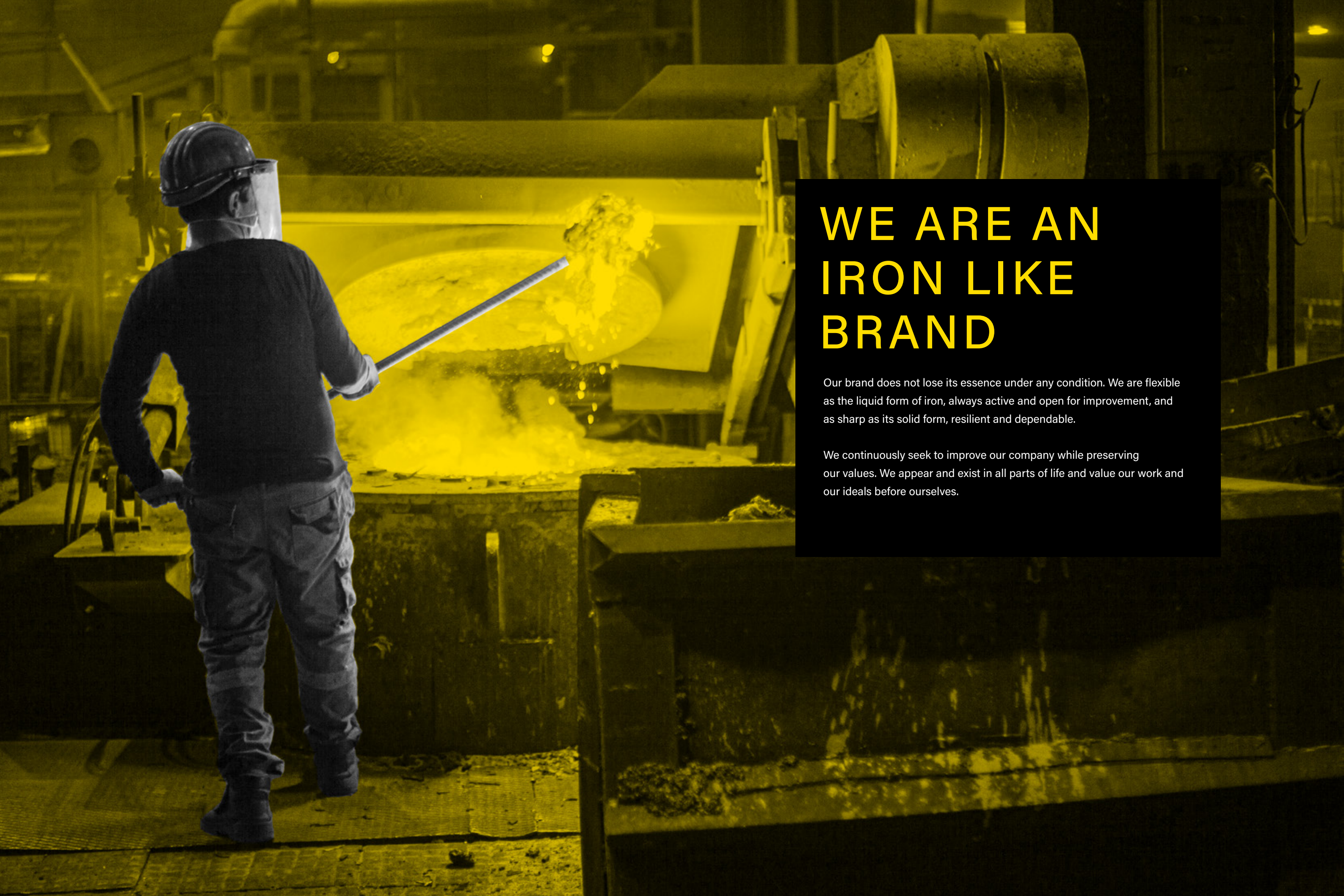




**KUTES**  
THE NEW  
IRON AGE





# 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.

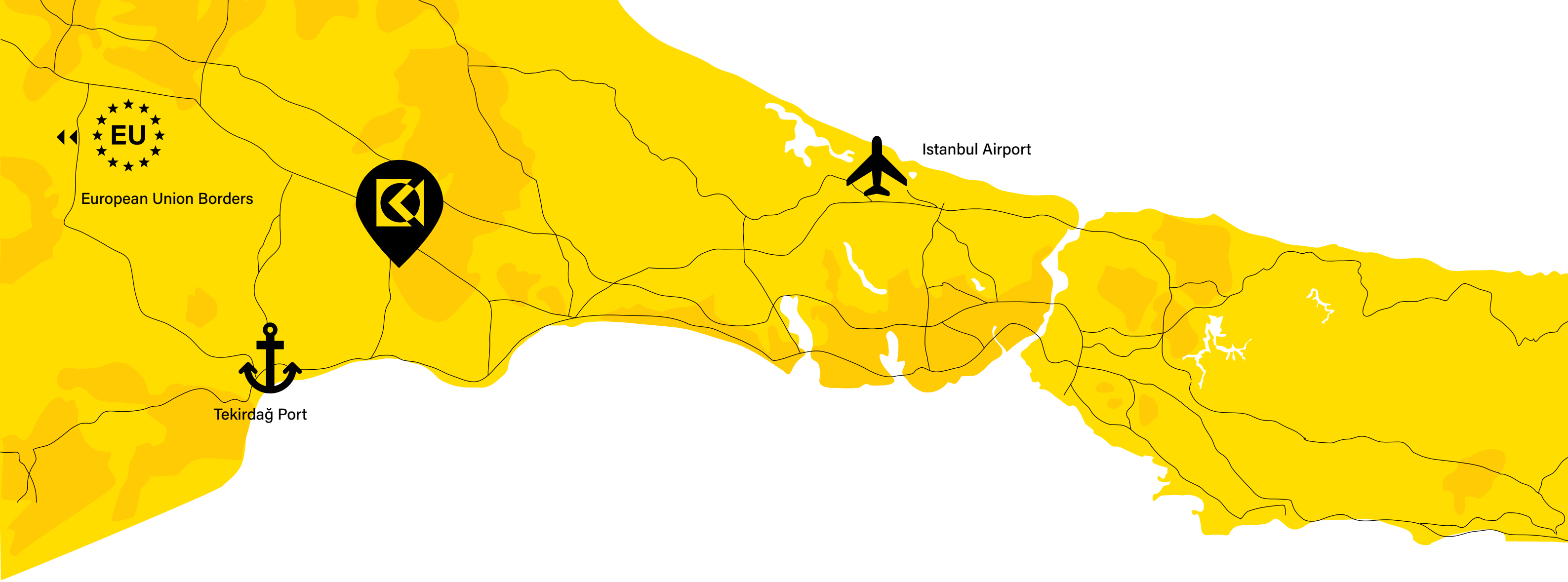


At **Kutes**, our work is much more than iron and our production operations.

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 nearly **350 employees**.







In **Turkey's third largest industrial zone**, we are located between Istanbul and the European Union as a **special industrial zone** with a total of **207,000 square meters**, 30,000 of which is covered. We are **35 km away from the sea port** and **100 km away from Istanbul Airport**, the world's largest airport, with the status of **Authorized Economic Operator (AEO)**.



35 km



100 km



155 km



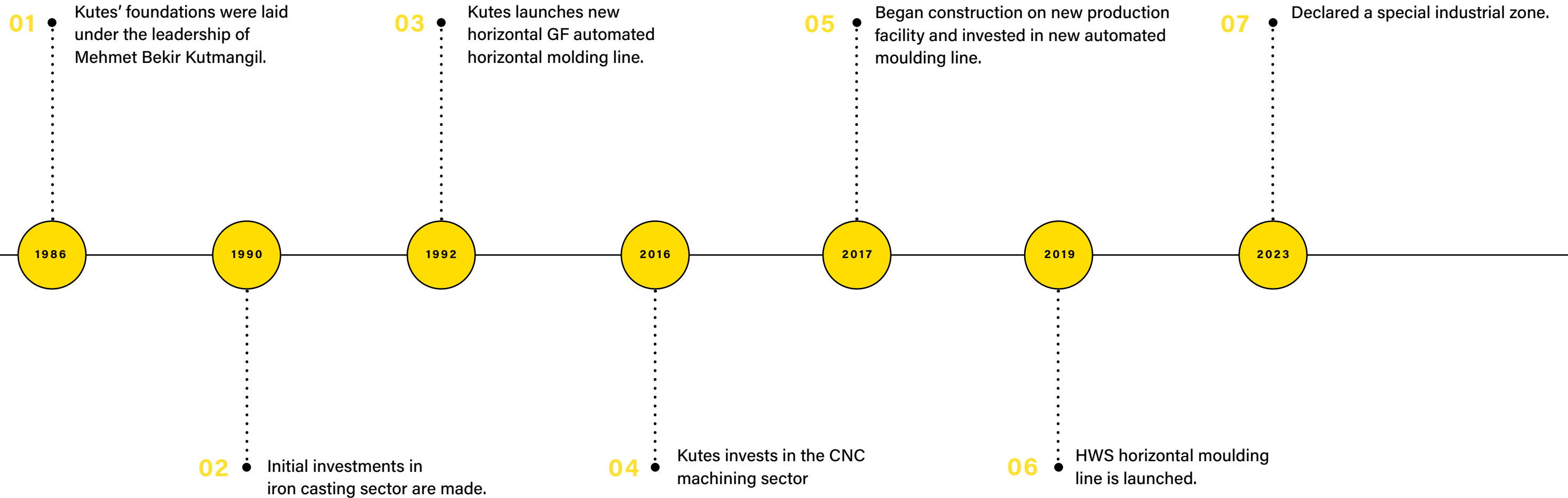


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We take pride in our financial stability, strong work performance, and wide product range. We adapt to innovations and new technology rapidly, and provide confidence to our customers and business partners with our 360 engineering approach.



# 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.

**15**  
CERTIFICATES

We have added a total of 15 certifications, 11 of which are quality certificates, to our quality assurance system.

**75 M**  
EUROS

We have completed investments of 75 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 machining 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**

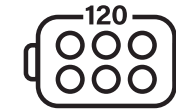
Governorship of Tekirdağ Provincial Directorate of Environment,  
Urbanization and Climate Change

## 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**

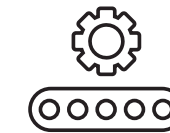
We realized 50,000 tons capacity

## IN OUR Cnc machining FACILITY:



**PROCESSING CENTER**

16 CNC machining centers



**ASSEMBLY LINE**



**CAPACITY USE HOUR**

Manufacturing capacity for 100,000 hours



**USE OF GREEN ENERGY**

60% green energy



# TECHNICALITY

## Production Moulding

### Moulding Line 01

Brand
Georg Fischer
Type
Impact Standard IM S 1
Dimensions
800 x 600 x 250/250
Capacity
120 mould hour
Pooring
Inductotherm Visipour P3 Automatic Tundish
Sand Unit
Georg Fischer
Conveyors
Georg Fischer
Shakeout
Jöst

### Moulding Line 02

Brand
HWS
Type
Seiatsu EFA SD
Dimensions
900 x 700 x 300/300
Capacity
120 mould hour
Pooring
HWS Pooring Unit
Sand Unit
Eirich RV24 3000 Lt
Sand Control
QualiMaster AT1
Conveyors
VHV
Shakeout
Jöst
Cooling Tunnel
Jöst
Vibra Conveyors
Jöst
Shotblasting
Wheelabrator

## Production Melting

### Melting Unit 01

Brand
Inductotherm
Type
Dual Trak 2.250 KW
Capacity
3 tons each x 4 unit
2* Progelta LTS (Ladle Transport system)

### Melting Unit 02

Brand
Inductotherm
Type
Dual Trak 3.500 KW
Capacity
5 tons each x 4 unit
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

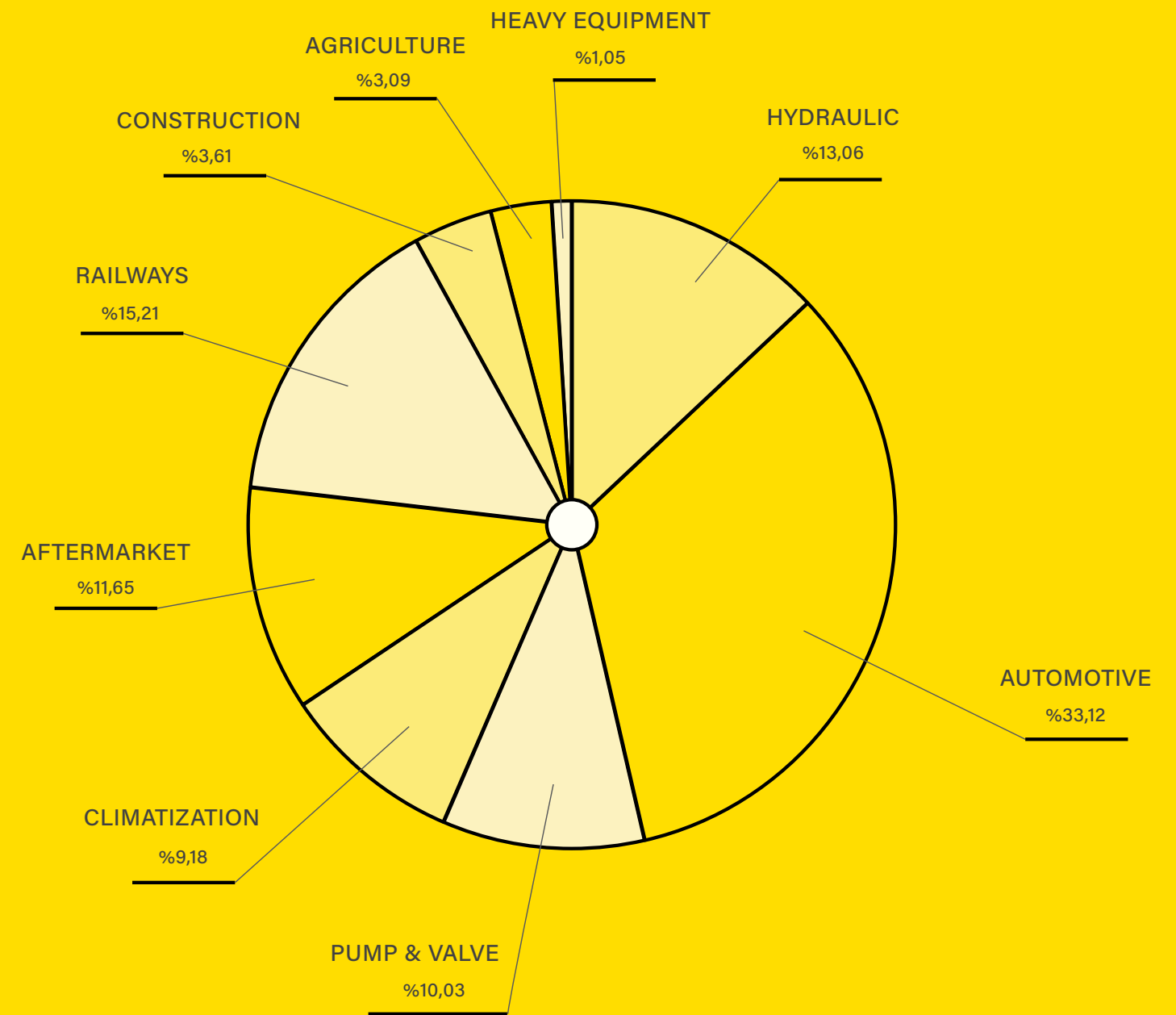
Garant Foundry Filter 570.000 m <sup>3</sup>
DISA Filter - Wheelabrator 15.000 m <sup>3</sup>
Nedermann OMF 5x4000+Combifab Oil Mist-Smoke Collector
Bomaksan Filter 36.000 m <sup>3</sup>

## 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 2023





# KUTES LOOKS BEYOND THE PRESENT, POSITIONING FOR FUTURE GROWTH.

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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.



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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 completed ISO 14064 projects and ISO 50001 certification process in 2023.

We aim to complete CDP Reporting in 2025.

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/u4ehnrjbj/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](mailto:sales@kutes.com.tr)**



[kutes.com](http://kutes.com)

