

The Future of the Turkish Metal Casting Industry

Let's explore the future of casting together



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Content

- ❑ TÜDÖKSAD Overview
- ❑ Global Standing of Turkish Metal Casting Industry
- ❑ Emerging Trends and Innovations
- ❑ WFC 2026: Istanbul's Role in Shaping the Future of Metal Casting





TÜRKİYE DÖKÜM
SANAYİCİLERİ
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ASSOCIATION

TÜDÖKSAD

Brief History



26 October 1976

- It was founded under the leadership of Turgut ÖZAL, one of the industrialists of the period and the 8th President.



June 12, 1996

- The phrase "Turkey" has been added to its title with the Council of Ministers' decision.



May 11, 1989

- Have become a member of the WFO-World Foundry Association to represent Turkey, with the Council of Ministers' decision.



June 4, 2007

- Have become a member of the EFF-CAEF European Foundry Federation.



The World
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Organization



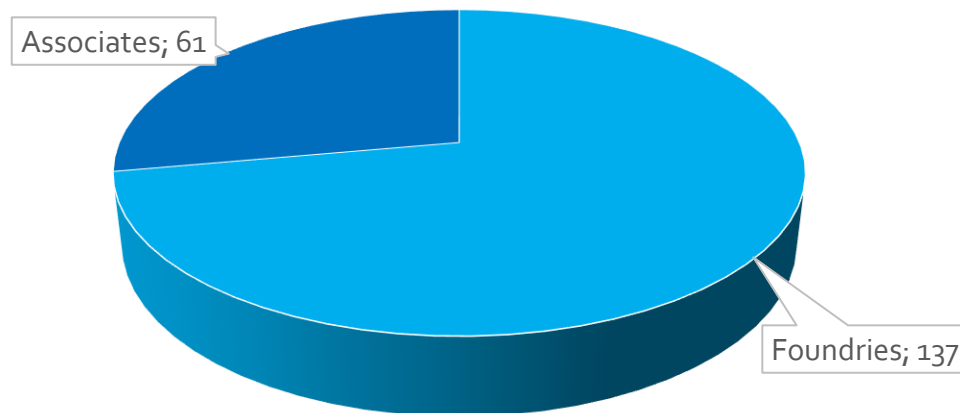
The European
Foundry Association



TÜDÖKSAD

Member Profile and Sector Representation

Member Profile



85%

**Share of the production realised
by TÜDÖKSAD Members**

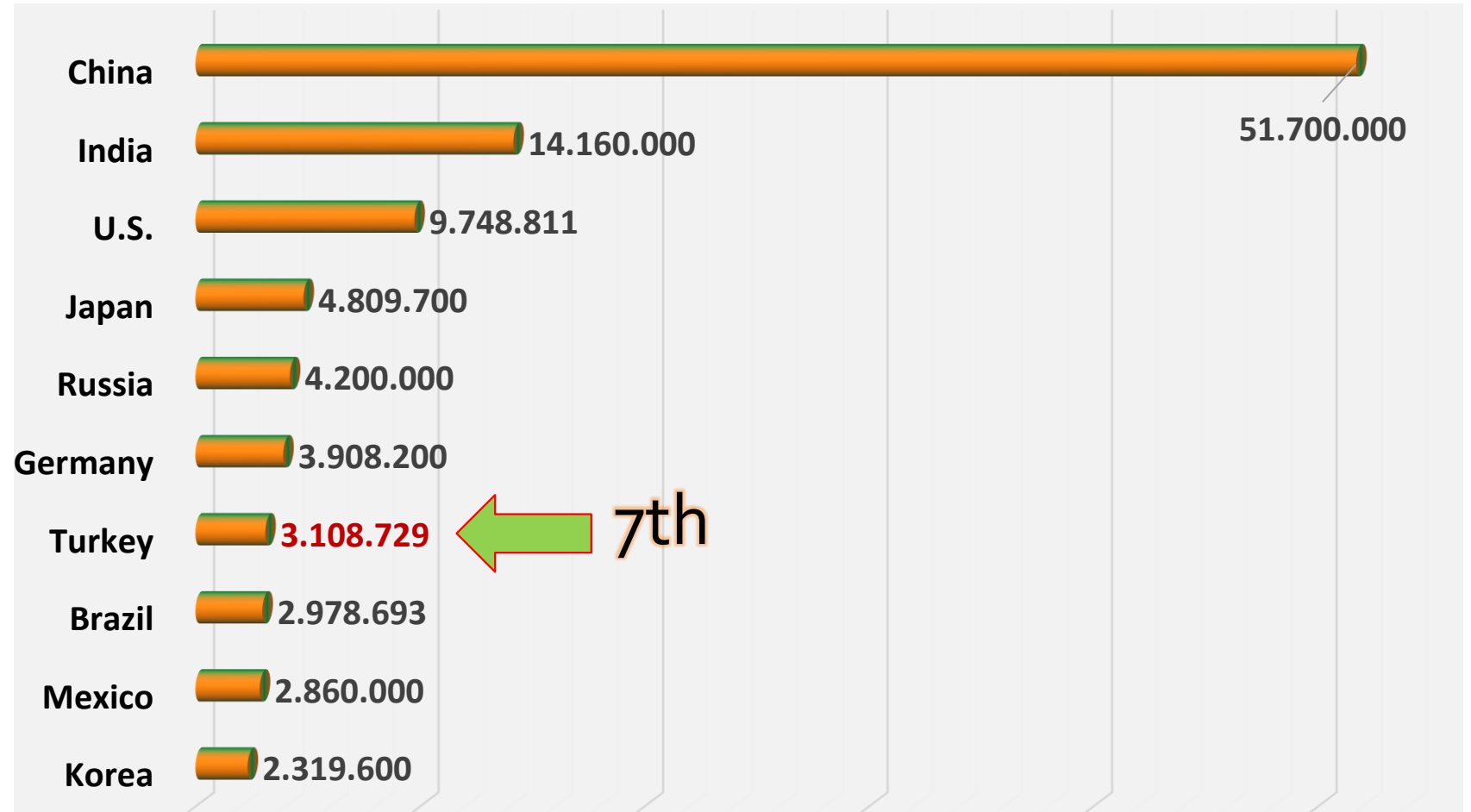
90%

**Share of the exports realised
by TÜDÖKSAD Members**

Turkish Metal Casting Industry

Sector's global
position

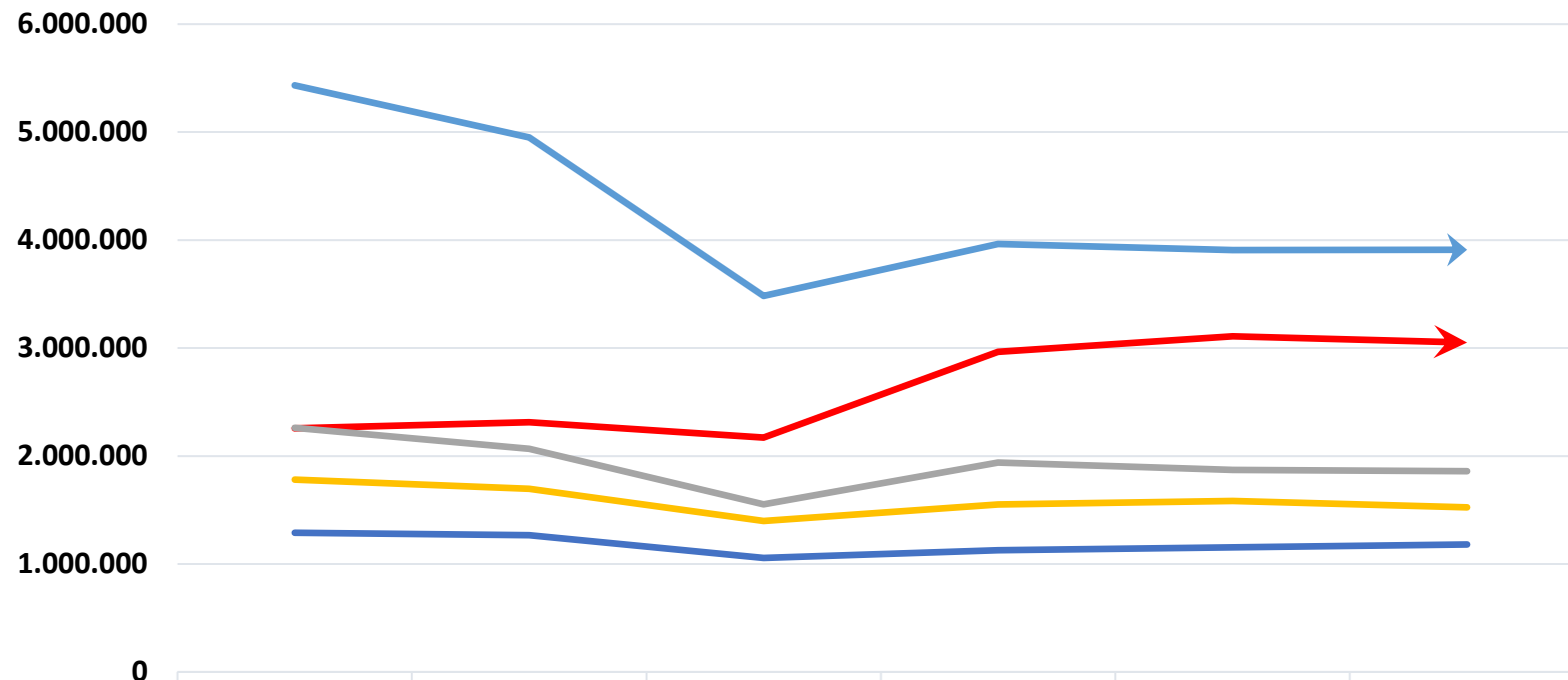
World Metal Casting Production Ranking - 2022 (thousand tonnes)



Turkish Metal Casting Industry

Sector's global
position

European Metal Casting Production Ranking (tonnes/year)



	2018	2019	2020	2021	2022	2023
→ Germany	5.432.999	4.951.011	3.482.883	3.964.500	3.908.200	3.911.700
→ Türkiye	2.255.287	2.314.245	2.170.759	2.963.500	3.108.700	3.050.400
— Italy	2.261.196	2.067.699	1.552.209	1.939.300	1.871.600	1.860.000
— France	1.781.212	1.696.743	1.398.107	1.552.300	1.584.800	1.523.700
— Spain	1.288.895	1.267.207	1.055.783	1.128.500	1.153.400	1.181.600

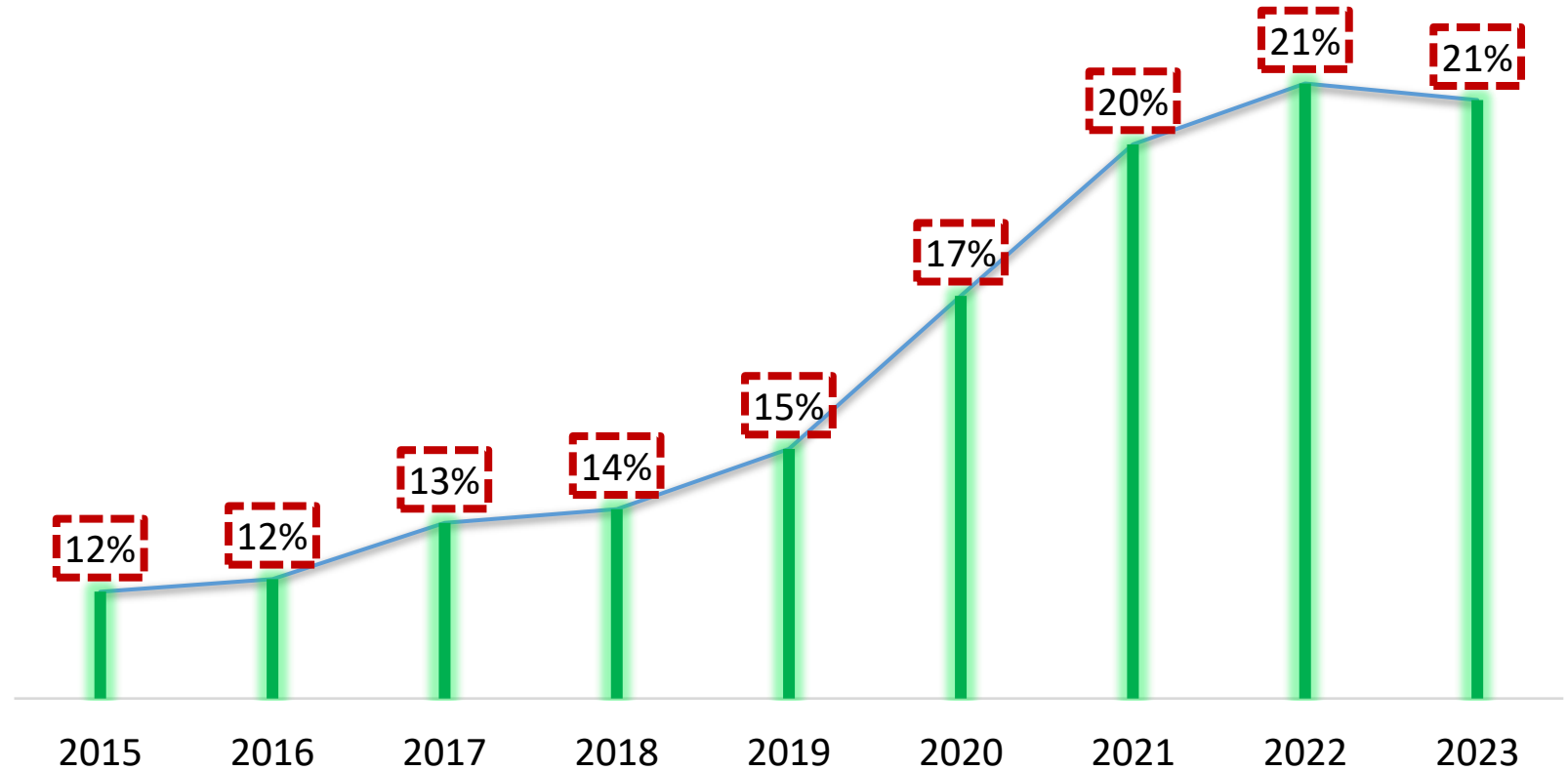
Source: CAEF

Turkish Metal Casting Industry

Sector's global
position

European Metal Casting Production Ranking

Turkey's Share in EU Metal Casting Production

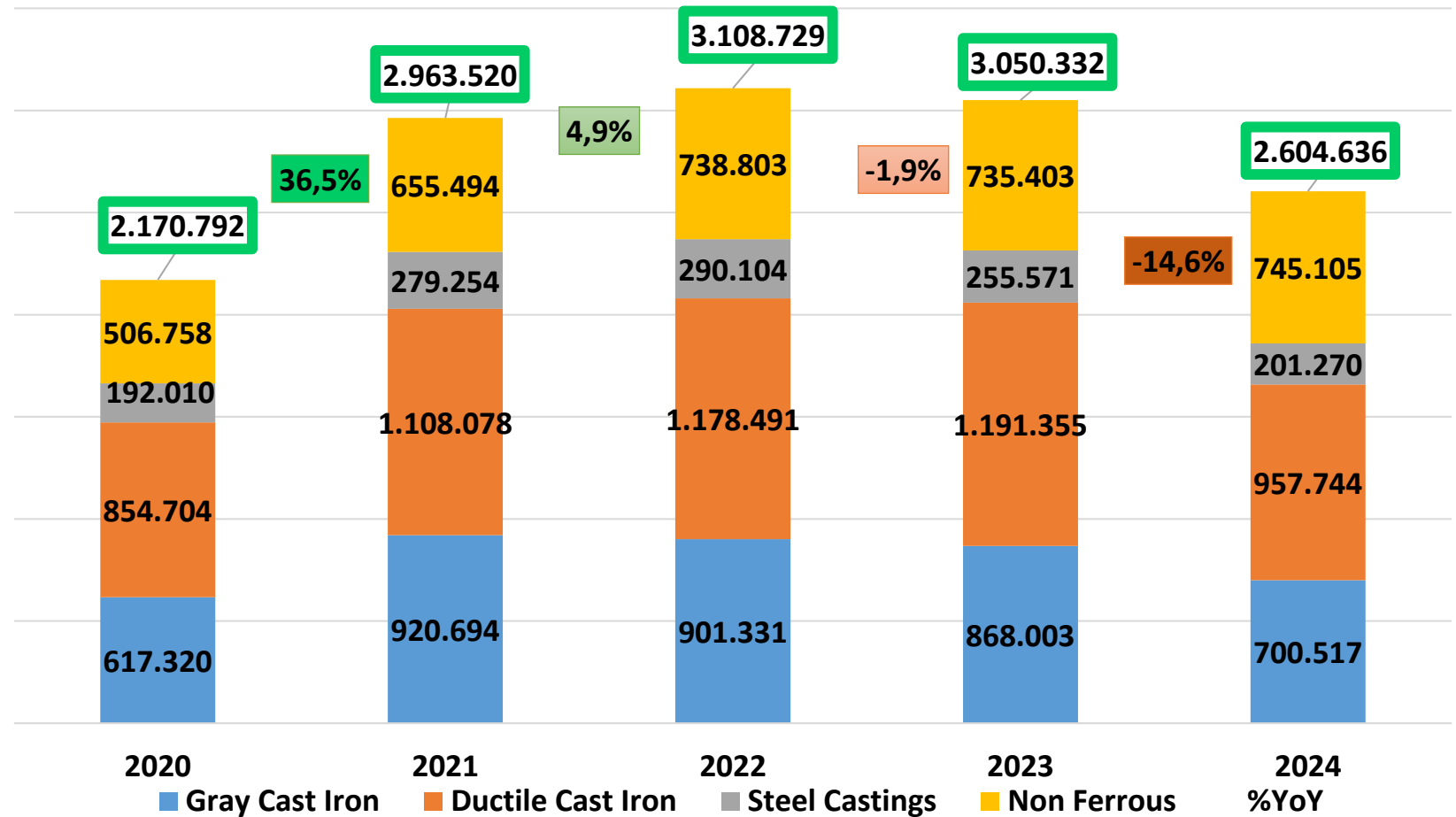


Source: CAEF

Turkish Metal Casting Industry

Production and Export Data

Turkey Metal Casting Production Annual Production Breakdown (tons/year)



Source: TUDÖKSAD

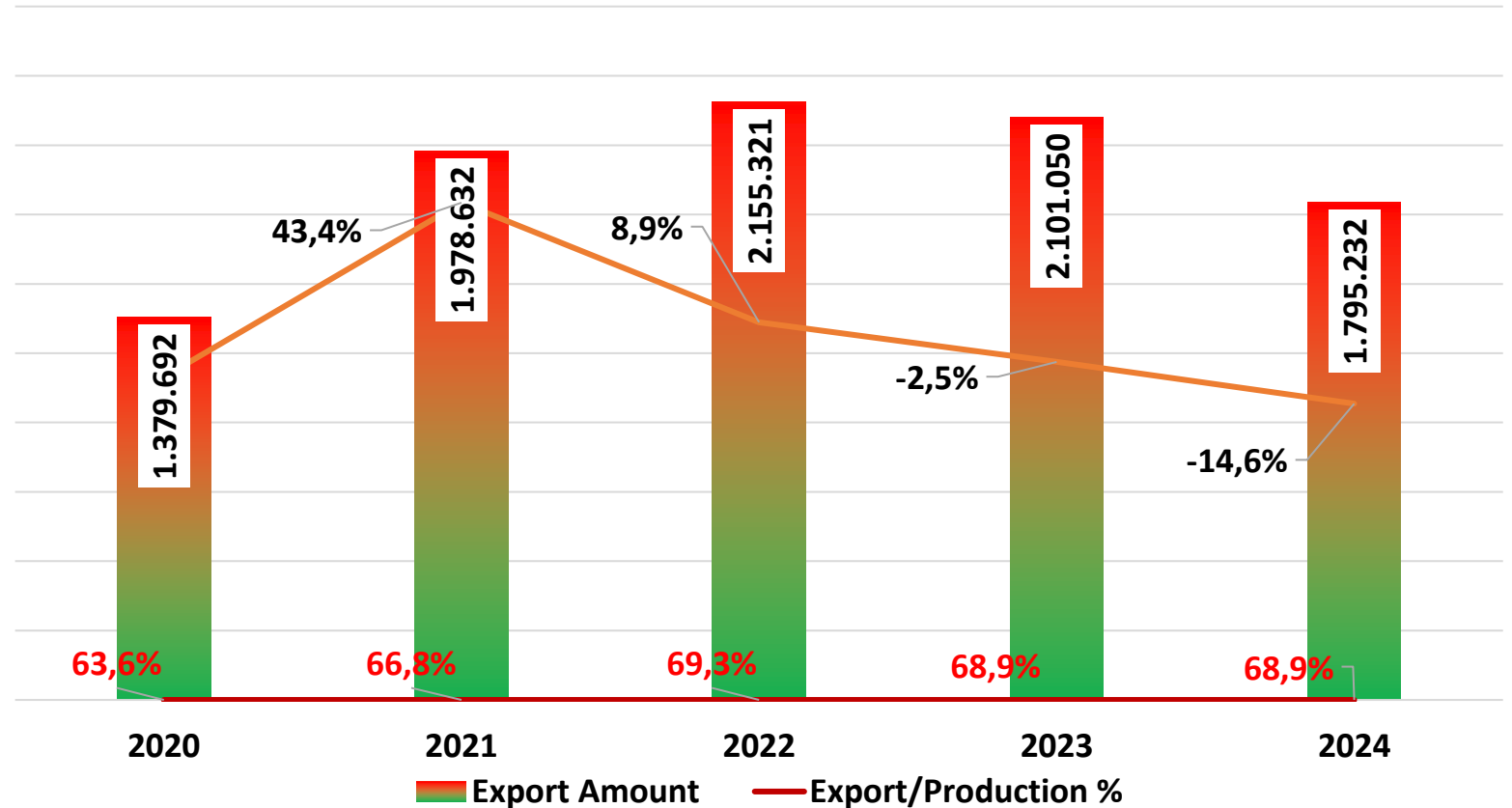


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Turkish Metal Casting Industry

Production and Export Data

Turkey Metal Casting Industry Exports (tonnes/year)



← %30 →



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Source: TÜDÖKSAD

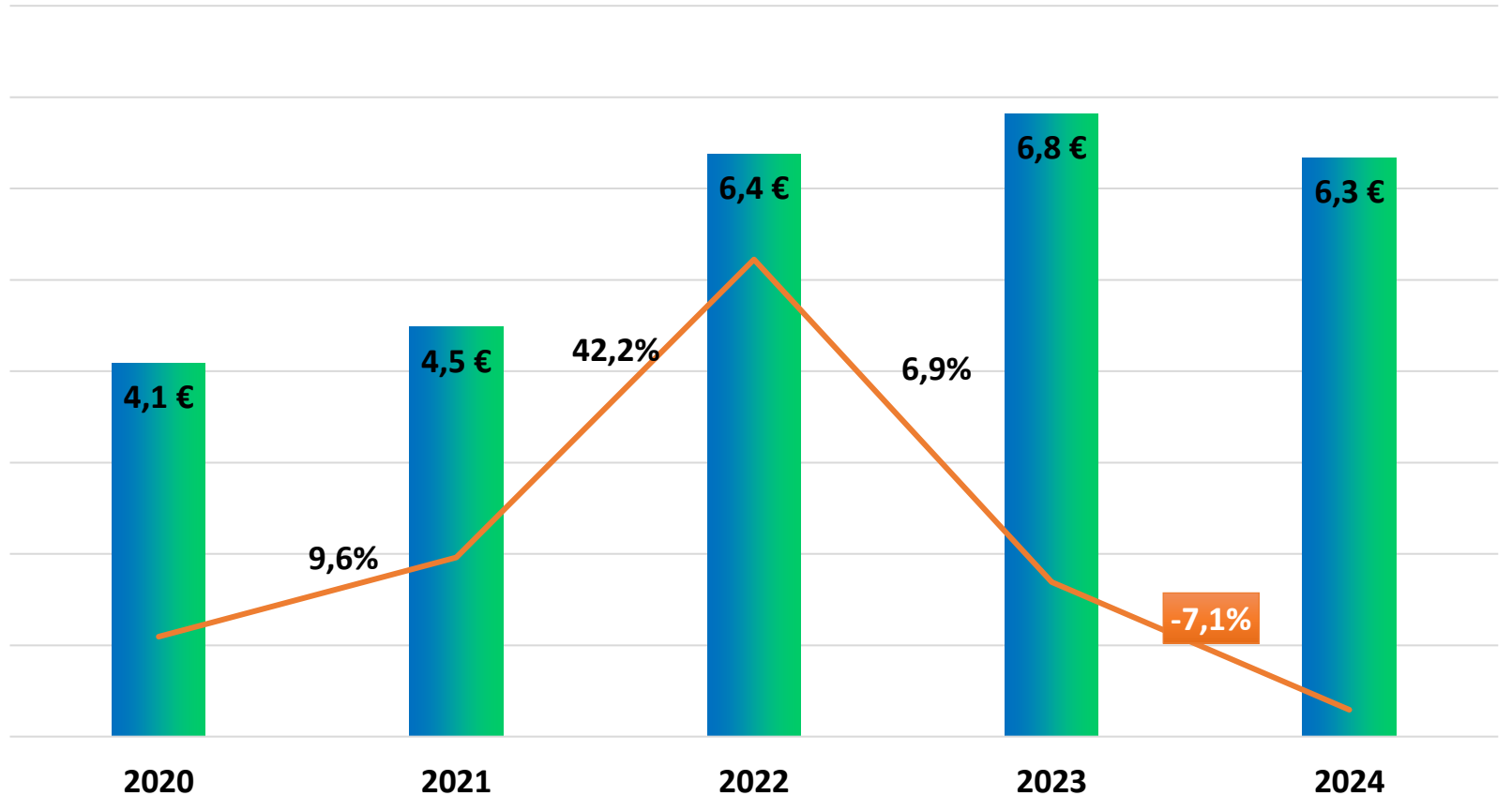


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Turkish Metal Casting Industry

Production and Export Data

Turkish Metal Casting Industry Export Value (€ billion/year)



← %55 →



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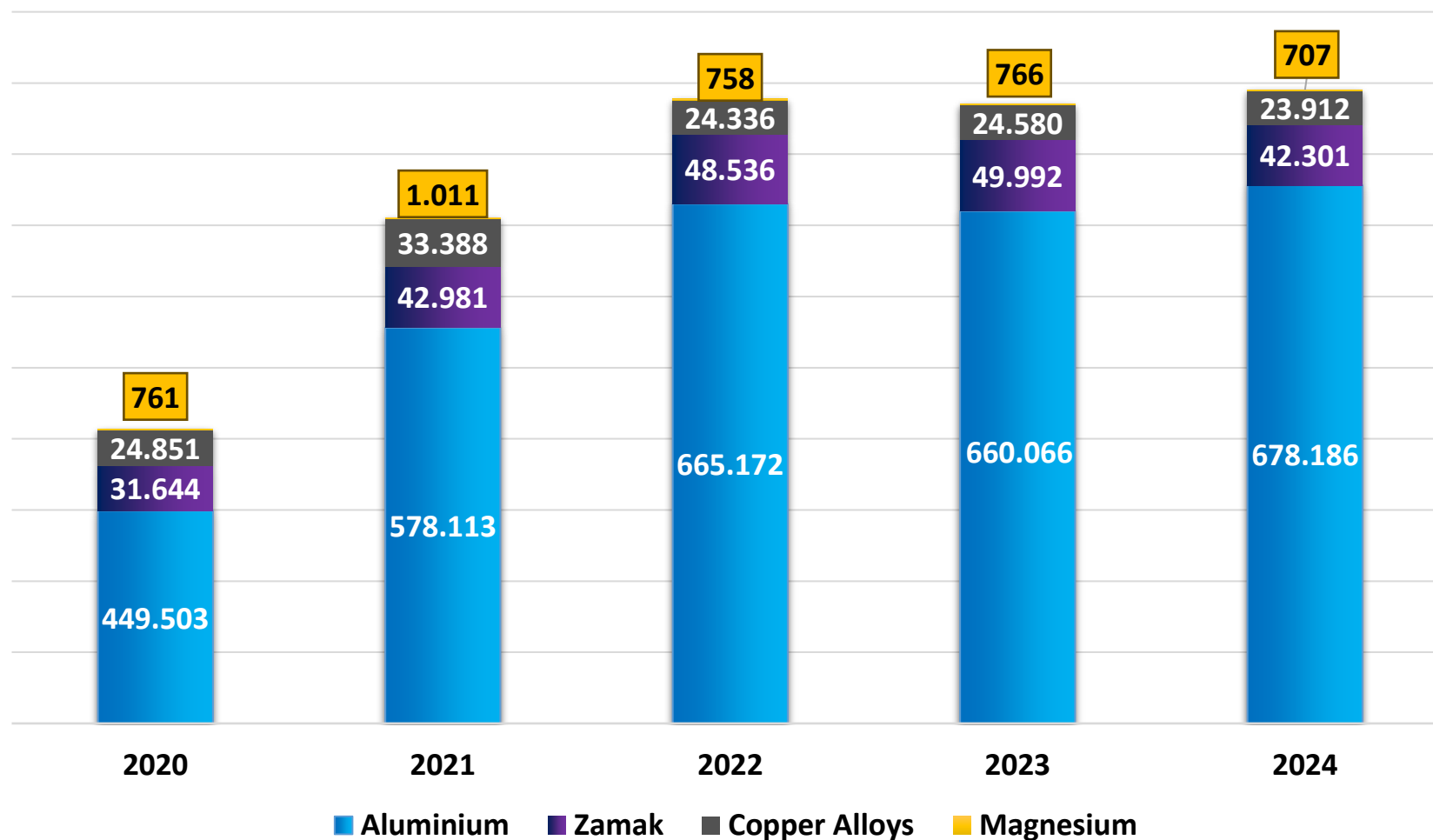
Source: TÜDÖKSAD



Turkish Metal Casting Industry

Production and Export Data

Turkish Non Ferrous Casting Production (tons)



Source: TUDOKSAD

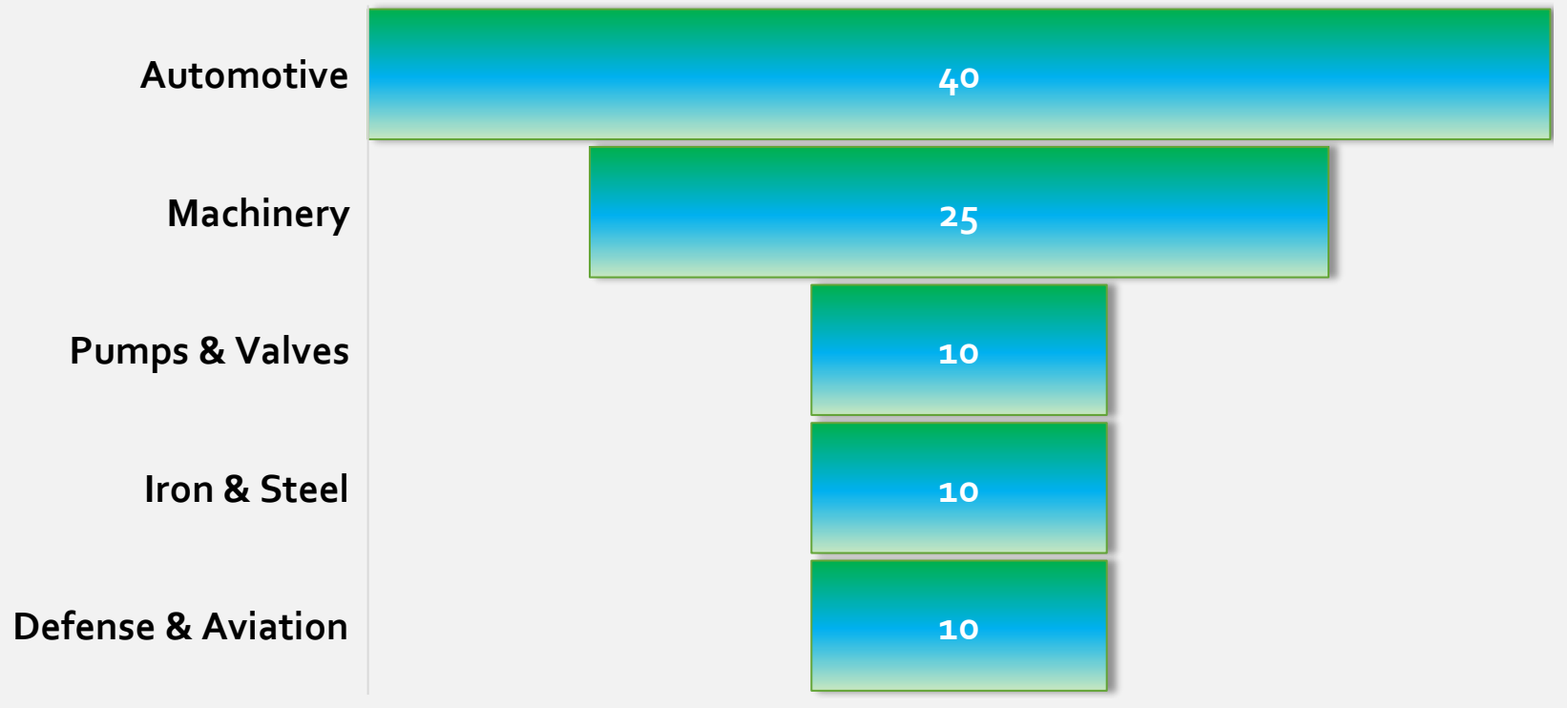
Turkish Metal Casting Industry

Portfolio

Turkish Metal Casting Industry

Production Portfolio of the Metal Casting Industry

■ (% of total)



Turkish Metal Casting Industry

Current Trends



The Turkish metal casting industry is growing stronger in both local and global markets by embracing cutting-edge trends and technologies that are shaping the future of the industry.



Technology & Innovation: Sustainability, digitalization, and cost efficiency are now the driving forces behind the transformation of the metal casting industry.

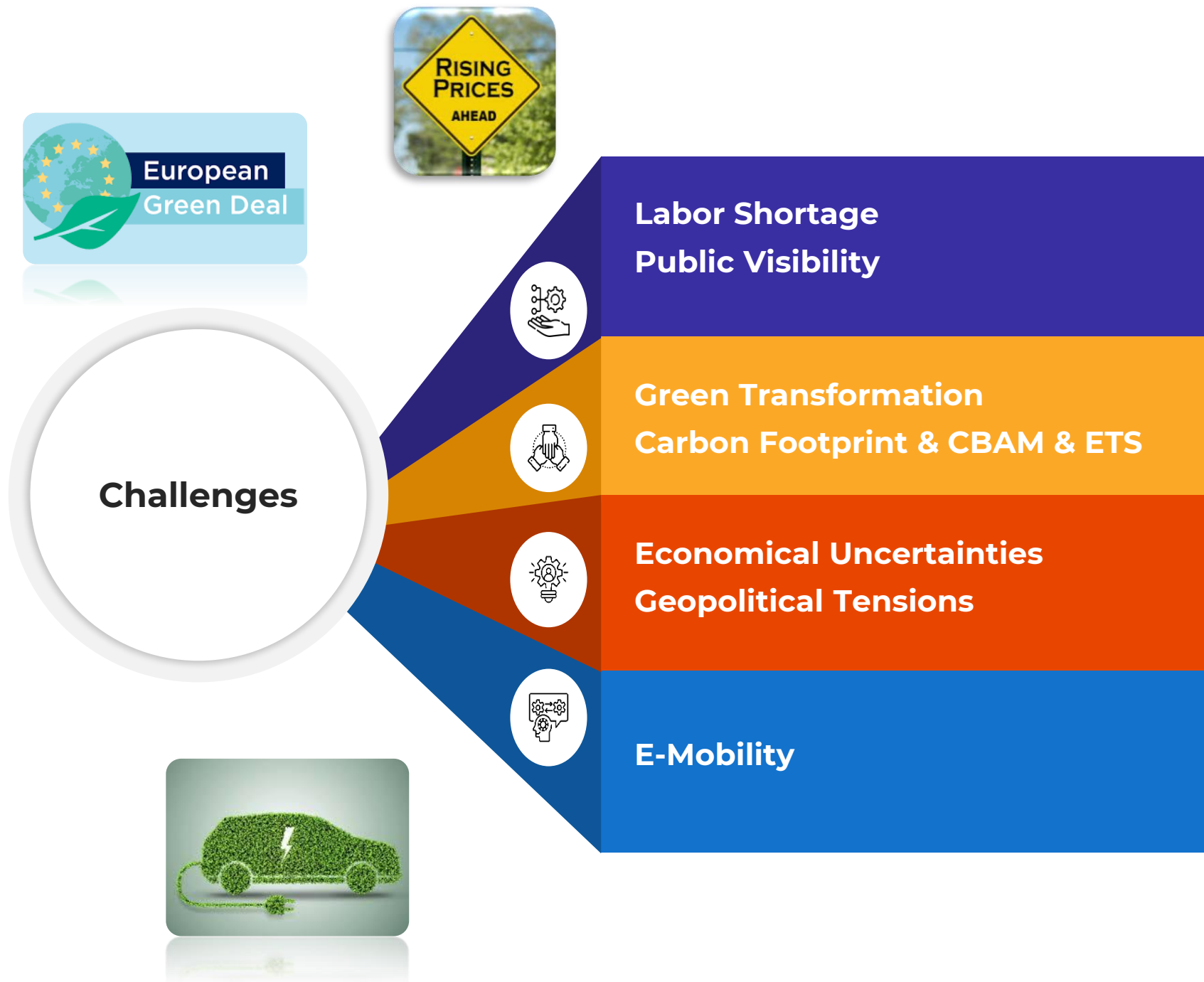


Now we explore the latest trends shaping the future of the industry.



Turkish Metal Casting Industry

Current Trends



Turkish Metal Casting Industry

Initiatives



Attracting Young Talents

- We aim to attract young talent to the foundry sector through initiatives such as internships, scholarships, and the Foundry Academy.



Strengthening Global Connections

- By participating in key events, we aim to expand market opportunities and build long-term collaboration worldwide.



Driving Sustainability

- We supports green transformation through projects within working groups focused on reducing carbon footprint, ETS regulations and CBAM.



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CHROMAFOR

Circular Economy
Management in the
Metal Casting Industry

<https://chromafor.eu/>

CHROMAFOR

**Skills and competencies
for a Circular Human Resources Management
in the Foundry sector**

Objective
The CHROMAFOR is an European project that aims at supporting the transition of European foundries, from a lineal and traditional human resources management model to a Circular Human Resources management model, which will improve the regeneration of skills and competencies in the working place and favours a circular and sustainable economy of both for the company and the workers, and their organizational models

chromafor.eu
Project number: ERASMUS+ 2020-1-ES01-KA202-081908
Effective date: October 1st 2020 • Duration: 24 months



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ASKCHEMICALS



AVEKS



EXPERT



HAZNEDAR DÜRER
REFRACATORIES
a member of Cellego



Heraeus
Electro-Nite



TOSÇELİK Profil ve Sac



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DIGIFOUNDRY

Digital Foundry Training Platform Project

2024-1-TR01-KA220-VET-
000251516



The **DigiFoundry** Project aims to improve the vocational training and skills of young people and sector employees to strengthen employment in the foundry sector.



With this project, it is aimed to meet the need for skilled labor in foundries by developing a user-friendly and interactive **digital training platform** to go beyond traditional training methods.



Project Partners:

Turkish Foundry Association
TÜDÖKSAD

Istanbul Minerals and Metals Exporters
Association

Spanish Foundry Federation FEAF

Polish Foundry Chamber of Commerce

Brno University of Technology Czechia



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World Foundry Centenary Congress Istanbul 2026



A Century of Innovation:
Shaping the Future
Together

19-25 September 2026



Istanbul: Ideal location for the World Foundry Centenary Congress

19 - 25 September 2026

- **Global Gateway with 300+ Destinations**
International travel connectivity with two major airports and over 300 destinations worldwide.
- **Event-Ready City: Infrastructure for Any Occasion**
A well-developed event infrastructure, from modern venues to an extensive public transportation system, including the Eurasia Tunnel: the world's first road tunnel to cross two continents.
- **Istanbul's Foundry Industry: Powering Diverse Sectors**
Strong foundry industry with >300 foundries, supporting sectors like automotive, defense, and energy.
- **Cultural Mosaic: Istanbul's Rich History and Warm Hospitality**
Unique cultural experience, blending history, tradition, and a welcoming community.





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/Turkish Foundry Association



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