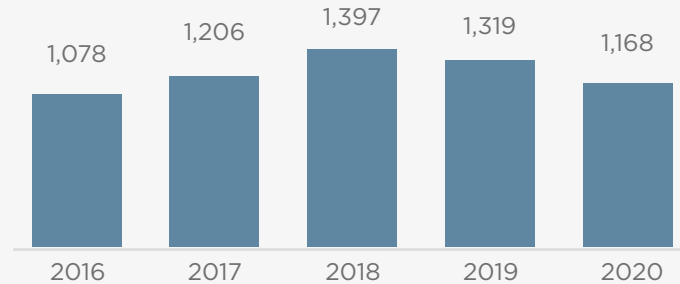
a-EBITDA 2020
EUR 95 million



Investments 2020
EUR 105 million

Sales revenue

in EUR million



Aluminium Stewardship Initiative (ASI) Performance Standard certification already achieved for ElvalHalcor's aluminium rolling division and Bridgnorth Aluminium.



Strong commitment of ElvalHalcor's aluminium segment to more than double the utilization of secondary raw materials from 13% in 2019 to over 26% by 2025 contributing significantly to a low carbon, circular economy



Aluminium aligning with Megatrends

Megatrends

Clean, circular economy



Low carbon and recyclable products

Plastic replacement

Transition to climate neutrality



Electrification

Power storage

E-mobility

Urbanization



Sustainable buildings

Energy efficiency in buildings

Smart buildings

Technological advancements



Digitalization

Industry 4.0

Aluminium segment's products and solutions facilitating the shift



- Sheets and coils for beverage cans, food containers, closure caps and aerosol valves.



- Foil for food pouches and pharmaceutical blister packs.



- End of life recycling, mainly for the packaging, building and transportation sector



- Sheet, plates, coils and profiles for marine applications and road, rail transportation vehicles



- Sheets and coils for automotive applications, heat exchangers, foil for rechargeable batteries



- Sheets and coils for bus ducts, telecommunication cabins, energy and power networks



- Tread plates and wide sheets for windmill platforms and nacelles



- Anodized or coated profiles for bicycle rims



- Mill finish or coated sheets and profiles for building & construction applications



- Coils for multilayer tubes for water supply and sanitary systems and extruded profiles for heat sinks



- Brazing strips for residential heat exchangers



- Sheets, coils and profiles for solar panels and photovoltaic applications



- Big data, data mining and cloud computing



- Machine learning and predictive analytics



- System Integration and optimization tools - Smart Factory



Aluminium / Main plants



Flat rolled aluminium products and solutions for the packaging, building and construction, sea, road and rail transportation, energy, industrial, cookware and HVAC&R market



Capacity:
360,000Tn/year



Location:
Oinofyta - Greece

A complete range of products and solutions in coated aluminium for building envelope: etalbond® Aluminium Composite Panel and Elval ENFTM for façades, Ydoral® strips for rain gutters, orofe® coils for roofing applications, agraphon® and arypon® and cool coatings functional coating systems, coated aluminium strips for flashings and rolling shutters



Location:
St. Thomas - Greece



Plain aluminium foil in a wide range of gauges and alloys for various usages such as flexible and pharmaceutical packaging, food containers, household foil, batteries and various technical applications



Capacity:
52,000Tn/year



Location:
Oinofyta - Greece

Surface-critical rolled aluminium products, litho coils for offset printing, foilstock, packaging feedstock, aluminium products for transformer windings, cable wrap and for automotive



Capacity:
115,000Tn/year



Location:
Bridgnorth - UK



Conversion of aluminium foil into a number of packaging applications: aluminium foil coated and / or laminated with paper for products used in food, pharmaceutical and cigarette industries



Capacity:
26,000Tn/year



Location:
Mandra - Greece

Extrusions of a wide range of aluminium profiles for automotive and industrial market. The plant is certified from biggest automotive OEMs



Capacity:
30,000Tn/year



Location:
Sofia - Bulgaria



Manufactures aluminium extruded profiles for the building and construction, transportation, shipbuilding, electronic and photovoltaic industries



Capacity:
11,000Tn/year



Location:
Magoula - Greece





Aluminium / Markets and Products

Energy and power networks

- Aluminium coils for the production of bus-ducts in power plants and for LNG storage tanks, wide tread plates for windmills, profiles for photovoltaic applications, electrical strips for transformer windings



Packaging

- Sheets and coils for beverage and food cans, closures and aerosol valves, flexible packaging for food, pharmaceutical and household applications



Building and construction

- Coated aluminium products used in the building envelope, aluminium architectural building systems



Transportation

- Aluminium shales and plates for marine applications, trucks, trains, buses, and commercial vehicles' components, brazing products for automotive heat exchangers, extruded profiles for crash management systems, chassis, suspension systems, doors



Industrial

- Aluminium flat rolled products for engineering applications



HVAC&R

- Aluminium brazing strips and foils for heat exchangers



Other markets

- Aluminium circles and shapes for household appliances and cookware
- Composite panels, profiles and prepainted coils for signage



Printing

- Litho coils for the offset printing industry including computer - to plate - applications





Aluminium / Company

Flat rolled aluminium solutions, as individual as your needs

Rolling expertise



Elval is the **aluminium rolling division** of ElvalHalcor. It manufactures and markets flat rolled aluminium solutions for a number of diverse applications.

Through continuous investments in R&D&I and with in-house Technology Centre, Elval emphasizes on advanced metallurgy and rolling innovations to introduce tailor-made, aluminium breakthroughs of long-term value.

Elval operates according to the principles of sustainable development, employee health & safety and environmental protection while maximizes the contribution of aluminium to a circular economy and sustainable society.

Elval's aluminium rolling production unit is certified as per ISO 9001:2015, IATF 16949:2016, ISO 14001:2015, ISO 45001:2018 and ISO 50001:2018.

Elval has achieved ASI Performance Certification demonstrating its commitment to environmental, social and governance performance.



www.elval.com

info@elval.com

MEMBER of:



Sales in more than 60 countries



Established in 1973



Reliable and dynamic aluminium solutions' provider



State-of-the-art facilities



Aluminium Aesthetics Durability & Application for Building Envelope

Vertically integrated
aluminium composite panel producer



Elval Colour is a leading European **coated aluminium and composite panel manufacturer**, that produces and sells a full range of building envelope products of superior quality using the latest technology.

With 40 years' experience in coating and colour matching, Elval Colour is a reliable partner that offers added value services to customers by assisting in product specification and selection to best suit the needs of specific projects/ applications. A customer-centric approach accompanies production and product delivery and continuous R&D facilitates the steady improvement of technology, quality and environmental standards.

Elval Colour's plant is certified as per ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018.

Application	Product Brand
Façade	etalbond® composite panels etalbond®FR etalbond®A2 Elval ENF™
Corporate ID & Signage	etalbond® d3, etalbond® d2, etalbond® d1: light weight composite panels
Rain Gutters	Ydoral®
Roofing	orofe®
Coating Systems	agraphon®, atrypon®

📍 www.elval-colour.com

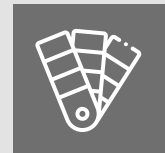
✉ ecs@elval-colour.com



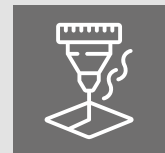
Sales
in more than
70 countries



Established
in 1977



Experience
in coating
and colour
matching



Coating systems
made to suit
any project
requirement



Aluminium / Company

**2 dedicated
finishing lines
for litho coils
applications**



Bridgnorth Aluminium is a fully integrated **producer of flat rolled aluminium coils** with all stages of production contained on one site, **the only facility of its kind in the UK.**

The Company's expertise spans the whole supply chain from casting of rolling ingot, to the hot and cold rolling processes, heat treatment, slitting, levelling and degreasing. Bridgnorth Aluminium's focus is on surface critical and soft alloy applications.

Through its own R&D laboratory and aluminium, segment laboratories in Greece, and with our JV partner UACJ, Bridgnorth Aluminium invests in product and process improvements.

The Company's production plant is certified as per ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018. Bridgnorth Aluminium has achieved ASI Performance Standard Certification demonstrating its commitment to environmental, social and governance performance.



📍 www.bridgnorthaluminium.co.uk
✉ sales@bridgnorthaluminium.co.uk



Major international supply chains to blue chip end users



Established in 1957



90% exports



Tailor-made, innovative and sustainable aluminium foil solutions

Flexible packaging for food,
pharma and tobacco
Semi-rigid food containers
Cable wraps
Tea lights
Heat exchange equipment
Technical applications
Household use
Hair care
Li-ion batteries



With more than 40 years' experience in aluminium foil rolling and processing, Symetal offers **tailor-made, innovative and sustainable foil solutions**.


Since it was founded in 1977, Symetal has been involved in the production of aluminium foil products, mainly used in packaging solutions for the food, pharmaceutical and tobacco industries. The Company is highly export-oriented, with 90% of its sales carried out in around 70 countries across the globe.

Symetal owns three state-of-the-art production facilities standing out for their vertical integration and flexibility, which enable the Company to provide its customers with tailor-made and innovative solutions. Following the installation of an ultramodern three station lacquering machine, the Mandra-based plant is recognised as one of the most state-of-the-art plants worldwide.

Being a strategic partner to the largest consumer, food and pharmaceutical packaging manufacturers, Symetal leverages on its technical expertise and implements a continuous improvement and development approach, following a business model that is based on sustainability and green economy principles.

Symetal is certified as per ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, IATF 16949:2016 and ISO 50001:2018. The Mandra-based plant is further certified as per ISO 15378:2017, ISO 22000:2018, FSSC 22000 (v.5) and FSC® Chain of Custody. Moreover, the Company is registered under the European Commission eco-management and audit scheme (EMAS) for environmental management.

 www.symetal.gr

 info@symetal.vionet.gr



Sedex | Member

MEMBER of:



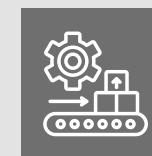
Sales in around
70 countries



Established in
1977



40+ years'
experience
aluminium foil
rolling and
processing



Vertically
integrated
operation



Tailor-made
packaging
solutions



Aluminium / Company

**20 years presence Automotive
with high tech aluminium
extruded products**

Aluminium extruded
products for
diverse industrial
applications



Dedicated to quality and precision the company has **over two decades experience in the Automotive sector supplying furnishing aluminium extruded products for numerous applications**, like Chassis, Body In White (BiW), Crash Management Systems (CMS) and parts of electric vehicles.

Investing in human capital, technological know-how and latest equipment, the company can deliver a wide range of added value products and services to the automotive industry, offering high precision machining processes for semi-finished up to ready for use aluminium parts according to customer needs like The company is certified for production of Crash relevant Aluminium profiles with main applications in Crash Management Systems and Battery trays and an accredited TIER 1 and TIER 2 supplier making products for automotive industries and original equipment manufacturers (OEM), with a customer and project portfolio of Audi, BMW, Daimler, Lamborghini, Jaguar Land Rover, Porsche and Rolls Royce.

In January 2019, Etem Bulgaria entered into an Investment Agreement with Gestamp, a leading global Group specialized in the design, development and manufacture of metal components and structural systems for the automotive industry.

As part of the Agreement, two joint ventures were established which focus on the extrusion and processing of aluminium profiles for the automotive industry. This Agreement further strengthens Etem Bulgaria's position in the automotive sector and helps to ensure it can successfully meet the increased demand for aluminium products.

Etem Gestamp's plant is certified for the production of crash relevant aluminium profiles and also as per IATF 16949:2016, ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 and Qualicoat.

✉ www.etemgestamp.com
✉ info@etemgestamp.com



Presence
in more than
40 countries



Established in
1971



Automotive
industry
crash relevant
systems



Aluminium / Company

Architectural aluminium systems for sustainable and energy efficient building envelope

Aluminium extruded products for diverse Architectural & industrial applications



Etem is **one of the leading European companies** for production of Aluminium profiles for Architectural systems and different industrial applications with worldwide exports and presence.

Established in Greece in 1971 the company is committed to serving its customers with value-added products and services.

With competent structure and highly skilled people, the company meets the strategic goals to understand and cover the needs of each market, thus efficiently assisting its customers to achieve their business goals.

Etem offers numerous services to the customers from training and technical assistance to individual constructors and installers of façades, window and door systems, to complete project support throughout the various stages of a project.

Etem's main goal is to design and engineer architectural systems that helps us improve our everyday living, whether in a residential, commercial or work environment.

The Company remains loyal to its customer and keeps its promises for continuous innovation, bespoke solutions, integrated assistance throughout a project, and strategic business thinking, ensuring the customers commercial success.

Etem's plant is certified as per ISO 9001:2015 and OHSAS 18001:2007.

✈ www.etem.com

✉ info@etem.com

MEMBER of:



Presence in more than 57 countries



Established in 1971



7 logistic centers in 5 countries



Focus on...

The successful installation of a **brand new four-stand tandem aluminium hot finishing mill** at Elval



New
milestone
investment

The mill was commissioned by **SMS Group GmbH**



Part of a **EUR 150 million investment** in equipment, technology and infrastructure.



The mill enhances the plant's energy efficiency, **reducing specific energy consumption and total carbon footprint.**



The mill paves the way for market entry into more demanding and competitive markets, such as **the automotive and aerospace industries.**



Elval's **production capacity has increased by 20%** (from 300KT to 360KT annually).



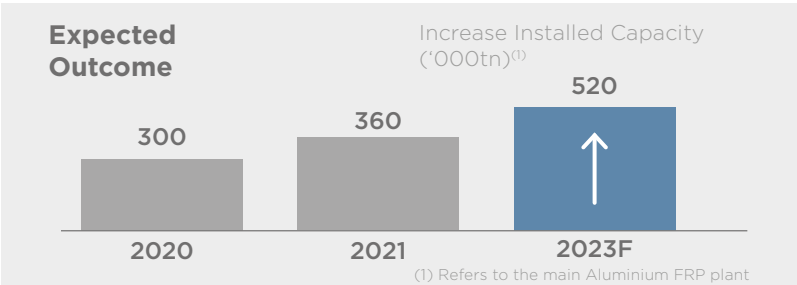
It optimizes **the metallurgical process and the end-product quality.**



The spectrum of hot rolled strips ranges **from 1.8 mm to 12.7 mm in thickness** and **up to 2.6 m in width.**



Elval has established its position as the **second largest flat rolled products facility in Europe**, in hot rolling production capacity.





Copper



ELVALHALCOR

HALCOR



CABLEL WIRES

SOFIA MED



FITCO



**EPIRUS
METALWORKS**

HC



Copper at a glance

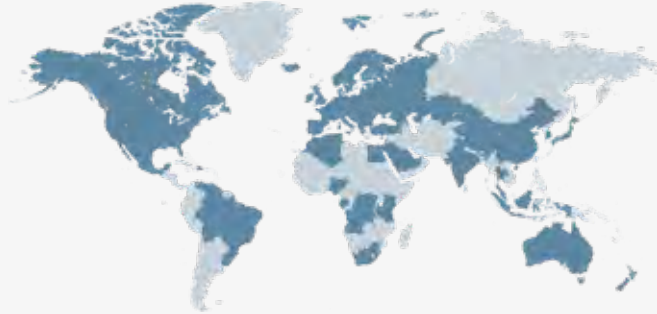
The copper segment companies manufacture a variety of copper and copper alloy products for a wide range of markets and applications.



No.1
Copper tubes
producer in
Europe



8 manufacturing
plants across
4 countries



Sales in more than 60 countries



Technologically
advanced and
innovative
custom-made
solutions



More than
80 years'
experience



State-of-the-art
facilities



Revenue 2020
EUR 1.1 billion



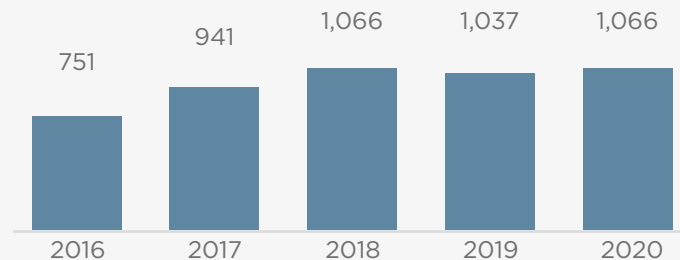
a-EBITDA 2020
EUR 52 million



Investments 2020
EUR 20 million

Sales revenue

in EUR million



Strong contribution to low carbon, circular economy by ElvalHalcor's copper segment with a 45% share of secondary raw materials



One of its strategic goals is to create safer working environment through third party audits by health and safety industry leaders



Copper aligning with megatrends

Megatrends

Clean, circular economy



Low carbon and recyclable products

Plastic replacement

Transition to climate neutrality



Electrification

(RES) growth

Replacement of solid carbon fuels by natural gas as transition fuel

Urbanization



Green buildings

Reduction of plastic pollution

Energy efficiency in buildings

Technological advancements



Digitalization

Operational excellence

Copper segment's products and solutions facilitating the shift



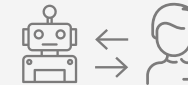
- Circular production model
- High recycled content in raw materials
- Strong improvement in operation of carbon footprint
- Low lead and lead-free copper alloy product portfolio
- Fish farming - recyclable copper alloy nets



- Copper and special alloys strips for automotive and e-mobility
- Tubes for heat pumps and other energy efficiency HVAC&R systems
- Tubes for green refrigeration
- Strips for transformer units
- Copper bus bars for wind generators
- Electroplated bus bars for RES electrical components
- Hot Dip Tinned strips for connectors used in automotive and electrical applications
- Tubes for geothermal applications
- Insulated tubes for solar applications
- Tubes and strips for solar panels



- Strips and foil for cable screening and high frequency cables for smart cities.
- Pre-insulated copper tubes for reducing heat losses in water circulation networks
- Copper tubes for natural gas distribution networks



- Use of Live shop floor data - MES
- Advanced Planning System - APS
- Human - robotics collaboration and Automation projects



Copper / Main plants



Copper tubes plant
Copper tubes with or without plastic coating or industrial insulation.



Capacity:
80,000Tn/year



Location:
Oinofyta - Greece



Foundry
Copper billets and slabs.



Capacity:
235,000Tn/year



Location:
Oinofyta - Greece



Specialises in the production of rolled and extruded copper and copper alloy products.



Capacity:
140,000Tn/year



Location:
Sofia - Bulgaria



Copper and aluminium enamelled wires (round and rectangular).



Capacity:
12,500Tn/year
Enamelled wires



Location:
Livadeia - Greece

Copper alloy rods, tubes, sections and wires.
Specialises in the production of extruded copper alloy.



Capacity:
40,000Tn/year



Location:
Oinofyta - Greece

Specialises in the production of all types of coin blanks, as well as rings for bi-colour coins.



Capacity:
2,800Tn/year



Location:
Pogoni, Ioannina - Greece

Rolled titanium zinc products: Zinc facades and - roofs (e.g. standing seam), natural zinc, pre-weathered zinc (patinated) in coils, sheets, strips, gutters and accessories.



Capacity:
24,000Tn/year



Location:
Budel - Dorplein The Netherlands

Specialises in the production of pre-insulated copper tubes coils.



Capacity:
10 million meters/year
Ecutherm copper tubes



Location:
Gebze - Turkey





Copper / Markets and Products

HVAC&R market

- Copper tubes for heat exchangers, heat pumps, other industrial applications, copper strips for boilers and heat exchangers, brass strips for heat exchangers



Industrial applications

- Copper tubes for solar panel applications, powered vehicles, HVAC&R, heat exchangers
- Copper and brass sheets, strips and plates for electrical use, transformer strips and cable screening, brass products for further processing, brass rods, tubes, wires, sections and flats for springs, screws, rivets, various turned parts, hot-stamped parts and heat exchangers for corrosive environments, copper bus bars for switch gear applications
- High tensile brass rods for worm gears



Renewable energy

- Copper tubes for solar panel applications, solar system networks, geothermal heating and cooling
- Copper bus bars for the wind farms



Transportation

- Copper and copper special alloy strips for connectors and copper strips for transfer energy and signals inside the vehicle



Building and construction

- Copper tubes for plumbing, heating, ventilation, heating and air conditioning, medical gas distribution, as well as copper sheets and strips for roofing and accessories, brass products for internal architecture and decoration, brass bars, tubes and sections



Water supply and sanitation

- Copper tubes for water supply, heating, under-floor heating, cooling networks, natural gas installations, medical gas distribution networks.
- Brass rods for the manufacturing of fittings, brass tubes for bath accessories
- Low lead and lead-free copper alloy product portfolio for drinking water applications



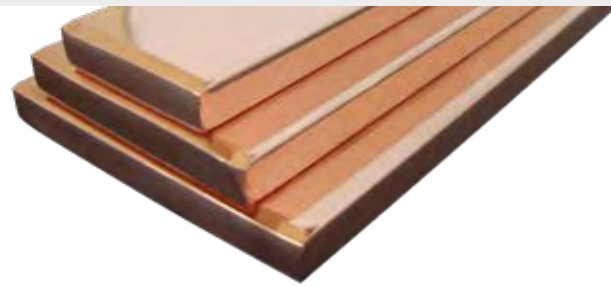
Other markets

- Alkaline battery market
- Writing instruments industry
- Wire electrode industry
- Watchmaking industry
- Fastener industry
- Bicycle components market



Fish farming

- UR30® copper alloy wire and net for aquaculture cages





Leading supplier of top European HVAC&R manufacturers Tubes with microgroove® technology

Tube heat transfer lab for inner
groove tubes tailor made solutions

HALCOR

HELLENIC COPPER INDUSTRY

Halcor is the **copper tubes division** of ElvalHalcor. It is a copper industry leader, specializing in the production, processing and marketing of copper and copper alloys products with a dynamic commercial presence in European and global markets.

For more than 80 years, Halcor has been offering innovative and high added-value solutions that meet wide-ranging customer demands in fields, such as plumbing, HVAC&R and other building applications, renewable energy and industrial applications.

High quality in production is achieved by applying strict controls throughout the production process. With a consistent focus on quality, Halcor's production plants implements an Certified Quality Management System and leverages high technologies and expert staff.

As a result of the Group's strategic investments in research and development, Halcor is recognized as one of the leading copper producers globally, setting new standards in copper processing. The company maintains a consistent focus on quality and environmental protection and a strong commitment to the principles of sustainable development. All production facilities in the Group's plants leverage advanced technologies to produce innovative products that are energy efficient and environmentally friendly.

Halcor's copper tubes production plants are certified with the international standards ISO 9001:2015, ISO 14001:2015, OHSAS 18001:2007 and ISO 50001:2018.

✉ www.halcor.com

✉ info@halcor.com



MEMBER of:



Sales in more
than
60 countries



80 years'
experience
in copper
processing



Market leader
in Europe in
copper tubes



25 years'
experience
in thin wall
tubes



Copper tubes
plant:
Biggest output
under one roof
in Europe



Copper / Company

Low lead and Lead-free copper alloys for drinking water applications



Fitco, is an industrial company specializing in the **production, processing and marketing of copper alloy products - solid and hollow rods, profiles, tubes, wires and meshes.**

With more than 40 years of manufacturing experience, Fitco has a leading position in the Greek market and a global presence in more than 30 countries through its international network of subsidiaries, agents and distributors.

The production plant at Oinofyta, Greece has a capacity of over 40.000 tons annually.

Fitco, with continuous investments in new sustainable technologies, offers added-value copper alloy solutions for the automotive industry, building and housing construction, electrical and electronic sector, industrial machinery and equipment, marine and naval, and aquaculture market.

Fitco's production plant is certified as per ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018 international standards.

Fitco's products meet European standards EN, as well as BS, DIN, ASTM, JIS specifications.

✉ www.fitco.gr

✉ info@fitco.gr

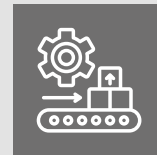
MEMBER of:



Sales in around
30 countries



40 years'
experience



Supplier
of copper alloy
solutions for
automotive
industry,
building
and housing
construction,
electrical and
electronic
sector,
industrial
machinery and
equipment,
marine and
naval, and
aquaculture
market.



Copper / Company

Sales in Europe, Middle East, Asia, Africa, Central and North America

SOFIA MED

Sofia Med produces **a wide range of rolled and extruded copper and copper alloy products** such as sheets, strips, plates, circles, disks, bare and plated copper bus bars, rods, profiles, components, and wires used in a wide variety of building and industrial applications.

Sofia Med is situated in Sofia, Bulgaria, on a 250,000 m² area and has three production units:

- Foundry
- Rolling
- Extrusion mills.

With over 80 years' manufacturing experience and significant investment, Sofia Med has evolved into a competitive modern European company with customers across the globe.

Sofia Med operates under strict quality, environmental, and health and safety management systems, in compliance with ISO 9001:2015, ISO 14001:2015, ISO 50001:2018, IATF 16949:2016 and ISO 45001:2018 standards. The Company conforms to the ISO 26000:2010 guidelines on Social Responsibility. Sofia Med's product range meets all Unified European standards (EN) as well as BS, DIN, ASTM, JIS specifications, or any other specific customer request.

✉ www.sofiamed.com

✉ info@sofiamed.com

MEMBER of:



Sales in
more than
62 countries



80 years'
experience
in copper
processing



99% exports



Letter
of Conformity:
ISO 26000:2010
on Social
Responsibility



Focus on...

The successful installation of **Sundwig rolling mill**



Increase
capacity
and
profitability



Halcor offers **Talos® XS 130bar, as standard** and **120bar** as an option with optimized wall thickness.

Sofia Med offers Hot Dip Tinned strip products, as new alternative supplier in the market.



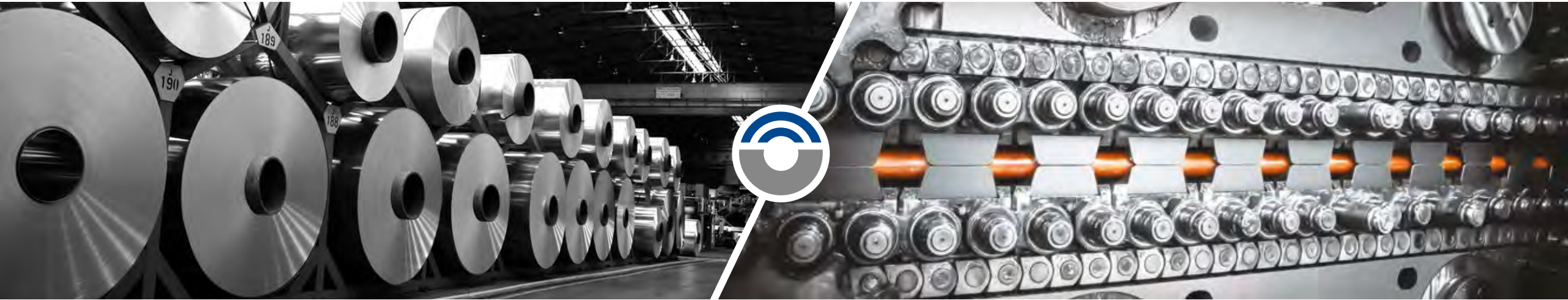
Halcor is keeping a **high ratio of industrial vs installation tubes** following the market dynamic but mainly based on the initial plan to change the product mix deliberately without losing the advantages of the scrap profit through high utilization.



38 new customers in France, Turkey, Switzerland, Germany, Ukraine, Egypt, Azerbaijan with a profitability higher than the exports' average. The new customers' orders have a higher profitability than average, resulting in improved overall profitability. Therefore there is a strategic focus on maintaining this more profitable mix of products and customers.



Sofia Med increased further market share, sales volume and profitability.



ElvalHalcor is active in several dynamic and growing markets, including:

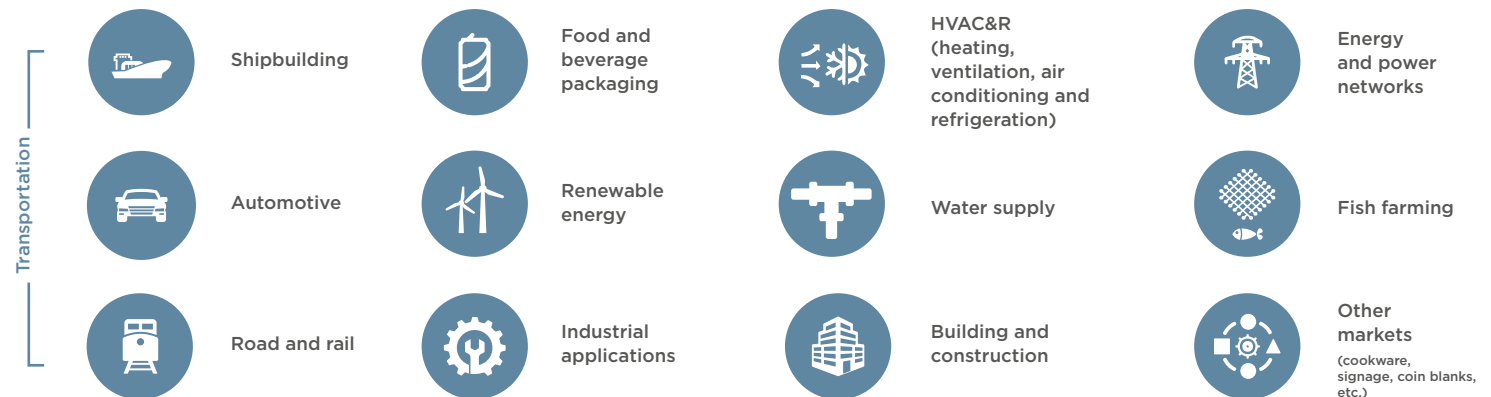
ElvalHalcor is **a leading global industrial producer of aluminium and copper**, formed in December 2017 via the merger of Elval and Halcor.

The Company has over 80 years of experience, a strong production base across 17 industrial units in Greece, Bulgaria, Turkey and the Netherlands, a market presence in over 100 countries, and highly experienced, specialised personnel.

ElvalHalcor contributes to green economy and growth by offering sustainable aluminium and copper solutions and products in many dynamically growing markets.

ElvalHalcor is listed on the Athens Stock Exchange.

➤ www.elvalhalcor.com





Cables



HELLENIC CABLES



Cables at a glance

Established provider of **innovative cable products, solutions and services**



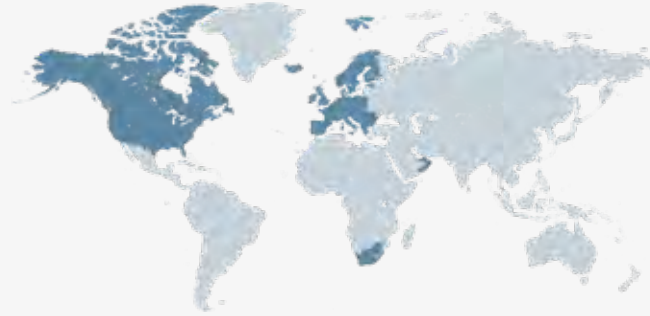
- Utilities and power grids
- Construction and Infrastructure
- Renewables
- Telecoms



Established provider of innovative cable products, solutions and services



5 manufacturing plants across 3 countries



Sales in 45 countries



World-class capabilities in submarine cable solutions. Amongst the world largest and most advanced submarine cable capabilities globally



Annual capacity of 160,000 Tn cables



Turnkey solution provider
In-house PMO, design dept



Revenue 2020
EUR 569 million



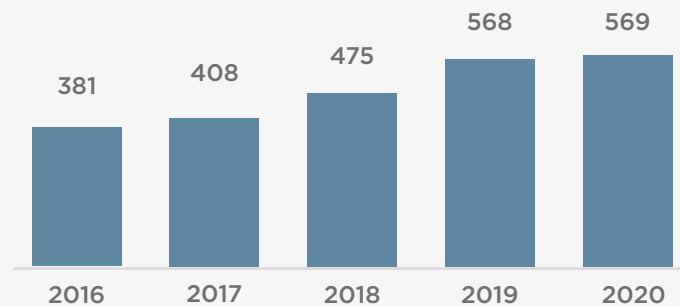
a-EBITDA 2020
EUR 81 million



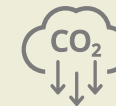
Investments 2020
EUR 49 million

Sales revenue

in EUR million



Product line enabling a decarbonized future with 50% of products contributing to the energy transition



Significant energy efficiency gains in the last 10 years with 16% improvement on operational energy footprint



Cables aligning with megatrends

Megatrends

Clean, circular economy



Sustainable packaging

Low carbon and recyclable products

Products with high recycled content

Transition to climate neutrality



Electrification

Green hydrogen

(RES) growth

E-mobility

Interconnected power grid

Technological advancements



Digitalization

Smart grid

Cables segment's products and solutions facilitating the shift



- Use of secondary raw materials in production
- Design of recyclable cables



- Submarine and underground cable solutions and services
 - High and extra-high voltage, up to 500 kV
 - Medium voltage, up to 72 kV
 - Turnkey capabilities, onshore and offshore
- Applications and markets: full scope of services
 - Offshore wind: static and dynamic
 - Power transmission and distribution, onshore and offshore
 - Data and telecom
 - Industrial applications
- Strong product line establishing energy transition

- FTTH cable solutions
- Composite power/ fibre-optic cables
- Copper telecommunication and fibre-optic cables
- Data transmission cables





Cables / Main plants



Corinth plant

Submarine cables

Copper and aluminium rods, LV power cables, MV power cables, HV cables, fibre optic submarine cables, submarine MV cables, HV and EHV submarine cables up to 400kV

Capacity:
50,000Tn/year
of cables
120,000Tn/year
of wire F8



Location:
Corinth - Greece



Thiva plant

Power & data cables

LV power cables, MV power cables, HV power cables, EHV cables up to 500kV, fibre optic cables



Capacity:
60,000Tn/year



Location:
Thiva - Greece

Compounding and R&D&I

PVC, LSF and rubber compounds



Capacity:
24,000Tn/year



Location:
Oinofyta - Greece



Oinofyta plant

Power, Telecom and Specials

Wire drawing, power cables, telecommunication cables, rubber cables, PVC and rubber compounds.



Capacity:
50,000Tn/year
of cables



Location:
Bucharest - Romania



Bucharest plant

Packaging

Packing materials and wooden drums for cables.



Capacity:
16,500m³/year



Location:
Blagoevgrad - Bulgaria



Blagoevgrad plant



Cables / Markets and Products

Energy transmission, distribution and renewables

- Power cables: LV, MV, HV and EHV
- Submarine and land
- XLPE, EPR insulated
- Composite power and FO
- Turnkey solutions and capabilities



Telecom and data transmission

- Telecom network cables
- Optical fibre cables
- Submarine optical fibre cables for repeaterless applications



Construction and industrial

- Signalling and control
- High temp, low sag, flame retardant, mining
- Wind and solar





**A complete
range of turnkey
solutions and
services, tailored
to customer
demands**

HELLENIC CABLES

Hellenic Cables constitutes **the cables segment of Cenergy Holdings S.A.**, the holding company listed on both the Euronext Brussels and the Athens Stock Exchanges.

The Company, which is the largest producer of cables in Greece and South-eastern Europe, is active in the energy transmission and distribution markets in the renewable energy sources, telecommunications and data transmission, construction and industry sectors, and is distinguished for its strong exports orientation.

The Company has three cable production plants in Thiva and Corinth (Greece) and Bucharest (Romania), one enamelled wires production unit in Livadia Greece and one auxiliary production plant in Oinofyta (Greece). The Corinth production plant is one of the largest and most advanced submarine cable factories.

Hellenic Cables operates on the sustainability principles minimizing the negative impacts.

Through its activities, the Company seeks to leave a positive footprint on the economy and society of the countries in which it operates in the world.

✈ www.hellenic-cables.com

✉ info@hellenic-cables.com



Sales in
more than
45 countries



Established
in 1950



5 manufacturing
plants
in 3 countries



State-of-the-art
facilities



Focus on...

The project of **Hollandse Kust Zuid A&B**. Installation of 86 km HV submarine cables for Platform HKZ A.



**Major
milestone
reached
in 2020**

Major milestone reached in 2020: Installation of 86 km HV submarine cables for Platform HKZ A



Scope:
**220 kV Turnkey
Project
(Supply & Installation)**



Country:
The Netherlands



Client:
TENNET
Netherlands Authority
for Energy



Load-out of cables
performed in
Summer 2020

Cables
transported to
Eemshaven port

Installation of HV
submarine cables
finished

Significance



HKZ is proof of Hellenic Cables' ability to form strong partnerships to deliver complex and demanding projects



HKZ marks Hellenic Cables' first HV submarine project in the Netherlands (220 kV Export cable)



see more information:
www.linkedin.com/company/cable-hellenic-cables-group/videos/



Steel pipes





Steel pipes at a glance

Corinth Pipeworks is amongst the **world leading steel pipe manufacturers** for the energy & construction sector.



More than
50 years'
experience

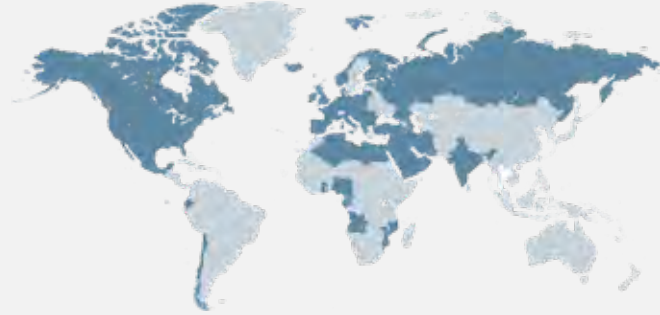


World
class pipe
manufacturer
for energy
projects



Long experience
with more than:

- 22,000 km pipelines
- 3,000 km offshore pipelines
- 1,000 km CO₂ pipelines



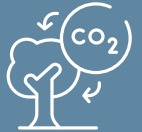
Sales in more than 45 countries



Energy transition
enabler through
R&D&I in
transportation of
hydrogen



State of the art
facility
(EUR 350
million
investment
2012-2020)



Ready for the
energy shift
with know how
in gas & CCS
pipelines



Revenue 2020
EUR 305 million



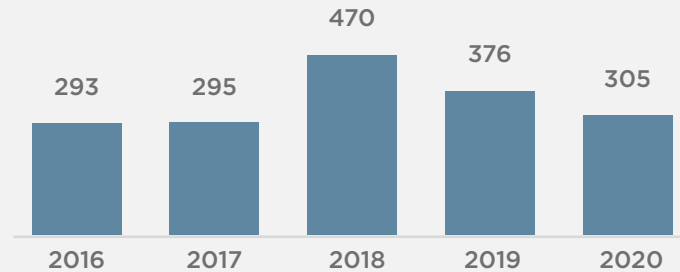
a-EBITDA 2020
EUR 22 million



Investments 2020
EUR 15.5 million

Sales revenue

in EUR million



Significant energy efficiency gains in the last 10 years with 11% improvement of operational energy footprint



Landfill waste avoidance exceeding 99%
Strong contribution in reduction of carbon footprint in our production facilities



Steel pipes aligning with megatrends

Megatrends

Clean, circular economy



Transition to climate neutrality



Technological advancements



Circular economy

Production responsibility

CCS

Green hydrogen

Digitalization

Operational excellence

Steel pipes segment's products and solutions facilitating the shift



- Steel coils and plates being highly recycled raw materials

- Utilizing secondary materials in concrete coating making more circular products



- Strong commitment in energy efficiency improvements, in utilising electricity from RES and contributing to carbon neutrality



- Strong product portfolio enabling energy transition



- Research and development for the manufacture of pipes providing solutions for the transportation of hydrogen or mixture with natural gas



- Steel pipes for gas fuels pipelines in demanding projects and strict specifications



- Steel pipes for CO₂ pipelines for CCS projects



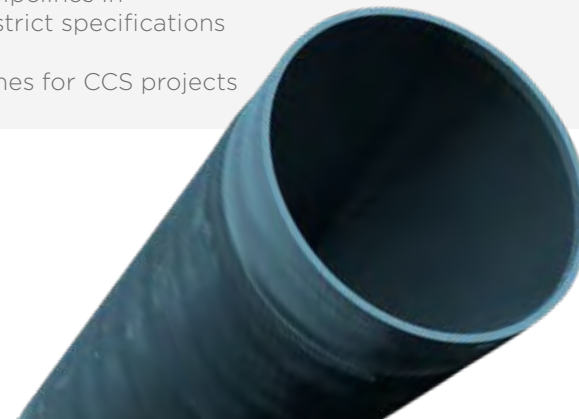
- Implementation of integrated performance management systems



- HSE digital platform and Quality Management System



- Continuous improvement via business excellence program





Steel pipes / Main plants, Markets and Products



 CORINTH
PIPEWORKS

Products: Steel pipes
Markets:
• Gas and liquid fuels pipelines
• Hydrogen pipelines
• CO₂ pipelines
• Construction

 Capacity: **925,000Tn/year**  Location: **Thisvi - Greece**

Products: Steel pipes
Markets:
• Gas and liquid fuels pipelines
• Construction

 Capacity: **200,000Tn/year**  Location: **Polevskoy - Russia**



TMK CPW

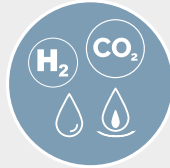
Gas and liquid fuels, Hydrogen and CO₂ pipelines

Onshore:

ERW 8"-26" x 25,4mm
HSAW 24"-100" x 25,4mm
LSAW 16"-56" x 40,0mm

Offshore:

ERW 8"-26" x 25,4mm
LSAW 16"-56" x 40,0mm



OCTG (drilling and extraction)

ERW 8"-26" x 25,4mm
LSAW 16"-56" x 40,0mm



Construction

ERW 8"-26" x 25,4mm
HSAW 24"-100" x 25,4mm
LSAW 16"-56" x 40,0mm
ERW 2"-7" x 10,0mm





Steel pipes / Company

Integrated services coating, project management, logistics

Port facilities'
exclusive use



With over half century's experience, Corinth Pipeworks has worked with **major energy companies across the globe** on highly demanding projects.

The Company's customer oriented philosophy has resulted in strong, long term mutually beneficial relationships.

Corinth Pipeworks operates a state of the art plant in Thisvi (Greece) with 925,000 Tn/year capacity. It continuously invests to support delivery of reliable quality solutions on time.

The Company offers one of the widest product ranges in the industry, as well as top-quality tailor-made solutions to demanding projects.

The Company combines cutting-edge technology, advanced machinery and equipment with a unique team of experts, eager to respond and find solutions to customer needs.

With a manufacturing plant in Greece and extensive expertise in delivering complex projects on a global scale, Corinth Pipeworks is the supplier of choice for energy and international construction companies.

✈ www.cpw.gr

✉ info@cpw.gr



Unique
production range
worldwide



Downstream
operations
All in one plant



Steel pipes for
energy sector
and hollow sections
for the construction
sector



Long experience
in realising
demanding projects
(max water depth
1,750 m)



Focus on



Energy efficiency



Reduce carbon footprint



Offset carbon footprint



Technological
superiority



The new era of green hydrogen from renewables will lead to gas networks transporting mixture of natural gas & hydrogen or 100% hydrogen.

Corinth Pipeworks focuses on research and development for providing solutions and certification of steel pipes for the transportation of hydrogen or hydrogen-gas mixture.





Be part of the energy world



Power transmission
& distribution



Renewables



Gas & liquid
fuels



Telecom



Construction

➤ www.cenergyholdings.com

Cenergy Holdings S.A. invests in industrial companies at the forefront of high growth sectors, such as **energy transportation, telecommunications and construction.**

Based in Belgium, the Company was founded in 2016 and is listed on Euronext Brussels and the Athens Stock Exchange.

Cenergy Holdings' companies provide turnkey solutions and services to a large number of clients in the energy, telecommunications and construction sectors. With significant experience implementing large-scale projects globally and a strong focus on customer satisfaction, the companies are considered to have a leading role in their respective sectors.



HELLENIC CABLES



Steel

 **SIDENOR**

 **SOVEL**

 **STOMANA**
INDUSTRY S.A.

 **ERLIKON**

 **DOJRAN STEEL**

 **SIDEROM**
STEEL

 **SIDERAL**
STEEL

 **SIDEALK**
STEEL



Steel at a glance

The steel segment companies offer **a broad range of value-added products** and **solutions for building and construction** (including buildings, roadworks, metro stations, bridges, shopping malls and hydroelectric dam projects), **mechanical engineering, shipbuilding, road and rail, the automotive industry**, along with mining and tunneling applications.



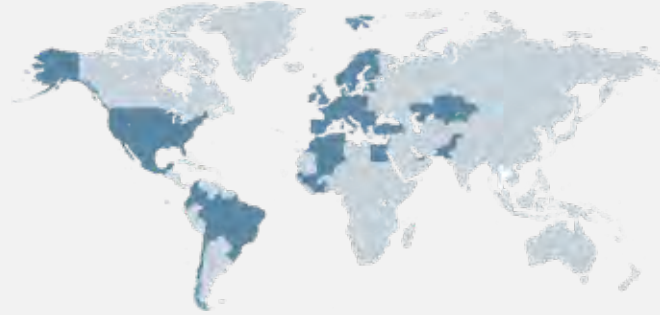
Annual capacity
of 3,600,000 tons
Liquid Steel



3 ports & 16
distribution
points



6 manufacturing
plants in
4 countries



Sales in more than 50 countries



Strong presence in
building, construction,
industrial engineering
and shipbuilding
industries



Innovative
products
for concrete
reinforcing
construction



Revenue 2020
EUR 678 million



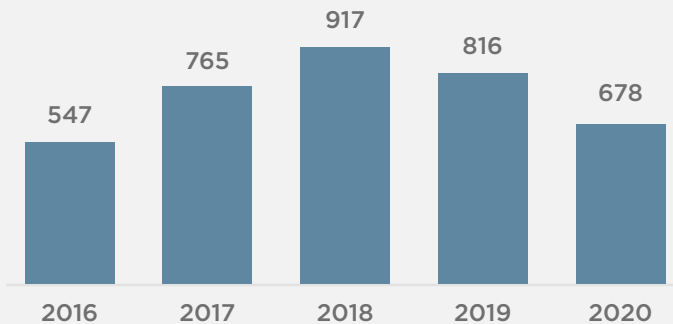
a-EBITDA 2020
EUR 34 million



Investments 2020
EUR 17 million

Sales revenue

in EUR mill



Strong contribution to low carbon,
circular economy with 98% of raw
materials from secondary sources



Steel production waste recycling or
recovery rate at 96% in Greek plants



Steel aligning with **megatrends**

Megatrends

Clean, circular economy



Low carbon and recyclable products

Products with high recycled content

Urbanization



Green buildings

Technological advancements



Digitalization

Industry 4.0

Operational excellence

Steel's segment's products and solutions facilitating the shift



- By-products and wastes recycling as raw materials for other industries
- High recycled content in raw materials



- Concrete reinforcing steel and Sidefor prefabricated stirrup cages for high buildings and constructions



- Digitalization in steel process maintenance in robotics and automation (Rebar, Special Bar Quality steels)



Steel / Main plants



SD concrete reinforcing steel (bars and coils), merchant bars, wire rod.



Capacity:
Meltshop:
800,000 Tn/year
Long products mill:
800,000 Tn/year



Location:
Thessaloniki - Greece

SD concrete reinforcing steel (in bars), SD rebars cut-to-length, SD spooled coil, SD stirrup reinforcing mesh, SD wire mesh, Sidefit Special mesh, Sidefor prefabricated stirrup cages.



Capacity:
Meltshop:
1,350,000 Tn/year
Long products mill:
1,200,000Tn/year



Location:
Almyros - Greece



SD concrete reinforcing steel, special bar quality steels (SBQs), quarto plates, merchant bars, grinding balls, THN mining profiles and boron flats.



Capacity:
Meltshop:
1,400,000 Tn/year
Plate mill:
400,000 Tn/year
Long products mill:
1,200,000 Tn/year



Location:
Pernik - Bulgaria

SD concrete reinforcing steel, SD wire mesh, merchant bars, double twist hexagonal mesh (serasanetti), lattice girders, galvanized mesh, and merchant bars.



Capacity:
Long products mill:
200,000 Tn/year



Location:
Nikolic N.Macedonia





Steel / Markets and Products

Building and construction

SD integrated concrete reinforcing system (Concrete reinforcing steel, bars and coils, cut-to-length rebar, spooled coil, mesh, stirrup reinforcing mesh, Sidefit special mesh, wire mesh, Sidefor stirrup cages, Inomix steel fibers, lattice girders), merchant bars, wire rod, quarto plates, galvanized mesh, double twist hexagonal mesh (serasanetti), welding products, welded electrodes, wire products (galvanized wire and black wire), thin wall pipes and tubes.



Transportation, automotive and shipbuilding

Quarto plates, special bar quality steels (SBQs), special profiles (THN, Boron flats), wire and welding consumables for vehicle manufacturing industry and shipbuilding, forging parts for the agricultural industry.



Industrial applications

Merchant bars and wire rods, quarto plates, special bar quality steels (SBQs) for use in hydraulic cylinder, forging and other engineering steel sectors.



Energy and Power networks

Merchant bars, flats and equal angles for high voltage transmission towers, special bar quality steels (SBQs), IPE beams.



Other markets: Mining and tunneling

THN mining and tunneling profiles for steel arches for public works and underground mines, as well as formworks for tunnels.





Long experience in multimodal logistics across the Balkans



Sidenor is a **leading producer of long steel products in South East Europe.**

Sidenor's plant in Thessaloniki produces steel from recycled scrap, promoting the circular economy. The plant operates a digital steel scrap reception and monitoring system.

Sidenor manufactures long steel products via a hybrid mode, operating either with cold or hot charging of the billets in the rolling process. This flexible operation uses reheating and induction furnaces.

Sidenor produces wire rod in standard or customized qualities. It produces also SD concrete reinforcing steel in bars and coils, as well as merchant bars.

Sidenor provides the raw materials (billets and steel wire) to group's manufacturing company Dojran Steel specialized in the production of merchant bars and wire products.

Sidenor provides the raw material (wire rod qualities) to group's downstream manufacturing company Erlikon specialized in the production of galvanized wire products, welding products, steel fibers and other wire products.

Sidenor's products are delivered by trucks and vessels in many European and MENA countries.

Sidenor's plant is certified as per ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, and ISO 50001:2018.

📍 www.sidenor.gr

✉ info@sidenor.vionet.gr



Wide portfolio of merchant bars squares, circulars, rectangular, angles, IPE, UPN.



55 years' experience



Capacity Meltshop 800,000 Tn/year



Rolling mill 800,000 Tn/year



Own port facilities



Sovel is **a leading producer of long reinforcing steel products in South East Europe.**

Sovel's plant in Almyros, Central Greece produces steel from recycled scrap, promoting the circular economy.

The plant operates a digital steel scrap reception and monitoring system.

Sovel manufactures long steel products via a hybrid mode, operating with both cold and hot charging of the billets in the rolling processes. This flexible operation uses both reheating and induction furnaces.

Sovel is specialized in the production of SD concrete reinforcing steel bars, standard or tailored-to-length, SD spooled coils.

As downstream operations Sovel manufactures SD stirrup reinforcing mesh, SD wire mesh, Sidefit special mesh and Sidefor prefabricated stirrup cages.

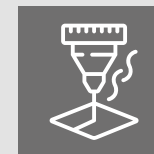
Sovel's products meet high quality standards required by the infrastructure and construction projects internationally.

The Company's production plant is certified as per ISO 9001:2015, ISO 14001:2015, OHSAS 18001:2007, ISO 50001:2011 and SustSteel.

Sovel's products meet European standards (EN) as well as BS, DIN, ELOT, SR, SRPS, BDS, HRN specifications.

✉ www.sidenor.gr

✉ info@sidenor.vionet.gr



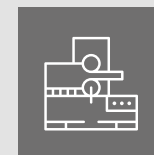
State of the art facilities



Investments in high-end technology



Capacity Meltshop
1,350,000 Tn/year



Rolling mill
1,200,000 Tn/year



Major supplier to the shipbuilding, automotive, industrial sectors



Stomana Industry is a **leading manufacturing company of flat and long steel products located in Bulgaria.**

Stomana plant in Pernik produces steel from recycled scrap and is among the few steel mills producing 100% of the hot rolled plates exclusively by recycled ferrous scrap, providing solutions that reduce the environmental footprint and promote the circular economy.

The plant operates a digital steel scrap reception and monitoring system.

The steel is manufactured via two electric arc furnaces, a vacuum degasser for the quality steel products, while billet grinding technology is among many state-of-the-art technologies installed.

The company has been present in the Balkan and international markets for more than 60 years and produces a wide range of products including quarto plates, special bar quality steels (SBQs), reinforcing steel, grinding balls and special profiles.

As downstream operations Stomana Industry manufactures bright steel bars and quenched and tempered bars for engineering applications, as well as thin wall tubes and hollow sections.

Stomana Industry continuously invests in the most up-to-date technology, operates a state of the art laboratory, that together with many inspection lines ensures high quality products of high standards.

Stomana Industry exports its products to all over the world, by trucks, rail and vessels.

The Company's production plants are certified as per ISO 9001:2015, ISO 14001:2015, OHSAS 18001:2007 and SustSteel. The products meet requirements of EN, DIN, ASTM, SIS, BS, Lloyd's register and Germanischer Lloyd.

✈ www.stomana.bg

✉ info@stomana.bg



Main markets:
Central
Europe,
Balkans,
US, MENA



Wide range of
Products
Rebar, quarto plates,
special bar quality,
merchant bars,
grinding balls, special
profiles



Capacity
Meltshop
1,400,000 Tn/year



Plate mill
400,000 Tn/year



Long products mill
1,200,000 Tn/year



Leading producer of merchant bars in South East Europe



Dojran steel is a **producer of long steel products via rolling process and downstream products.**

Dojran produces steel exclusively from billets from recycled ferrous scrap promoting the circular economy.

Dojran produces merchant bars in standard profiles and qualities, but also concrete reinforcing steel in bars and meshes, as well as wire downstream products.

It is specialized in the production of downstream galvanized wire products like standard and special meshes, double twist hexagonal mesh (serasanetti), as well as copper coated welding wire.

Dojran products are delivered by trucks and vessels via Thessaloniki port in many European and MENA countries.



Wide range of products, Merchant bars, rebar products



All products fulfill the latest and highest quality standards



Capacity
Long products mill
200,000 Tn/year

📍 www.dojransteel.mk

✉ info@dojransteel.com



Real estate



NOVAL PROPERTY



STEELMET
PROPERTY SERVICES



ERGOSTEEL SA



Real estate at a glance

Noval Property is the 2nd largest Greek REIC with its main footprint in Greece



Office, shopping centre / retail park, hotel, industrial, logistics



42 Properties



2nd Largest Greek REIC



Low leverage capital structure



Strong tenant mix and long-term leases



Diversified portfolio in Greece and selective in Bulgaria



Property portfolio fair value (31.12.2020) EUR 365 million



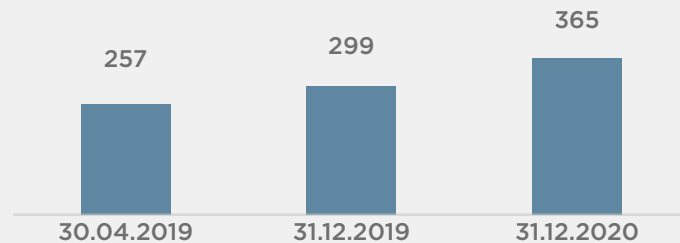
GBA 453,000 sqm.



Investments 2020 EUR 76 million

GAV (Noval Property)

in EUR million



1st LEED PLATINUM project in Greece using LEED v4 for "The Orbit" office complex



Real estate aligning with megatrends

Megatrends

Clean, circular economy



Low carbon and recyclable products

Products with high recycled content

Urbanization



Green buildings

Smart housing

Energy efficiency in buildings

Technological advancements



Digitalization

Real estate segment's solutions facilitating the shift



- Properties with LEED certification
 - "The Orbit" office complex PLATINUM LEED
 - "The Butterfly" office building GOLD LEED
- Use of materials in construction with high recycled content



- Conversion of former industrial assets into logistics and data centres
- Resort hotels with residential component
- Energy efficiency standards in new buildings
- Upmarket residential complexes
- Mixed use urban regeneration projects, in particular in Athens
- Green buildings



- Prime office buildings with LEED and WELL design and certification
- Data centres



2nd largest Greek Real Estate Investment Company (REIC)



NOVAL PROPERTY

Noval Property is the **2nd largest Greek Real Estate Investment Company (REIC)** in terms of portfolio value.

Noval Property possesses a diversified (spanning office, retail, hotels and industrial / logistics), mature and resilient portfolio of high quality assets with long term inflation-adjusted leases and strong tenant mix.

It has a footprint across Greece with selective presence in Bulgaria.

Among its flagship income producing properties are "The Orbit" office complex, the River West shopping centre and the adjacent IKEA megastore, the Mare West retail park, and the Wyndham Grand Athens hotel.

Noval Property also has a diversified pool of investment and captive development pipeline.

Noval Property's solid in-house investment and development experience and track record in Greece and SEE, combined with its strong capital structure, help Noval Property deliver a well defined strategy of growth balancing risk and return.

📍 www.noval-property.com

✉ info@noval-property.com



365 EUR mill.
property
portfolio
value



Diversified
portfolio:
Office, retail, hotel,
industrial /
logistics



Mixture of incoming
producing
properties and
development
projects



1st LEED
PLATINUM project
in Greece using
LEED v4 for
"The Orbit" office
complex



Highlights

Real estate development expertise in the commercial and hospitality sectors



NOVAL PROPERTY



Retail



IKEA Megastore



Hospitality



Wyndham Grand Athens 5* Hotel



Offices



Butterfly office building



Main tenants

INDITEX INTERSPORT

H&M

NIKE

adidas

MANGO

DECATHLON

ΣΚΑΛΕΝΙΤΗΣ

UNITED COLORS OF MINNETON

IKEA

ΚΩΤΙΟΒΟΛΟΣ



B

meeting point

Microsoft

Zenit

Chevron

mitsu|lift

ANSYS

Prenatal



River West Shopping Center



Wyndham Grand Athens 5* Hotel



"The Orbit" office complex



Mare West Retail Park



Wyndham Grand Athens 5* Hotel



"The Orbit" office complex



Focus on...

The **Orbit office complex**



NOVAL PROPERTY



New
office
building

The new "The Orbit" office building won the highest distinction (PLATINUM award in the overall category 'New Constructions / New Projects' as well as the highest distinction (GOLD award) in the 'Best New Development - Office category' at the Commercial Property Awards 2020.

The building construction project involved connecting the two existing wings of the former incomplete building and moving the core to the center, which further improved flexibility in terms of the functional organization and operation of the office spaces on the upper floors. In line with "The Orbit" high-quality interiors and energy efficiency which were designed to reduce its environmental footprint, the landscape was designed with the aim of creating a sustainable Mediterranean planted garden environment with a wide variety of native plants that serve in further improving the construction's aesthetics and environmental impact.



Location:
**115, Kifissias Avenue,
Athens**



GBA:
39,667 sqm



Levels:
**Ground floor, 8 floors and
6 basements**



Parking:
**399 spaces over
6 basements**



Uses:
**office, F&B, retail, gym/
spa and parking**



Completion:
2020



Technology and R&D&I



TEKAsystems
ENGINEERING, CONSTRUCTION & INFORMATICS



Technology and R&D&I at a glance

Development of **high value added products**. Efficient solutions **for the optimization of industrial and business processes**.



Viohalco's R&D&I work focuses on developing new, **innovative and high value added products**, and efficient solutions to optimise industrial and business processes. At the forefront of technological developments, Viohalco companies promote on-going R&D&I, develop innovative solutions, and maintain strategic partnerships with scientific bodies, international research centres, and other pioneering companies around the world.



Continuous scientific research, combined with experience from Viohalco companies' copper, aluminium and steel plants and foundries have resulted in significant in-house knowledge in metallurgy.



Viohalco companies **invest in cutting-edge factory lines** and constantly upgrade existing lines to remain competitive in the global market. Experienced engineers enhance the performance, effectiveness and capabilities of the lines beyond manufacturers' expectations.



Through on-going research and industrial processes technology optimization, Viohalco companies' engineers strengthen their product portfolios with innovative solutions.



Technology and R&D&I / Company



Elkeme's main focus is applied **industrial research and the technological development and analysis of four major metals sectors** (aluminium, copper, steel and zinc).

The Centre provides value added R&D&I services and technical solutions for new products and the optimization of existing business and plant production processes.

Main departments/laboratories

- Process Metallurgy
- Physical Metallurgy and Forming
- Metallography and Electron Optics
- Mechanical Testing and Manufacturing Technology
- Manufacturing Systems & Automation
- Numerical Modeling
- Corrosion
- Surface Science and Coatings
- Sustainability
- Analytical Chemistry

Key Activities

- Alloy and process development and optimization
- Industrial trials with scientific monitoring
- Simulation of thermal, casting and forming processes for process optimization
- Microstructure characterization
- Failure & Root cause analysis
- Surfaces and coatings development and optimization
- Characterization and study of sandwich composite materials
- Chemical, mineralogical and texture analysis
- Environmental and waste management / recycling

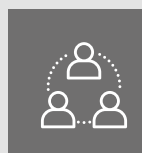
Elkeme is certified according to ISO 9001:2015, while it operates an ISO 17025:2017 accredited analytical chemistry laboratory.

📍 www.elkeme.gr

✉ info@elkeme.vionet.gr



Established in
1999



**Continuous
collaboration**
with Academia
for research
projects



Over thirty **(30)**
**PhD & Diploma
Thesis** in last 5
years



**Largest private
industrial R&D&I
Centre in Greece**



More than **200
R&D&I projects**
annually



Technology and R&D&I / Company

TEKAsystems

ENGINEERING, CONSTRUCTION & INFORMATICS

TEKA SYSTEMS, since 1975, offers high quality services to its customers by creating new standards with extensive experience in the field of **Engineering Solutions technology** and **Information Technology**, in the wider region of South-eastern Europe.

TEKA Systems has huge know-how in large-scale projects, high-quality requirements, in accordance with the latest international standards, covering:

- **Engineering & Design**
- **Erection and Commission services**
- **Industrial Automations**

TEKA Systems is also an Microsoft Azure Gold Partner, as well as SAP Gold Partner and Partner Center of Expertise, certified by SAP AG, providing holistic services from the Design until the operation and support of SAP ERP Systems for the following business area:

- **Sales & Marketing**
- **Finance**
- **Manufacturing**
- **Supply Chain**

TEKA Systems has more than 200 specialized, certified professionals with extensive experience in complex projects in both areas of Engineering and Information Technology.

TEKA Systems is certified with ISO 9001:2015 international standard.

Indicative Customers

- | | | |
|---------------------------|-----------------------|---------------------|
| • Pharmathen | • RAFARM | • MINOAN LINES |
| • Innovis | • Plastika Kritis | • Pharmaserve Lilly |
| • Philips Hellas | • Thrace Group | • UPL Greece |
| • OTE | • PAPOUTSANIS | • INFORM P. LYKOS |
| • Loulis Mills | • FLEXOPACK | • ATTIKO METRO |
| • Druckarben | • KAPACHIM | • GALAXIAS |
| • GEK TERNA | • ABB | • DAEFOOD Greece |
| • TEIRESIAS | • LERIVA | • TITAN |
| • COSCO SHIPPING | • LANDIS + GYR GREECE | • Mantis etc. |
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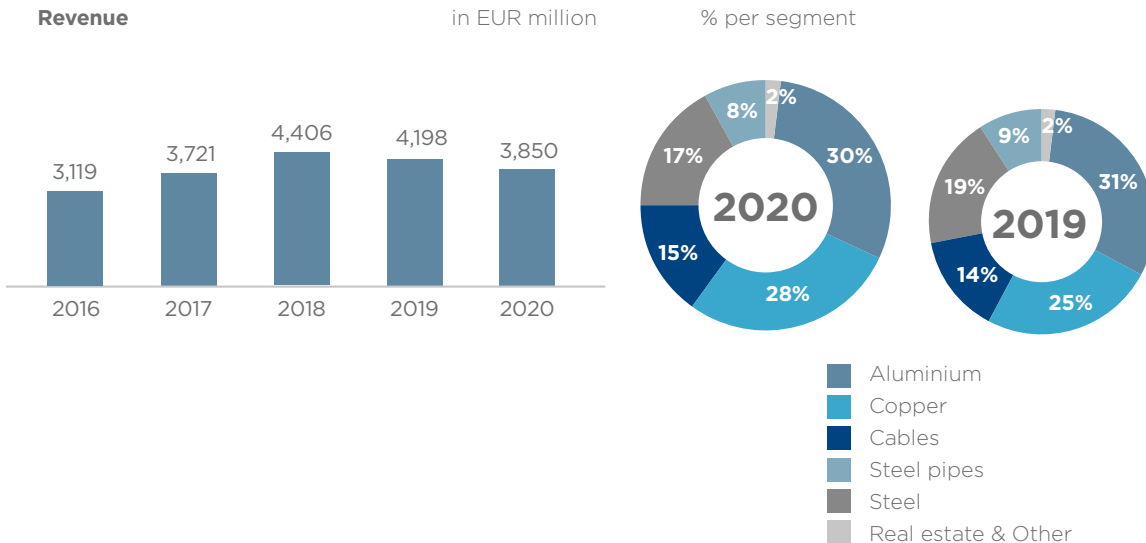


Financials

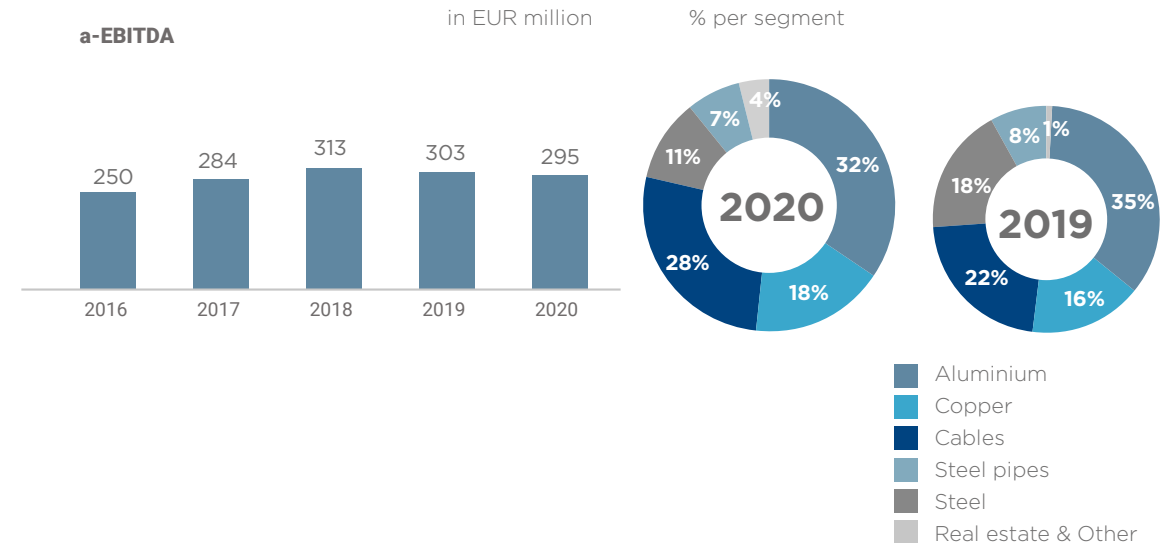


2020 Financial Highlights

- **Viohalco's consolidated revenue** for 2020 amounted to EUR 3,850 million, down 8.3% compared to the previous year (2019: EUR 4,198 million), mainly due to the drop of the metal prices in addition to the slowdown of the sales quantities during the Q2 due to the pandemic.



- **Consolidated a-EBITDA** was EUR 295 million for the year (2019: EUR 303 million), while consolidated EBITDA including the effect of metal prices increased by 4.7% to EUR 286 million (2019: EUR 273 million).



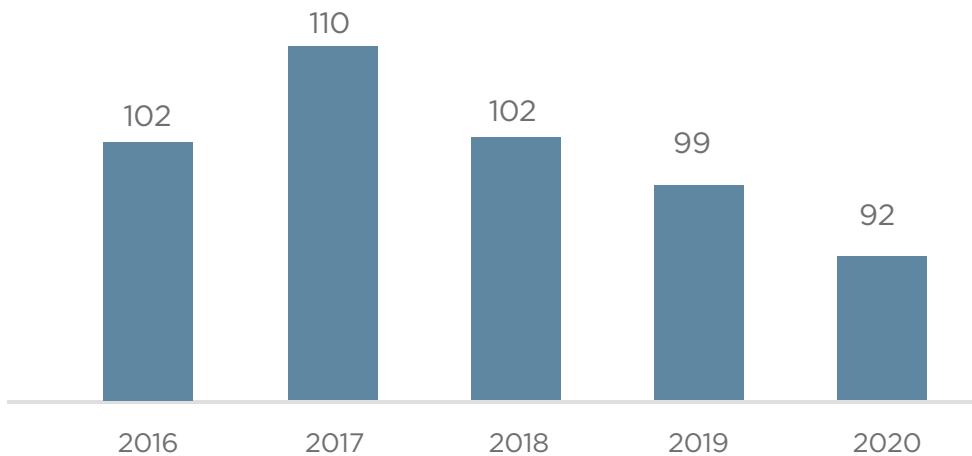


2020 Financial Highlights

- **Net finance cost** decreased year-on-year and amounted to EUR 92.3 million (2019: EUR 98.5 million), mainly as a result of interest spread reductions implemented gradually across all Viohalco companies in recent years.

Net Finance Cost

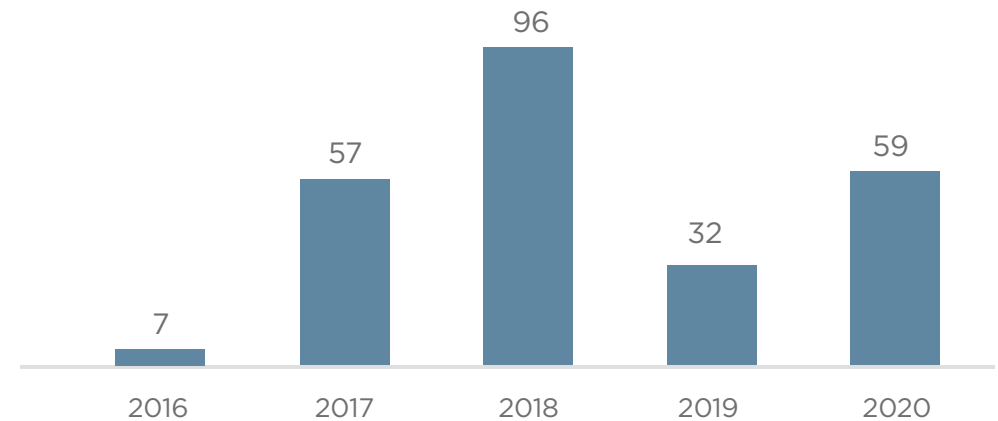
in EUR million



- **Viohalco's consolidated profit before income tax** for the year was EUR 59.5 million compared to EUR 31.9 million in 2019.

EBT

in EUR million



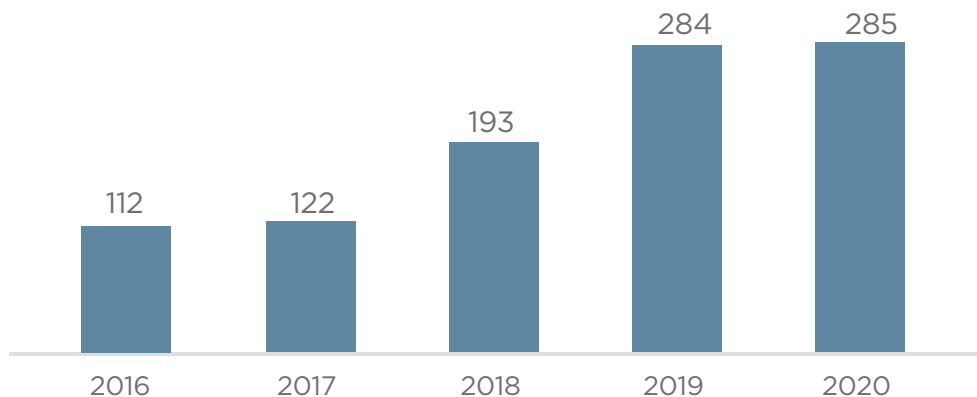


2020 Financial Highlights

- **Capital expenditure** for the year amounted to EUR 285 million (2019: EUR 284 million), due to the execution of the second phase of the aluminium segment investment programme, which includes the order of an advanced six-high cold rolling mill and an automated lacquering line, the cables segment investment programme including the inter-array investment in Hellenic Cables' offshore cables plant, and investments in the real estate segment.

CAPEX

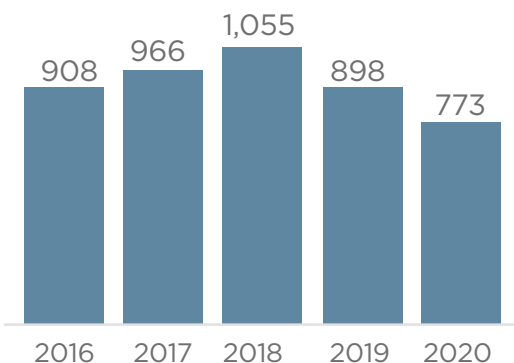
in EUR million



- **Working capital** decreased by 14% or 125 million compared to 2019, as a result of effective management across all elements (debtors, creditors and inventory).
- Viohalco companies' **net debt** improved to EUR 1,529 million (2019: EUR 1,560 million) before IFRS 16 adjustment. After adjusting for IFRS 16 this amounted to EUR 1,581 (2019: EUR 1,613 million).

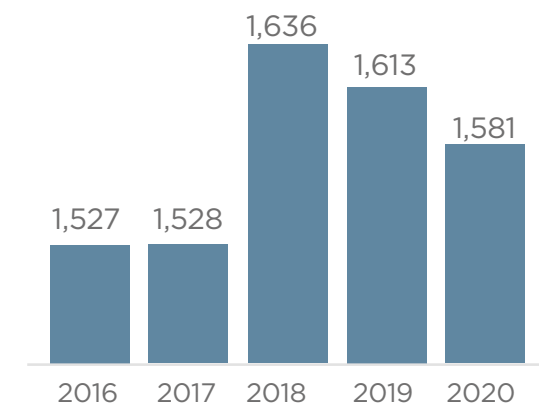
Working Capital

in EUR million



Net Debt

in EUR million



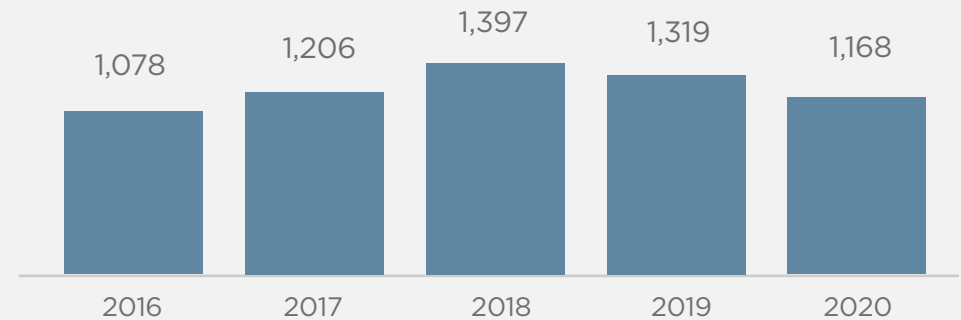


Aluminium segment at a glance

- ▶ During 2020, the aluminium segment managed to offset declining sales volumes due to the pandemic in the automotive and transportation sectors, and the downtrend in sales to the US, due to competition and the threat of tariff imposition, by the increased demand in the packaging sector.
- ▶ The **new four-stand tandem hot rolling mill** commenced operations, and an advanced six-high cold rolling mill and a new fully automated lacquering line were ordered.
- ▶ Sales volumes at **Symetal** increased, though profitability was affected by increased competition. A new lacquer production facility at the Mandra plant commenced operations in January 2021.
- ▶ **Etem** Bulgaria installed a new 45mn extrusion line and the initial machinery required for high-profile projects.
- ▶ **Etem's** architectural division headquarters and production facilities were relocated and investments to improve production capacity, capabilities and operational efficiency were made.
- ▶ At **Bridgnorth Aluminium** demand was impacted by the pandemic, though order volumes recovered in the last quarter.

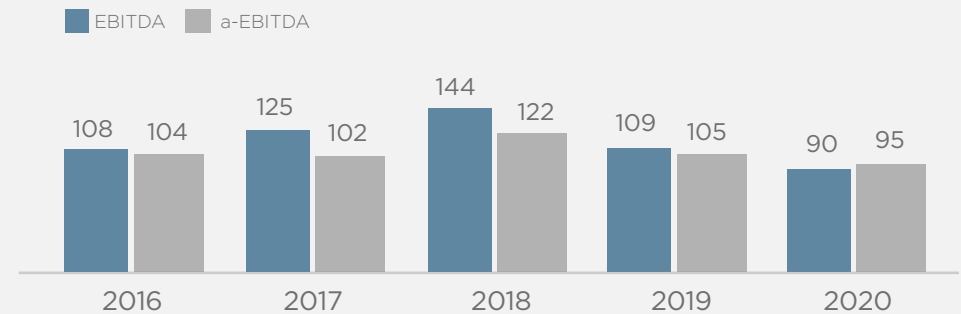
Revenue

in EUR million



EBITDA

in EUR million



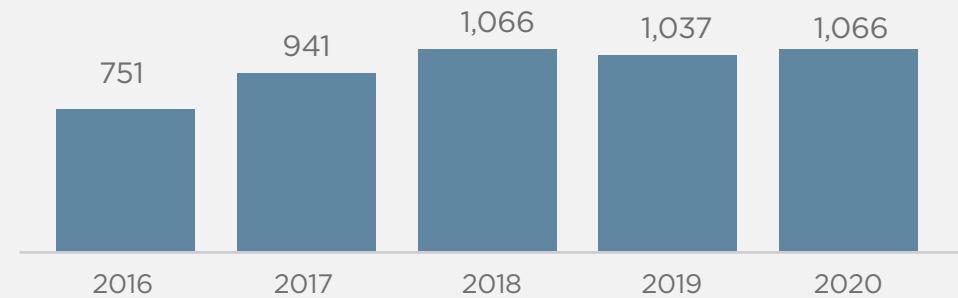


Copper segment at a glance

- ▶ Most copper segment companies outperformed the market, with no production or service stoppages. Copper, copper alloy, flat-rolled products, copper bus-bars and copper tubes performed well, while only sales in extruded alloy products declined.
- ▶ The integration of **Cablel Wires** added enamelled wires to the product offering, which helped drive volumes.
- ▶ **Sofia Med** installed an additional cold mill during the year.

Revenue

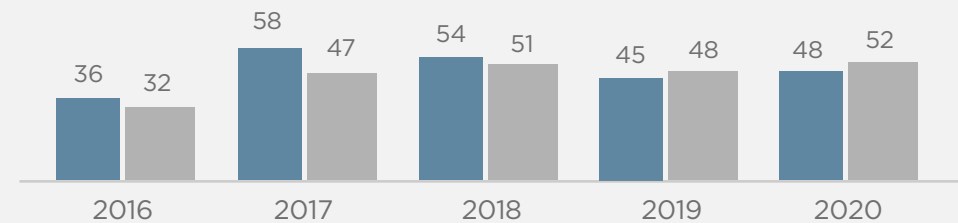
in EUR million



EBITDA

in EUR million

■ EBITDA ■ a-EBITDA



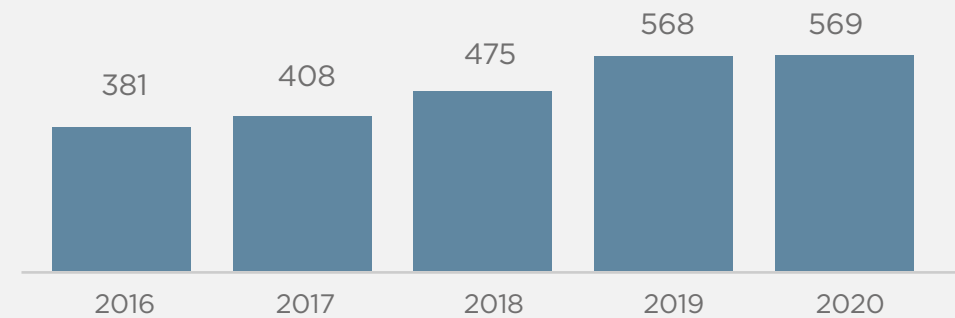


Cables segment at a glance

- ▶ The cables segment performance in 2020 reflects robust growth in its projects' business, which sustained high utilization levels across production units during the year.
- ▶ **Hellenic Cables** continued to tender for projects across different geographies and secured several awards for new projects and frame agreements, both in the offshore and onshore sector.
- ▶ Notably, in the offshore sector, the company was awarded the Dogger Bank offshore wind farm phases A & B in the UK, for the supply of 650 km 66 kV inter-array cables, the largest-ever inter-array cables contract. Other major offshore project awards included the Seagreen offshore wind project in the UK, for the supply 66 kV inter-array cables and the supply of approx. 90 km of 11 kV and 33 kV composite submarine cables and associated accessories to Scottish & Southern Electricity Networks.
- ▶ A number of projects were successfully delivered in full or partially during the year. Timely delivery of these complex projects was achieved as a result of Hellenic Cables' strict adherence to internal safety protocols and procedures, and continuous coordination with clients and supply chain partners.

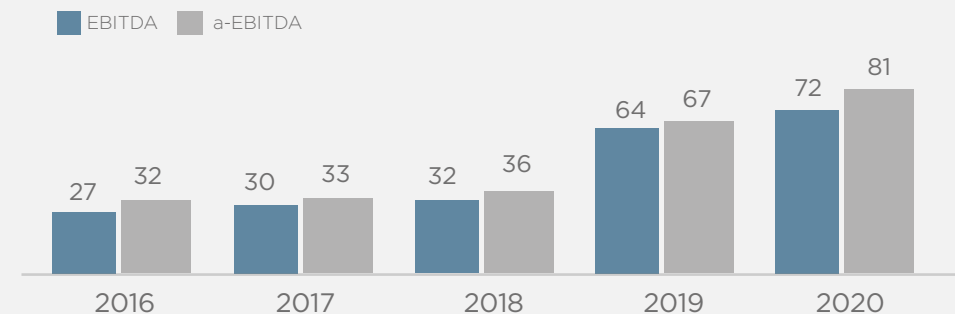
Revenue

in EUR million



EBITDA

in EUR million



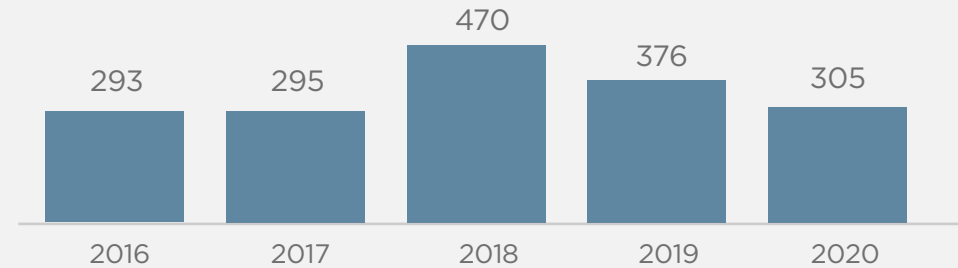


Steel Pipes segment at a glance

- ▶ Despite a sharp decline in oil and gas prices and subdued energy demand due to the pandemic, **Corinth Pipeworks** showed resilience. It won new projects, strengthened its presence in key markets, and managed working capital to secure liquidity and allow operating activities to finance investments.
- ▶ It also continued its rigorous programme of major oil and gas company qualifications and innovative programmes to enhance competitiveness.

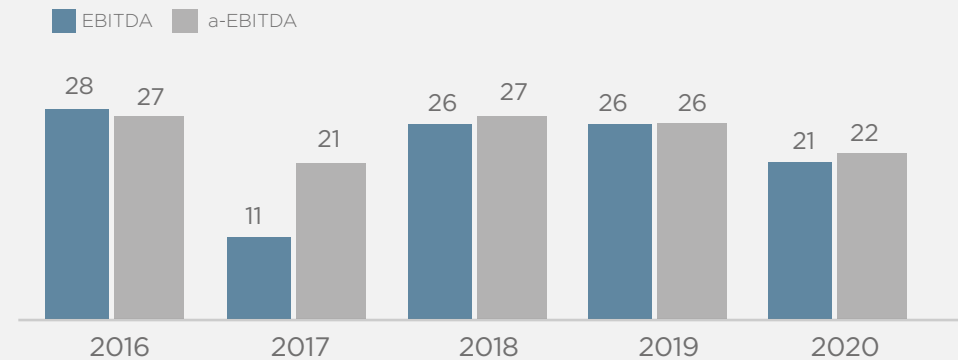
Revenue

in EUR million



EBITDA

in EUR million



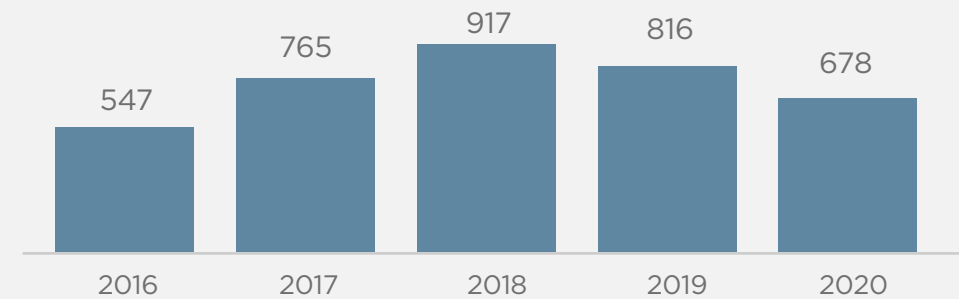


Steel segment at a glance

- ▶ In the steel segment a cost reduction programme was implemented in all plants to match production with reduced demand. The segment maintained its dominant market position in the Balkans and its strong share of Greece's construction market.
- ▶ Demand in both the plates and special bar quality steels markets initially declined but showed signs of recovery later in the year.
- ▶ At **Sidenor**, a product optimization project commenced, and at the **Stomana Industry** plant, upgrades and investments were carried out.

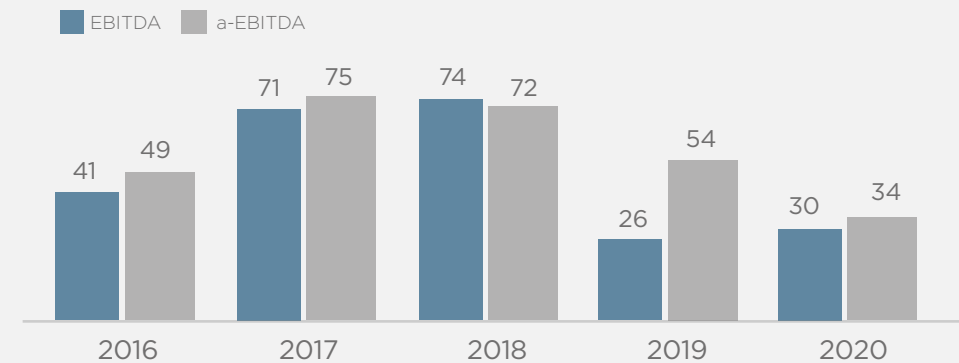
Revenue

in EUR million



EBITDA

in EUR million



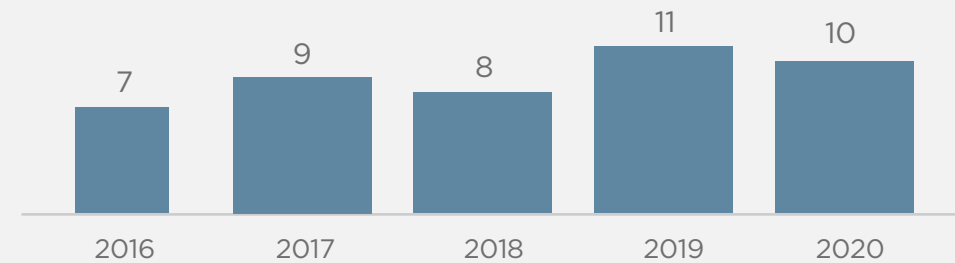


Real Estate segment at a glance

- ▶ **Noval Property** recorded a significant increase in the fair value of its real estate portfolio as a result of corporate transformation and active asset management.
- ▶ Despite the Greek government introducing a compulsory 40% reduction in rent for commercial properties for most of the year, Noval Property's effective active asset management ensured no significant rent or service charge arrears and satisfactory liquidity, enabling it to continue its development programme.
- ▶ "The Orbit" office complex in Athens commenced commercial operations, and construction works on the expansion of the River West shopping centre progressed.

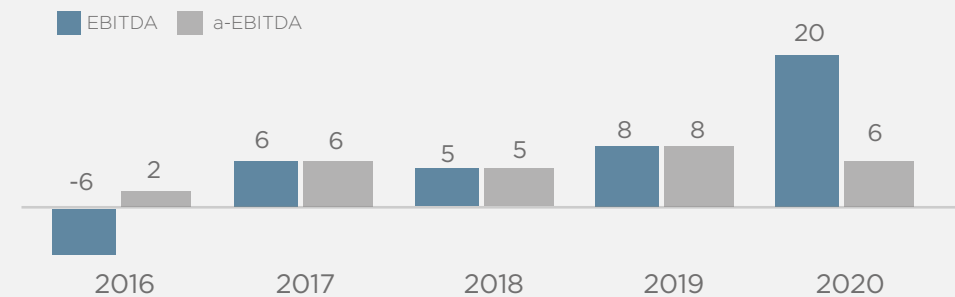
Revenue

in EUR million



EBITDA

in EUR million





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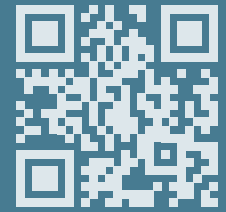
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- Legislative and regulatory developments;
- Global macroeconomic and political trends;
- Fluctuations in financial markets conditions;
- Delay or inability in obtaining approvals from authorities;
- Technical developments;
- Litigation; and
- Adverse publicity and news coverage.

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