



HP Die
Casting



Gravity Die
Casting



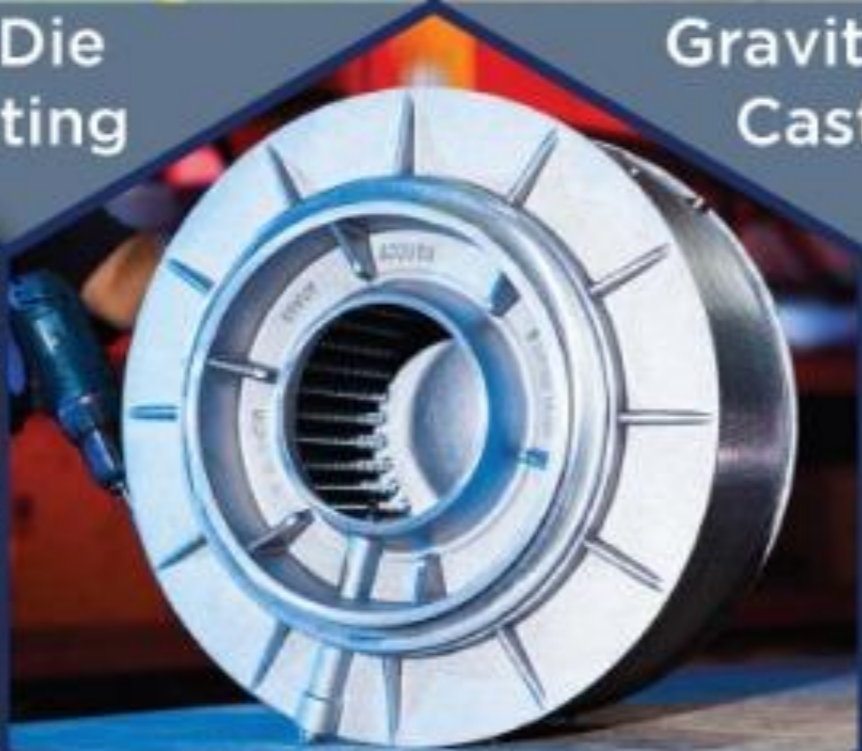
Sand Casting



LP Die Casting



Coating



Welding and
Assembly
Line



Pressure
Testing



Tool Design and
Simulation



Painting



CNC
Machining



Heat
Treatment



Integrated
Toolshop



ŞİRVANLI

1980

Alüminyum Döküm ve Metal İşleme San. A.Ş.

we are growing...

- Austria
- Bahrain
- Czech Republic
- Denmark
- Finland
- France
- Germany
- Hungary
- Italy
- Morocco
- Netherlands
- Oman
- Poland
- Qatar
- Slovakia
- Spain
- Sweden
- Switzerland
- United Kingdom
- UAE



About Us



Company Summary

Establishment : 1980

Location : Turkey/Kocaeli/Gebze

Factory(1) : 9000m2 (since 2009)

Factory(2) : 2500m2 (since 2019)

Business area : Aluminium Casting and Machining

Type of Business : Family owned

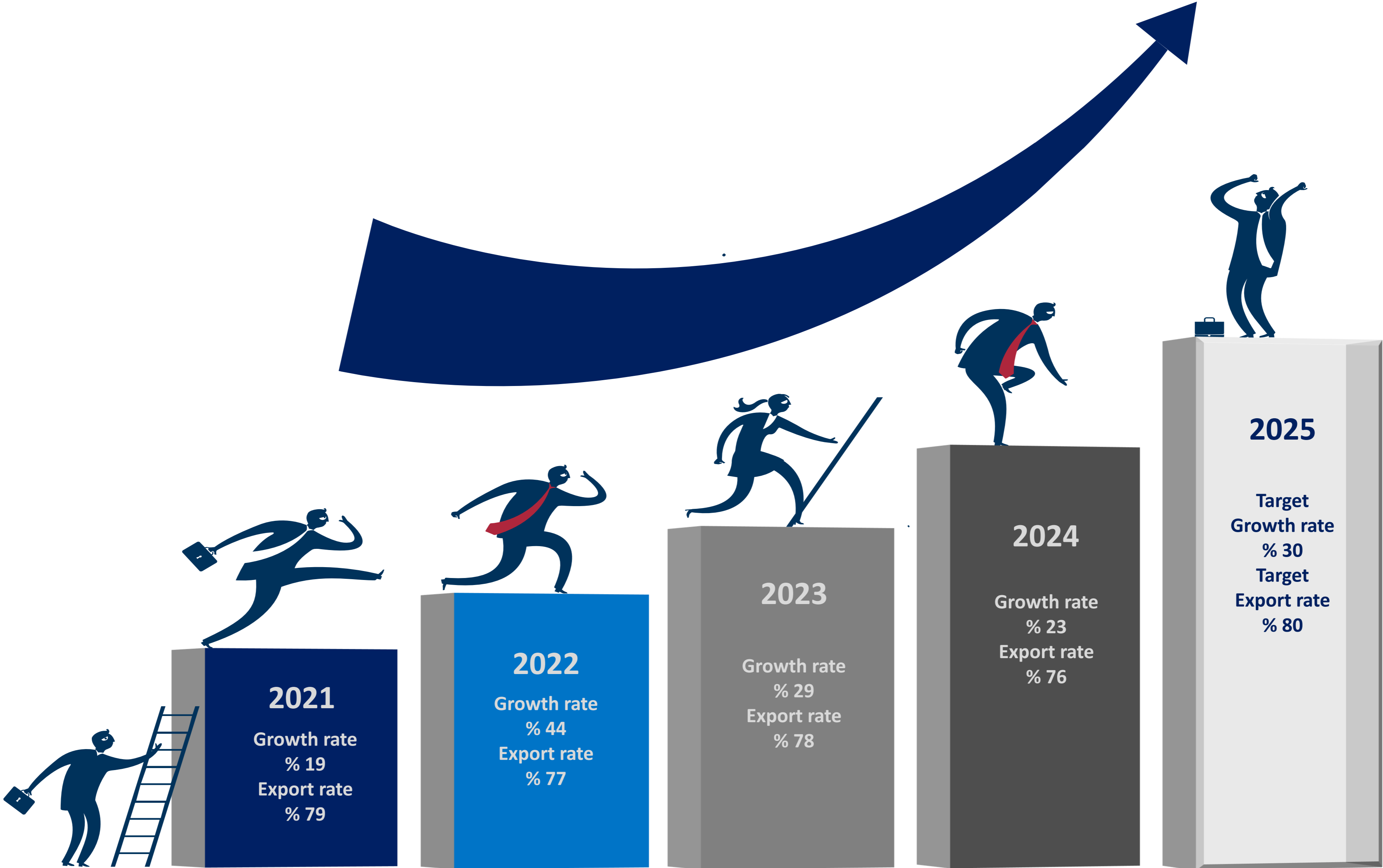
2024 Turnover : 16.200.000€

Staff Size : 240

Main Processes;

- Gravity Die Casting
- Sand Casting
- High Pressure Die Casting
- Low Pressure Die Casting
- Machining
- Assembly
- Heat Treatment
- Mold Design, Simulation, Production
- Leakage Testing
- Painting
- Anodising Coating

Growth Per Year on € Basis

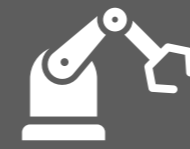


Investment Plan 2025



Machine

- Shaft Melting Furnace
- CNC 5 Axis Lathe Center
- Mazak 8800 HMC
- LPDC Machine
- 1.300T HDPC Press
- Grinding Machine
- Generator



Automation

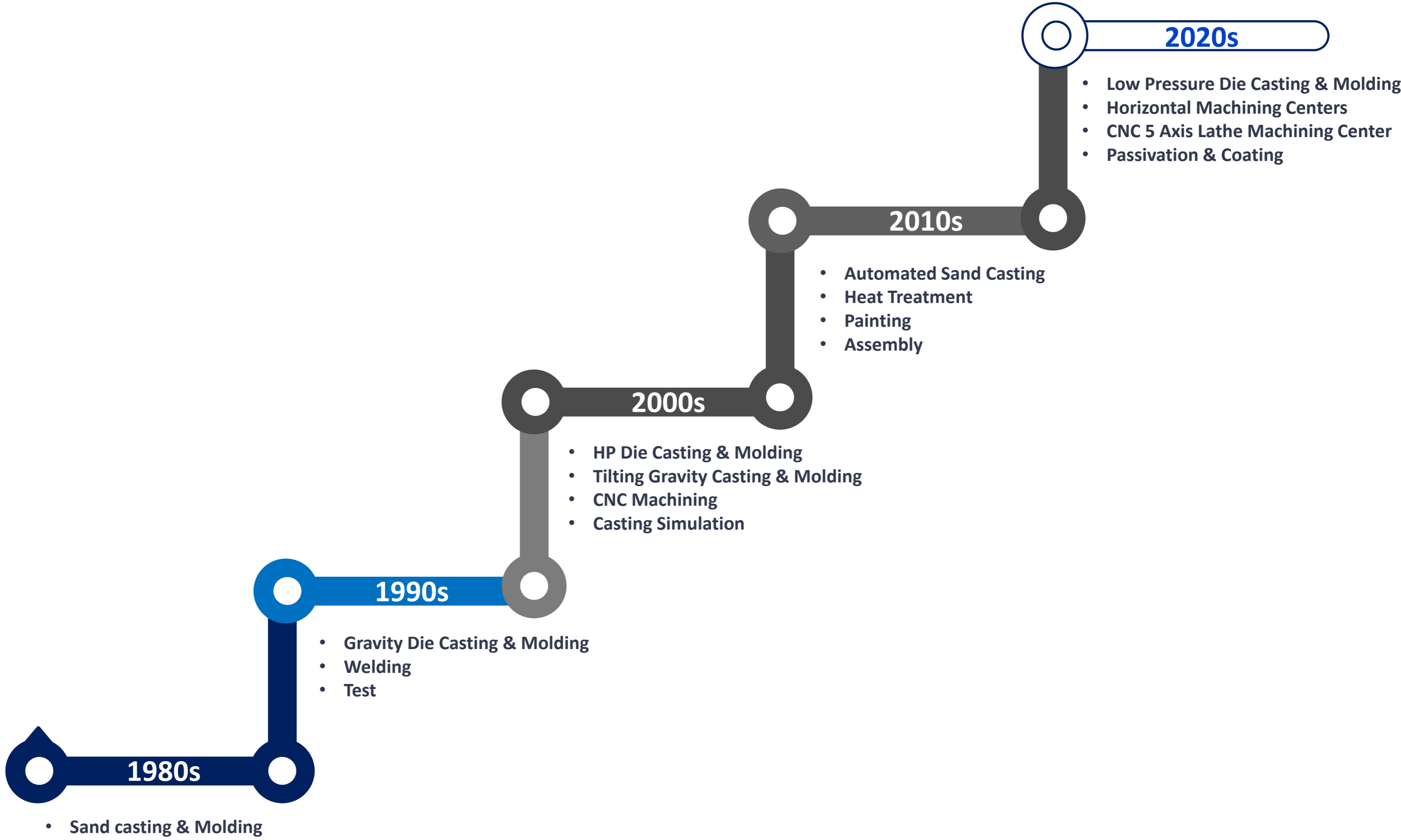
- OEE Management with Smart Factory Software
- Paperless Factory with MS Teams



Environment

- Solar Energy System
- Carbon Footprint Monitoring&Reducing Sys.
- Recycled Material Modification System

Şirvanlı Milestones



SWOT Analysis



Strengths

- **Multiple Casting Methods:**

Low pressure, sand, high pressure and gravity die casting methods tailored to meet customer-specific needs.

- **Export-Focused Operations:**

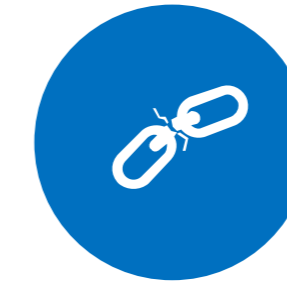
79% export rate, strong presence in the European market.

- **Diversity of Industries and Countries:**

Experience in different industries and countries.

- **Sustainability and Environmental Awareness:**

Investments in solar energy systems and strong environmental sustainability goals.



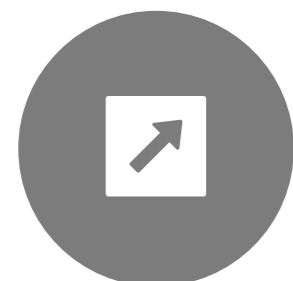
Weaknesses

- **Exchange Rate Sensitivity of TL:**

Revenues highly dependent on foreign exchange rates due to high export volume.

- **Human Resources:**

Difficulty in finding adequately skilled labor.



Opportunities

- **European and Middle Eastern Markets:**

Expanding existing partnerships in Europe and penetrating developing markets like the Middle East.

- **New Technologies:**

Integration of Industry 4.0 with robotic automation and IoT systems into production processes.

- **Sustainability Trends:**

Increased demand for environmental sustainability in EU and global markets.

Carbon-neutral production goals creating a competitive advantage in customer relations.

- **Capacity problems of European Competitors**

Many competitors have capacity problems and can not make any new investments more.



Threats

- **Market Fluctuations:**

Risk of reduced demand due to global economic crises and economic slowdowns in Europe.

- **Competition:**

Threat from cost-efficient Asian competitors entering the market.

- **Environmental Regulations:**

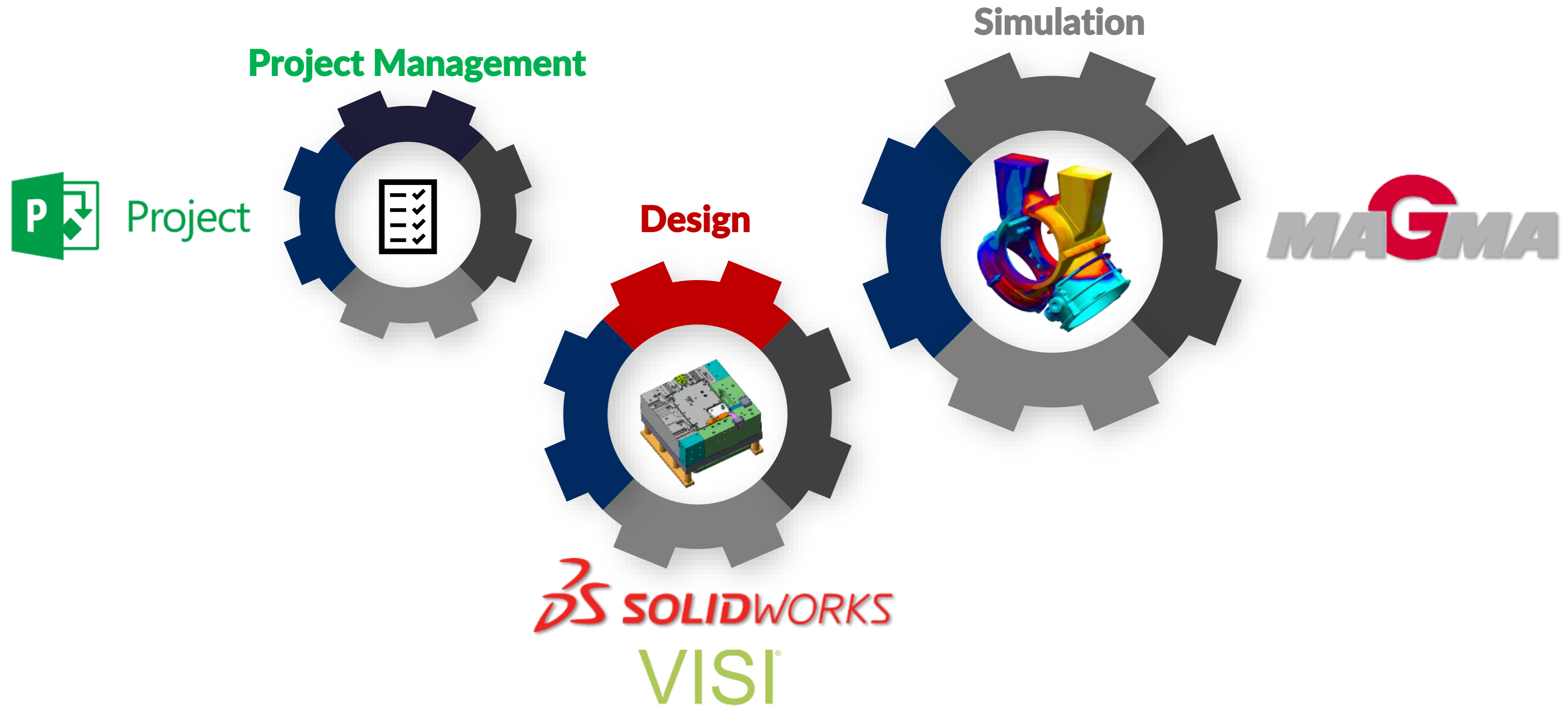
Rising costs of compliance with EU environmental regulations.

- **Raw Material Prices:**

Profitability risks from fluctuations in aluminum and other raw material prices.



Project Management




Quality Certificates



Machine Park



		2022	2023	2024			2022	2023	2024
	CNC Vertical Machining Center	9	10	10		Automatic Sand Casting Line	1	1	1
	CNC Horizontal Machining Center	5	10	14		Automatic Painting Line	1	1	1
	CNC 5 Axis Lathe Center	1	1	4		Heat Treatment Facility	1	2	2
	Tilting Machine	10	10	12		X-Ray Measurement Device	1	1	1
	Low Pressure Die Casting Machines	-	2	4		CMM Measurement Device	1	1	2
	HPDC Machines	3	3	3		Robotics for Grinding&Welding	-	1	3

Current Used & Free Capacity



Sand Casting



Gravity Die Casting



LP Die Casting



HP Die Casting



Machining



Heat Treatment



Painting



Coating

TOTAL
CAPACITY

500 TONS

900 TONS

600 TONS

900 TONS

120.000 HOURS

180 TONS

3.000 HOURS

3.000 HOURS

EXTENDABLE
CAPACITY

700 TONS

1200 TONS

700 TONS

1100 TONS

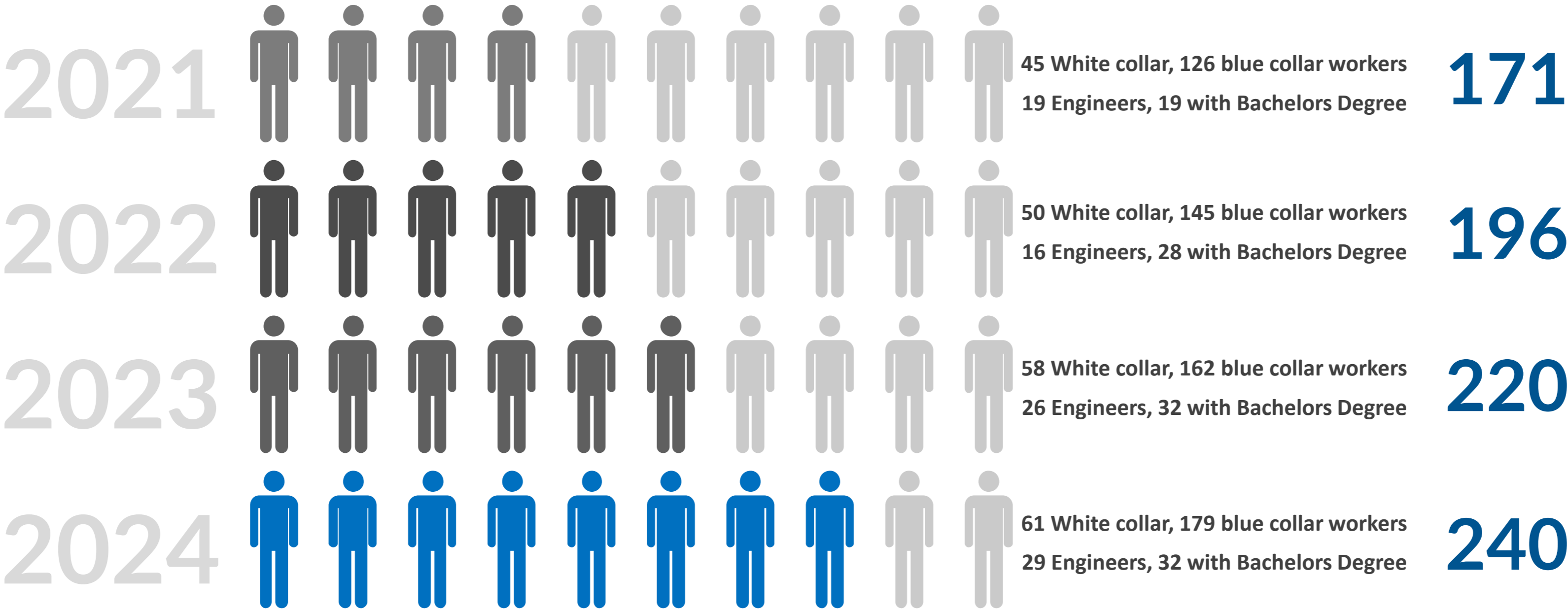
135.000 HOURS

200 TONS

3.500 HOURS

3.500 HOURS

Human Resources



Worldwide Customers

Automotive

Otokar



DAIMLER TRUCK



VOLVO



ISUZU



Energy



Railway

ALSTOM

THALES



IFE

Lighting



Marine

Acce/eron



VOLVO PENTA

Other



aselsan