

KUTES

**THE NEW
IRON AGE**

HAVE YOU HEARD OF...

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After 3200 years, it is finally possible to talk about **the new iron age**.

We are at the edge of a brand new age where we work to build a new future with the promise of doing the best for our industry and our world.



**THE NEW IRON AGE
STARTS WITH **SUSTAINABILITY.****

No surprise, right?



NATURE SHOWS THE WAY.

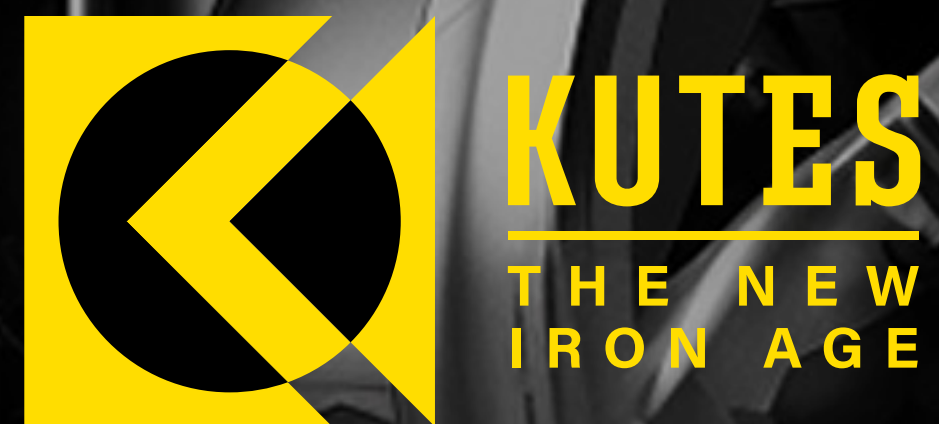
We can't continue our lives the way
we are used to live.

Hence, we listen to nature, follow the signs and
define our route.

This route is putting "**sustainable casting**"
at the center of our work and
making the "**fight against climate crisis**" our priority.



AND WHO ARE WE AGAIN?



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Apologies for directly starting with hot topics. It's a result of our enthusiasm.

Our name is **Kutes** and we define ourself as an iron like brand that brings novelties to one of the oldest industries in the world: Iron casting.

MORE THAN 30 YEARS IN LESS THAN 60 SECONDS.

Kutes was founded in **1986** by **Mehmet Bekir Kutmangil**.

We carried our first casting in **1992**.

In **2016**, we expanded our operations **by investing in a machining facility**.

This year, we are at our **37th year in iron casting and 6th year in CNC machining**.

In 2023, our production facilities are recognized as a **special industry zone** and we expanded our operations further by **investing into sustainable energy with solar power plants**.

WHAT ABOUT TODAY?

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We are in Turkey's **third largest industrial zone** with a total of **207,000 square meters** of facilities.

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



WE EMPOWER LIFE.

As a main supplier of the automotive, hydraulics, agriculture, machinery, railroad, pump and valve industries...

...we produce more than **2 million parts per year** with our **12 quality certifications**.

RECYCLING FOR FUTURE



Think of foundries as recycling facilities.

This year, we will increase the ratio of scrap and peak in furnace charge to 76% and 24%.

We utilize each grain of sand about 50 times.

We work on clay and sand reclamation system technologies.

All of these efforts have been crowned with the Zero Waste certification.

Scan the QR code to reach our sustainability report




NOW JUMP FORWARD TO SUSTAINABLE CASTING.

We implemented our Sustainability Management System.

We established our Sustainability Committee and ensured the highest level of standards.

We set the Sustainable Development Goals of the United Nations as our priority goals.

In 2022, we publicly announced our first GRI-approved Sustainability Report.



LET'S TALK ABOUT SOME "GREEN" NUMBERS.

Reducing our exhaust gas emissions to **5 ppm** with dust collection systems investment.

Finalizing **240 kWh** rooftop Solar Power Plant investment.

Commissioning **30 MW** terrestrial Solar Power Plant investment.

Procuring **90%** of the energy we consume from renewable sources.

SAVING MORE THAN 450,000 TREES EACH YEAR FEELS GREAT.

Annual reduction of up to 24,500,000 tons in carbon emissions.

Reducing our energy consumption with the help of energy analyzers.

Gradually replacing our vehicles with electricity ones in 5 years.

Received ISO 50001 certification & completed our ISO 14064 infrastructure work.

Planning to share our Carbon Disclosure Project (CDP) platform in 2024.



BECOMING CARBON NEUTRAL IS NOT ENOUGH.

First, we aim to be **carbon neutral** by 2033 and then
become **carbon negative** by planting 1 million saplings in 10 years.



SUSTAINABILITY IS NOT ONLY ABOUT THE ENVIRONMENT.

Human resources are our most important asset.

We provide equal and fair opportunities without discrimination.

Gender Equality Program Certificate.

Our training programs in 2022:

- 550 hours of training to 332 employees for development
- 285 employees with 4,560 hours of occupational health and safety training

RESPONSIBILITY SHOULD HAVE NO LIMITS.

In cooperation with the Turkish Education Foundation:
Scholarships to university students in our industry.

Vocational training and employment to youngsters in our region.

Factory trips, scholarships, internships, and employment
after graduation to the students in Tekirdağ.



OPERATIONAL EXCELLENCE

We focused on these points in 2022 for operational excellence:

- Total Productive Management / Maintenance (TPM)
- Operational sustainability
- Innovation
- Industry 4.0
- Digital transformation activities

BECOMING FUTURE READY, STARTING FROM TODAY.

With our **240 kWh** rooftop Solar Power Plant investment, we saved **159,843 tonnes CO₂** in 2022.

With our **30 MW** terrestrial Solar Power Plant investment, we will procure **90%** of our energy from **renewable sources**.

With our update of **Atlas Copco** compressors, we enabled **1,500 MWh** energy saving annually.

With our **Euroequip Riser Breaking Machine** we increased our energy efficiency by **4% in melting**.

With our **Core setter for HWS-Entra Robot**, we will **decrease defects by 50%** in heavy cores.

With our **Progetta Telescopic Crane System**, we increased our **production speed by 15%**.

We increased our **recycled material** usage in melting to **45%**.

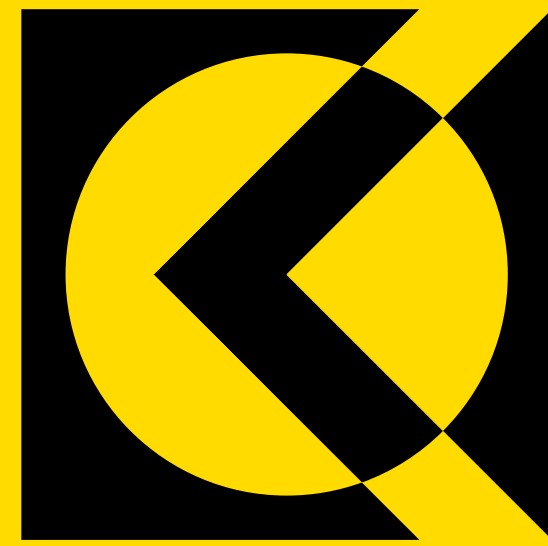


AI-RON

What's next in our journey?

- Big Data by increasing data diversity with IoT
- Precision and efficiency studies with AI technology
 - Transition to cloud technologies
 - All data in one digital platform
- Digital twins of our facilities through 3D scanning

**HOPING TO MEET YOU IN
THE NEW IRON AGE...**



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