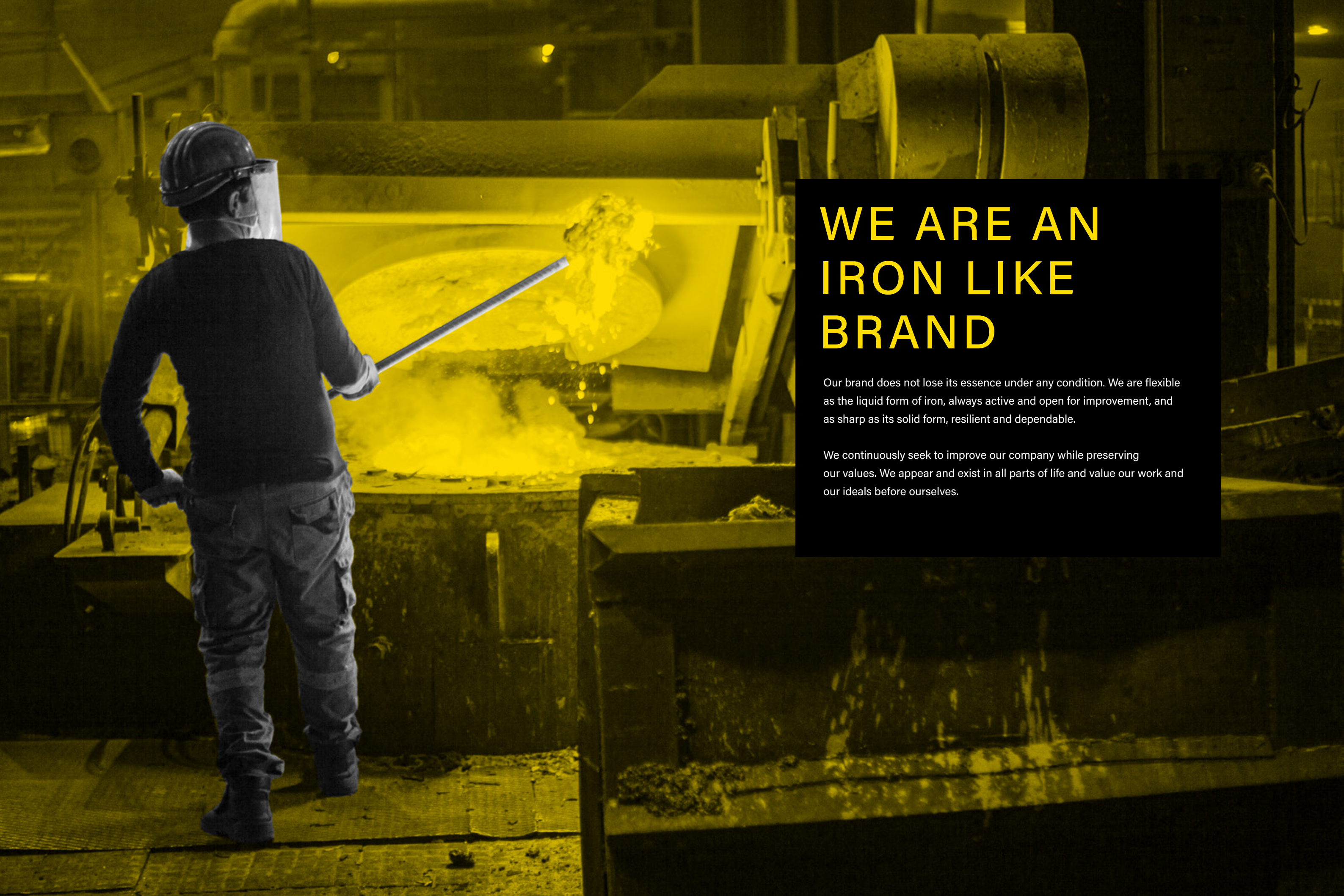




KUTES
THE NEW
IRON AGE



WE ARE AN IRON LIKE BRAND

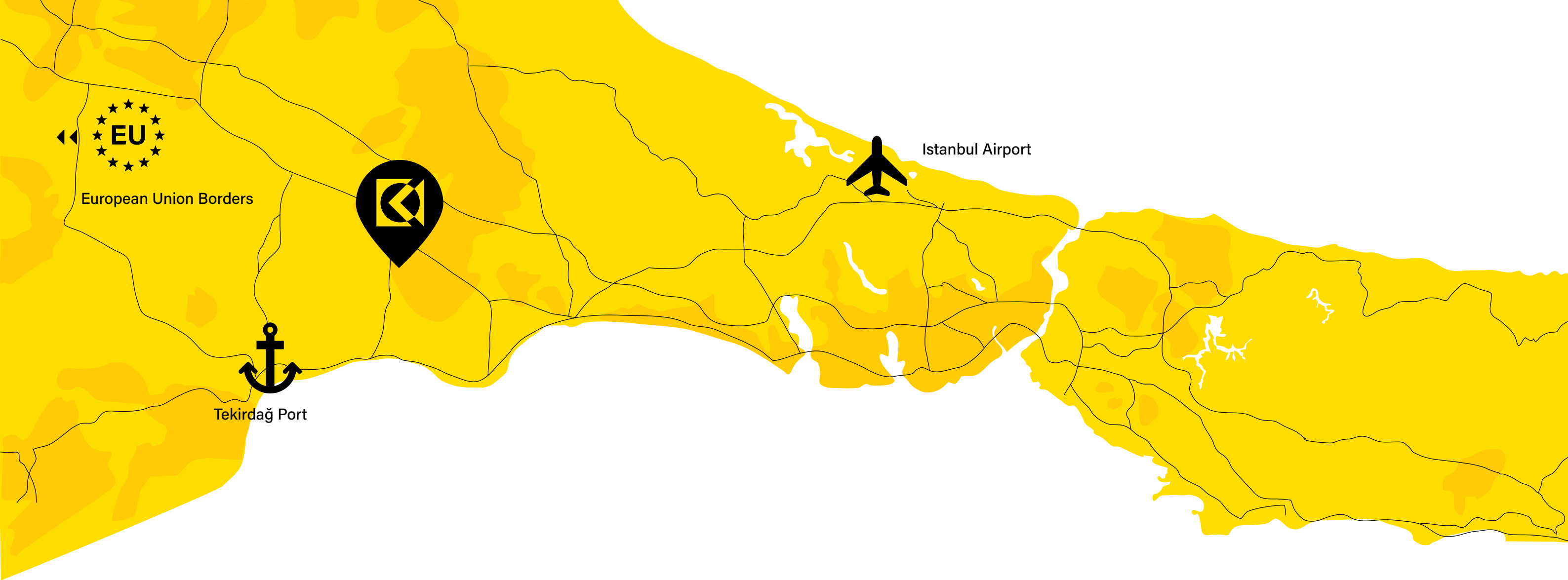
Our brand does not lose its essence under any condition. We are flexible as the liquid form of iron, always active and open for improvement, and as sharp as its solid form, resilient and dependable.

We continuously seek to improve our company while preserving our values. We appear and exist in all parts of life and value our work and our ideals before ourselves.

At **Kutes**, our work is much more than iron and our production operations.

In order to fulfill our responsibilities to our customers, to future generations and the world, we are working towards starting the **“New Iron Age”** at our facilities in **Terkidağ Çorlu** and leveraging our **30 years** history and the talent of our **350 employees**.





We are located between strategically Istanbul and the European Union in Turkey's third largest industrial zone, with a total of **207,000 square meter private industrial zone**, 30,000 of which are closed, **35 km from the sea port and 100 km from Istanbul Airport**, the world's largest airport.



35 km



100 km



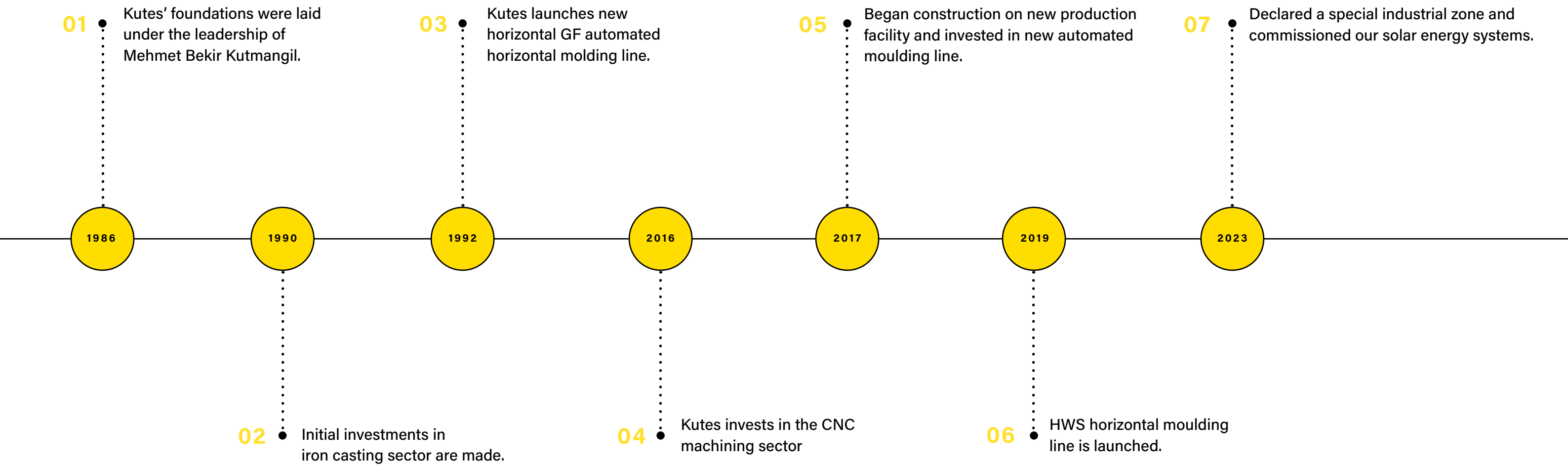
155 km



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We take pride in our financial stability, strong work performance, and wide product range. We adapt to innovations and new technology rapidly, and provide confidence to our customers and business partners with our 360 engineering approach.

OUR 30+ YEAR HISTORY PROVIDES US WITH THE EXPERIENCE NECESSARY TO NAVIGATE THE FUTURE AND FIND NEW PATHS TO HELP OUR CUSTOMERS SUCCEED.



WE CAN ACHIEVE
ANYTHING WITH OUR
WILL WHICH CAN
EVEN SHAPE IRON.





30
YEARS

30+ years of iron casting experience and 5 years of CNC machining experience.

9
SECTORS

We serve 9 different sectors.

12
CERTIFICATES

We have received a total of 12 quality certifications for our quality assurance system.

73 M
EUROS

We have completed investments of 73 million EUR over the past 6 years.

50.000
TONS

We have 50,000 tons of iron casting capacity and more than 100,000 hours of processing capacity.

3
CONTINENTS

Our products are sold on three continents and more than twelve countries including the USA, China, Italy, France and Germany

OUR QUALITY CERTIFICATES



IATF 16949 2016

Automotive Quality Management

ISO 45001 2018

Occupational Health and Safety Management System

ISO 14001 2015

Environmental Management Systems

ISO/IEC 27001 2017

Information Security Management

ISO 9001 2015

Quality Management System

ISO 50001 2018

Energy Management System



Deutsche Bahn Ag Qualification

(Approved German Railways Producer)



AD 2000-W 0

(Pressure Vessels Appropriate Manufacturer Company Certificate)

Ped 97/23 ec(ped)

(Quality assurance system complying with
pressure vessels directives)



Lloyd's Register

(Approved manufacturer for gray and nodular iron casting)



DNV

(Approved Gray and Iron Casting Manufacturer Certificate)



Zero Waste Certificate

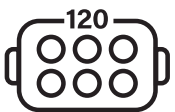
Governorship of Tekirdağ Provincial Directorate of Environment,
Urbanization and Climate Change

OUR IRON CASTING FACILITY:



CAPACITY

We have 16 tons of capacity per hour



MOULDING

Two horizontal moulding lines with 120 capacity per hour



NUMBER OF TONNAGE

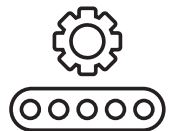
We realized 50,000 tons capacity

IN OUR Cnc machining FACILITY:



PROCESSING CENTER

We have 16 benches.



ASSEMBLY LINE



CAPACITY USE HOUR

Manufacturing capacity for 100,000 hours



USE OF GREEN ENERGY

60% green energy

TECHNICALITY

Production Moulding

Moulding Line 01	Moulding Line 02
Brand	Brand
Georg Fischer	HWS
Type	Type
Impact Standard IM S 1	Seiatsu EFA SD
Dimensions	Dimensions
800 x 600 x 250/250	900 x 700 x 300/300
Capacity	Capacity
120 mould hour	120 mould hour
Pooring	Pooring
Inductotherm Visipour P3 Automatic Tundish	HWS Pooring Unit
Sand Unit	Sand Unit
Georg Fischer	Eirich RV24 3000 Lt
Conveyors	Sand Control
Georg Fischer	QualiMaster AT1
Shakeout	Conveyors
Jöst	VHV
	Shakeout
	Jöst
	Cooling Tunnel
	Jöst
	Vibra Conveyors
	Jöst
	Shotblasting
	Wheelabrator

Production Melting

Melting Unit 01	Melting Unit 02
Brand	Brand
Inductotherm	Inductotherm
Type	Type
Dual Truck 2.250 KW	Dual Truck 3.500 KW
Capacity	Capacity
3 tons each x 4 unit	5 tons each x 4 unit
2* Progelta LTS (Laddle Transport system)	2* Progelta Magnesium Wire Treatment
- 16 Tons/ hours total melting capacity	

Production Core Shop

1 Unit DISA 40 L. Core Machine
1 Unit Hottinger 25 L. Vertical Core Machine
1 Unit Hottinger 20 L. Vertical Core Machine
3 Unit Hottinger 12 L. Horizontal Core Machine
Laempe 9 ton/ hour Sand Mixer
Laempe 5 ton/ hour Sand Mixer
Laempe Sand Dosing Unit
Laempe Central Amine Gas Unit
Lazyou Core Drying Oven
Proservice Arena All-in-One DT10X10 Core Paint

Production Shotblasting & Grinding & Scrap Preparation

Shotblasting

1 Unit Wheelabrator Continuous Drum Type
1 Unit Wheelabrator Single Loop Heavy Duty Hanger Type
1 Unit Georg Fischer Continuous Drum Type
2 Unit Endümak Hang Type
2 Unit Endümak Drum Type

Grinding

2 Unit KOYAMA P.S. Auto Grinding 400TTi 50 kg
2 Unit KOYAMA P.S. Auto Grinding 400i 20 kg
2 Unit KOYAMA P.S. Auto Grinding 500TTi 120 kg
Manual Grinding Units

Scrap Preparation

EURO EQUIP / YUATSUKI Runner Breaker

Production Machinery

2x DMG MORI NHX 5500 Horizontal Machining Center
2x DMG MORI NHX 6300 Horizontal Machining Center
1x DMG MORI NZX 2000/800 Horizontal CNC Turning Machine
1x DOOSAN PUMA GT2100MB Horizontal CNC Turning Machine
3x DOOSAN PUMA V8300M Vertical CNC Turning Machine
1x DOOSAN PUMA V8300 Vertical CNC Turning Machine
1x DOOSAN DNM5700 Vertical Machining Center
2x DOOSAN NHP6300 Horizontal Machining Center
3x KITARUMA HX630G/800 Horizontal Machining Center

Engineering Services

Pattern Design & Simulations

KUTES Metal, proficient in Novacast Solidworks Siemens NX software and offers alternative solutions in new product design through advanced computerized simulations.

- Novacast Simulation Program

- Solidworks

- Siemens NX

Materials

Nodular Iron Casting

EN GJS 400 18
EN GJS 400 15
EN GJS 500 7
EN GJS 500 14
EN GJS 600 3
EN GJS 700 2

Gray Iron Casting

EN GJL 150
EN GJL 200
EN GJL 250
EN GJL 300

Quality Laboratories

Measurement Laboratory

Zeiss Prismo 3D CMM
Zeiss Contura 3D CMM
Mitutoyo Formtracer S4C3000-D
Mahr Surface Roughness Measurement Device
DMG MORI UNO 20/70 Tool Measuremet Device
Tesa Hite Magna 400 Gage
Paint Thickness Measuremet Device

Material Laboratory

ARL 4460 Optic Spectrometer
OBLF Optic Spectrometer
NCS Carbon Sulfur Analysis
EMCOTEST Hardness Measuremet Device Dura Vision 40, (5 750 HB)
Microscope MP3 ADL OLYMPUS & Nikon Eclipse MA100
ALŞA Universal Tensile Strenght Measurement Device
ALŞA Notch Impact Test Device
GF Sand Test Equipments
NOVACAST ATAS Metstar Precision System
AXE-B11 3D Scanner – 3D tarayıcı

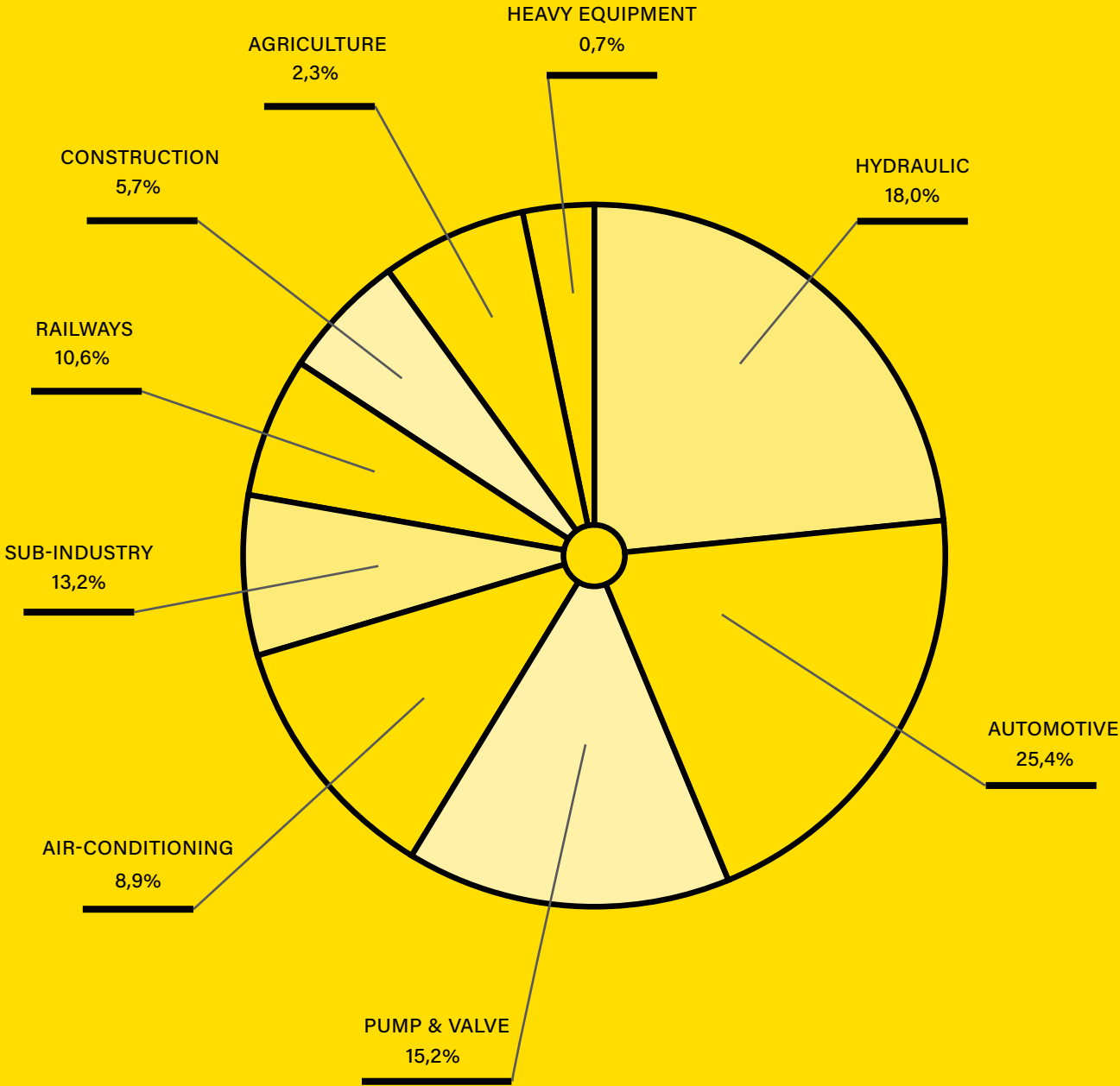
Filtration System

Garant Foundry Filter 570.000 m³
DISA Filter – Wheelabrator 15.000 m³
Nedermann OMF 5x4000+Combifab Oil Mist-Smoke Collector
Bomaksan Filter 36.000 m³

Renewable Energy

Çorlu Rooftop Solar Power Plant 200kWe /240kWp
Çorlu Rooftop Solar Power Plant
Kırklareli Land Solar Power Plant AC:9,28 MWe /13.13 MWp
Edirne Land Solar Power Plant AC:9,28 MWe /12.85 MWp

MARKET DISTRIBUTION 2022



KUTES LOOKS BEYOND THE PRESENT, POSITIONING FOR FUTURE GROWTH.

For the future, which we have deemed as the New Iron Age, we have planned new projects under our Kutes Operational Excellence Program.

TOTAL PRODUCTIVE MAINTENANCE

With TPM (Total Productive Maintenance) practices we aim to develop and strengthen the problem solving skills of our employees while actively ensuring participation in improvement activities and maximizing the efficiency of our production equipment.

INDUSTRY 4.0

With Industry 4.0, we strive to become the leader in the cast manufacturing sector while also increasing our production flexibility. We aim to concentrate on digitalization and quality management while establishing smart production lines.

INNOVATION

With continuous innovation being our motto, we will continuously move forward to better ourselves in product range, quality and supply periods while providing for our stakeholders.

OPERATIONAL SUSTAINABILITY

With a focus on continuous improvement, we will use our resources in the most efficient manner while responsibly minimizing our impact on the environment.

DIGITAL TRANSFORMATION

We will increase our agility by making our processes more observable, improvable and monitorable.

We take sustainable steps regarding energy use and natural resources, and are always looking to use technology to improve efficiency and be a leader in sustainable innovation.

At Kutes, we respect our planet and believe that every company should do their part to ensure a better future. We aim to become a leader in sustainability investments, while also working to make investments to reduce carbon energy use and protect the environment through sustainable projects.

We develop sustainability projects in order to create a positive effect on the environment in addition to social and economic benefits. We strive to use sustainable materials in our production, optimize our supply chain to reduce greenhouse gas emissions, and use solar energy to fuel as much of our operations as possible.

With this approach we aim to do our part by committing to sustainability as we incorporate this thinking into our every day work and practices.

With our quality policies, we aim to secure the satisfaction of our customers while emphasizing safety and quality in our efforts.



TO GREEN FUTURE WITH GREEN CASTING

Creating sustainable solutions to use energy and natural resources efficiently is not an option but a responsibility for us.

Our biggest goals are to be the pioneer of sustainable innovations in our sector and to change the idea that the casting industry is not eco-friendly.

We are currently working on projects such as using renewable energy sources, developing our facilities in harmony with nature and training sustainability conscious personnel.

We also incorporate sustainability into our future planning/targets.

We aim to be carbon neutral till 2033

We are taking steps to ensure that 90% of the energy used in our casting facilities comes from renewable sources.

We aim to complete ISO 14064 projects and ISO 50001 certification process in 2023, and CDP Reporting in 2024.

So why are we doing all of this?

Because we love what we do and we feel a responsibility to our world and our environment.

You can find our sustainability report here:



<https://www.kutes.com/media/u4ehnrjb/surdurulebilirlik.pdf>





**WE CONSIDER OUR
CUSTOMERS AS OUR
BUSINESS PARTNERS.**

At **Kutes** we have worked with customers from over
12 countries spanning **3 different continents**.

Our customers are diverse, ranging from large multinational
corporations to new and innovative startups.

Each customer represents an important and valuable
reference for us.

If you want to hear about our customers from us:
sales@kutes.com.tr

kutes.com

