



# FUNDINIO, S.A.

ALUMINIUM HIGH PRESSURE DIE CASTING  
Since 1969



## COMPANY

QUALITY &  
ENVIRONMENT

CLIENTS

PRODUCTS

PROJECT  
MANAGEMENT

FACILITIES

CONTACTS

## ACTIVITY

Aluminium High Pressure Die Casting parts for Automotive Industry, Electronics, Fluid Control Valves, Railway Transportation and Medical Equipment.

## PLANT HISTORY

Established in 1969, the Company has started to supply several business areas and products, namely, home appliances, ironware and cutlery.

Since the early beginning, High Pressure Die Casting process was installed using Aluminium alloys and also Zamak.

During the 80's, the relationship with Automotive Industry became stronger, in particular with Volvo, its first customer on this area.

From 1990 and onwards, FUNDINIO took the decision to be in the market only with Aluminium High Pressure Die Casting process, deeply involved with automotive industry (customer Daimler) and continuously acting on other business areas.

Along the past years, it has been possible to develop a relevant know-how related with machining process, coating applications (outsourcing), assembly and testing, providing the customers a wider range of services and a true partner relationship since the design phase to final product supply.

Since 2007 FUNDINIO has Edifícios Atlântico as its main shareholder.

## AREAS

Total	11.600 m <sup>2</sup>
Building	7.700 m <sup>2</sup>

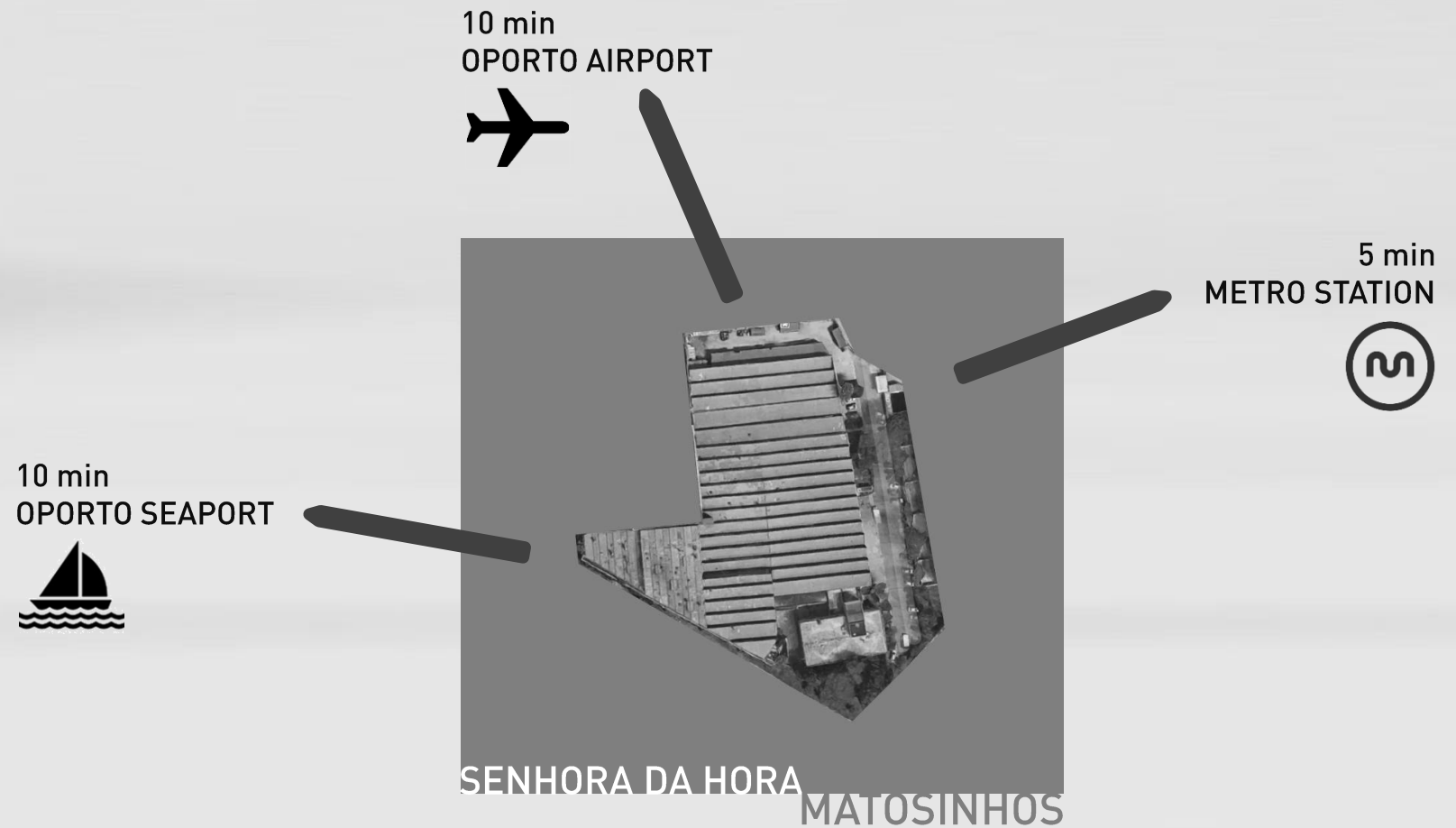
## HR

approx. 95 employees

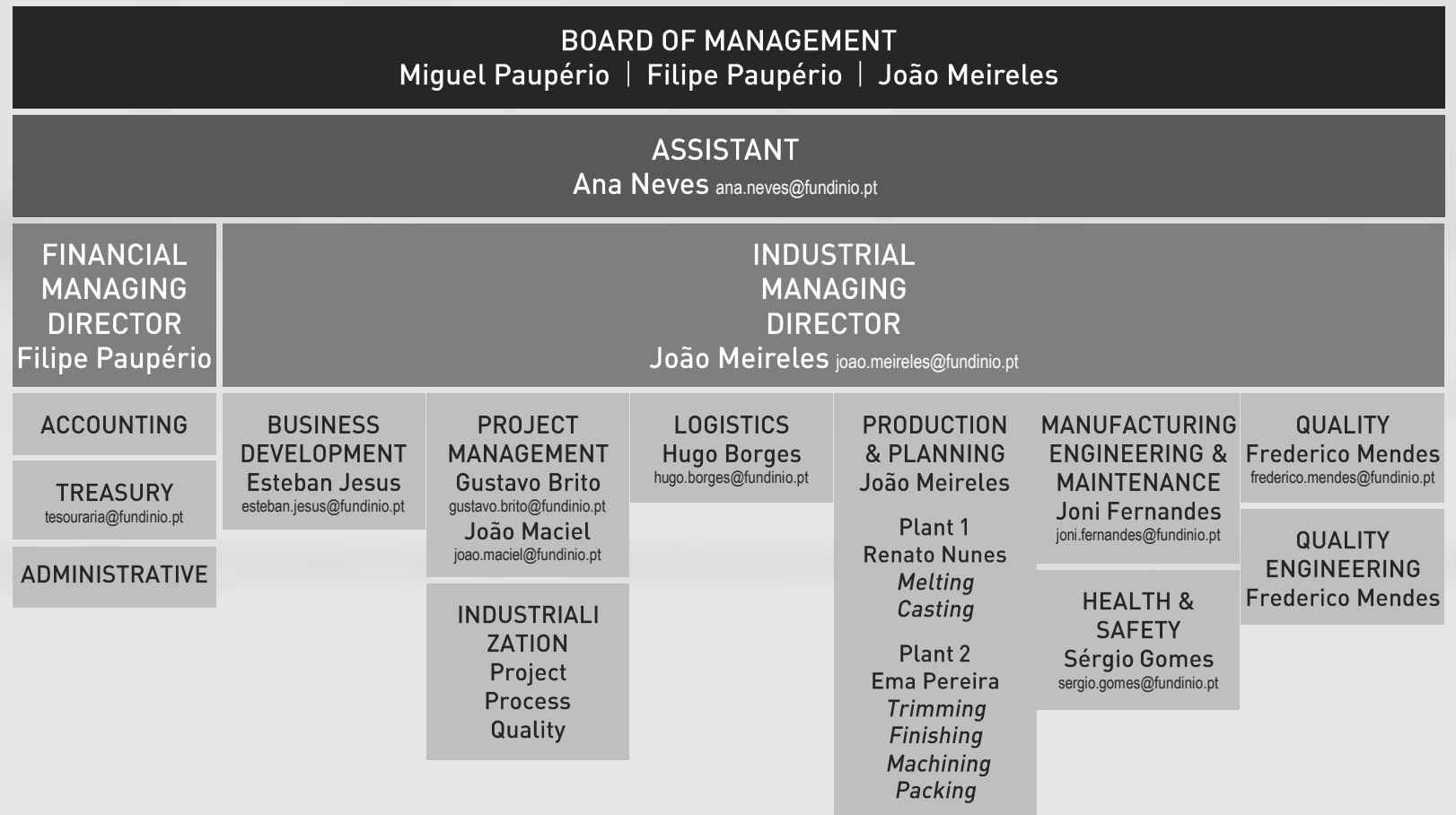
## ANNUAL TURNOVER

6,6 M€

## LOCATION | MAIN CONNECTIONS



## ORGANIZATION CHART



## STRATEGY PLAN

To be a MIDDLE SIZE company

To be a FLEXIBLE and AGILE organization

To keep current MARKET SHARING with emphasis on the Automotive Industry

To have the main target on the EUROPEAN MARKET, mainly Germany, United Kingdom and Spain, keeping the current focus on France as first delivery market

To keep current flexibility on NICHE and MEDIUM SIZE annual production volumes

To reinforce PROJECT MANAGEMENT HR competences

To develop FOREIGN AGENTS network



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## VISION

To be an engineering company specialized in Aluminium High Pressure Die Casting solutions, with machining and surface finishing.

## MISSION

To produce Aluminum parts by High Pressure Die Casting process, generating value for the interested parties.

## VALUES

Competence  
Teamwork  
Agility  
Competitiveness

Accuracy  
Flexibility  
Ethics in Business



## MANAGEMENT POLICY

FUNDÍNIO, S.A. has an integrated Management System for quality and environment, supported by the IATF16949 and ISO14001 standards and is committed to continuously achieve and improve:

- The quality of services and products, complying with legal and contractual requirements while maintaining the highest standards of efficiency and effectiveness of the processes;
- Environmental protection, pollution prevention and the rational use of natural resources, improving environmental performance;
- The understanding of the needs of its customers and stakeholders, promoting their satisfaction and creating value for the shareholders;
- The awareness and involvement of employees as a pillar to leverage the company's goals.
- A code of conduct that dignifies the company and a behavior that meets the highest standards;
- The incorporation of safe and innovative technologies to enhance process and product performance, minimize environmental impacts, improve workers' health and safety and generate value;
- The establishment of partnerships with suppliers to develop their skills and achieve common goals.



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## QUALITY SYSTEM

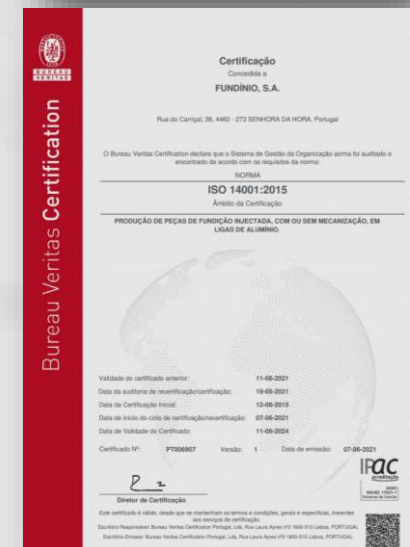
Certified according to IATF16949: 2016 2018

Quality Certification evolution

Client	Standard	Year
GM   Delphi   Inlan   Delco Electronics	GM	1989
Volvo	ISO9002	1993
Schlumberger	ISO9002	1993
Daimler   Chrysler	VDA6.3	2002
	ISO9002	2002
	QS9000	2002
	ISO/TS16949	2004








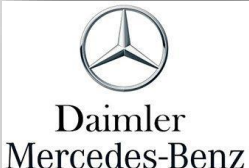










## ENVIRONMENT SYSTEM

Certified according to ISO14001: 2004 2015

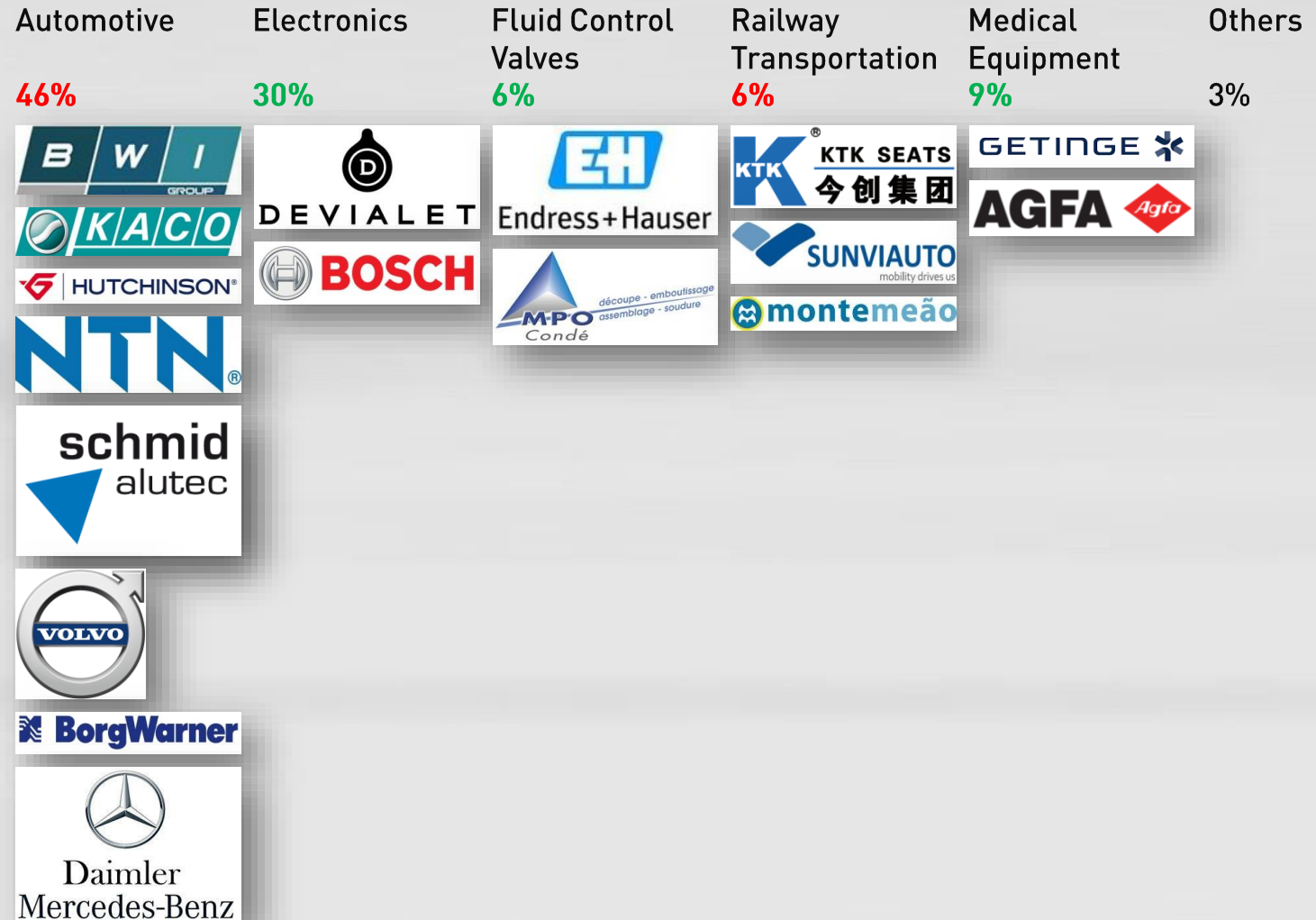




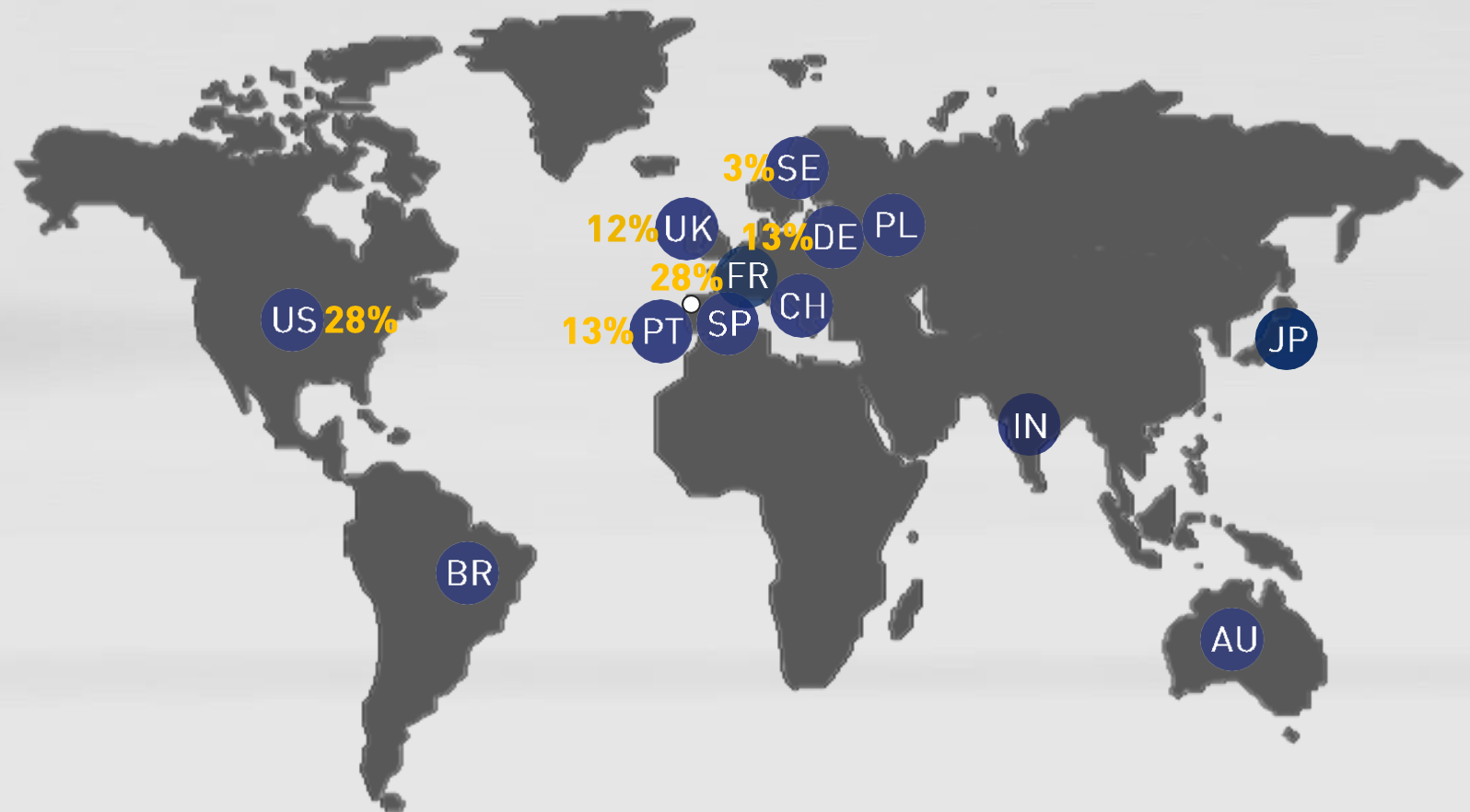
## MAIN BUSINESS AREAS | CLIENTS | 2021

Automotive	Electronics	Fluid Control Valves	Railway Transportation	Medical Equipment	Others
58%	23%	4%	7%	5%	3%
       	 	 	   	 	

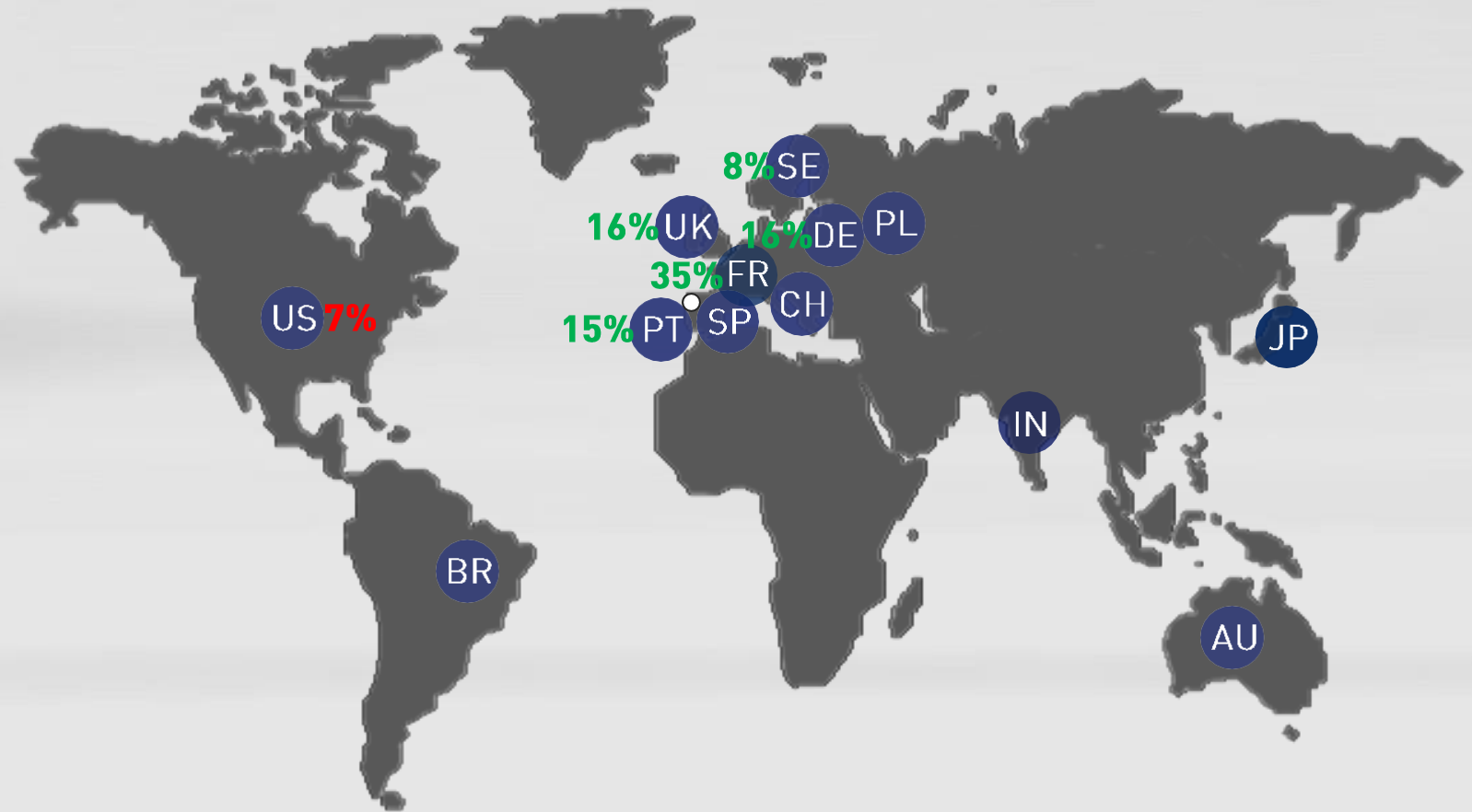
## MAIN BUSINESS AREAS | CLIENTS | 2022 forecast



## MAIN DESTINATIONS | 2021

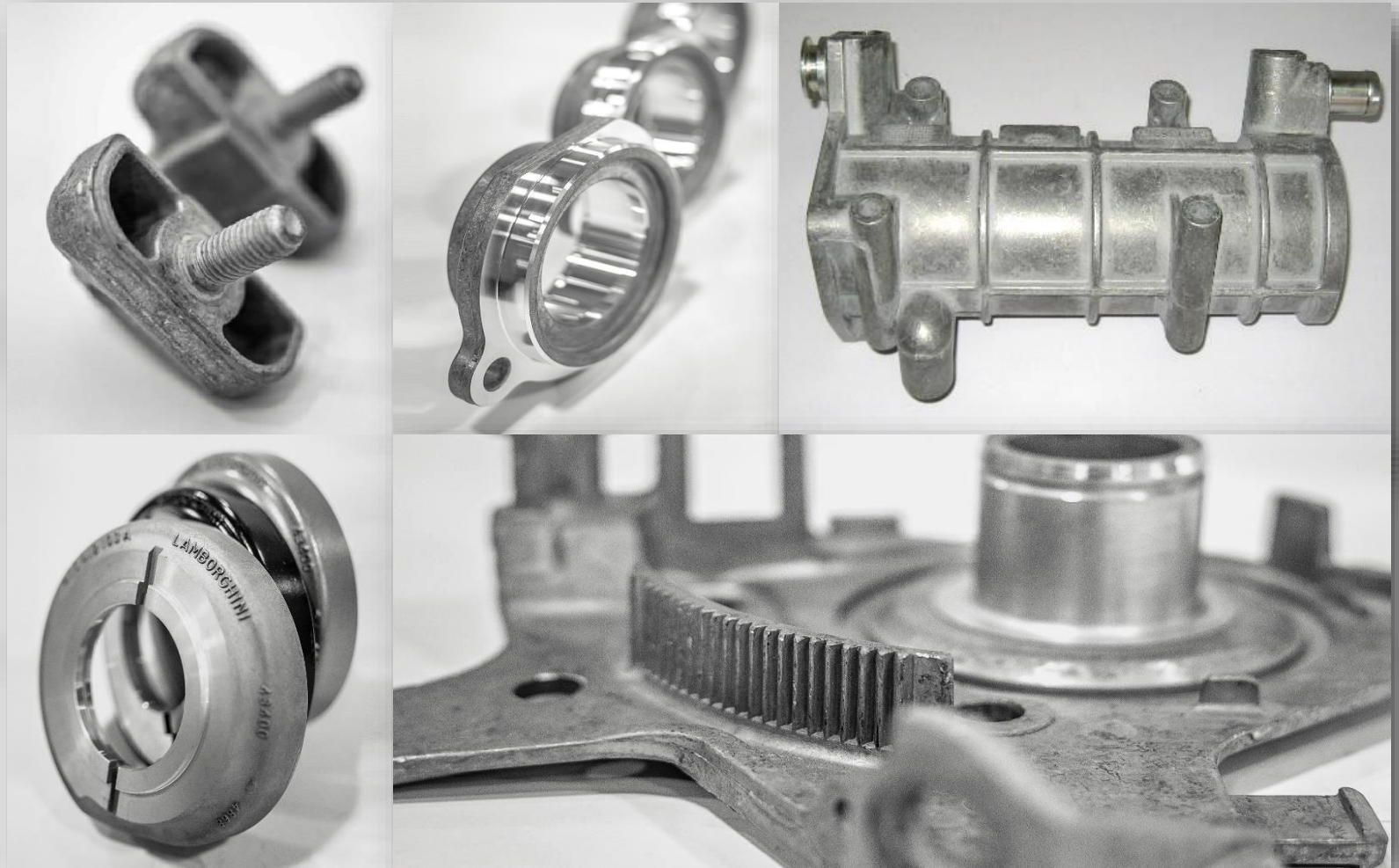


## MAIN DESTINATIONS | 2022 forecast





## AUTOMOTIVE



**AUTOMOTIVE**

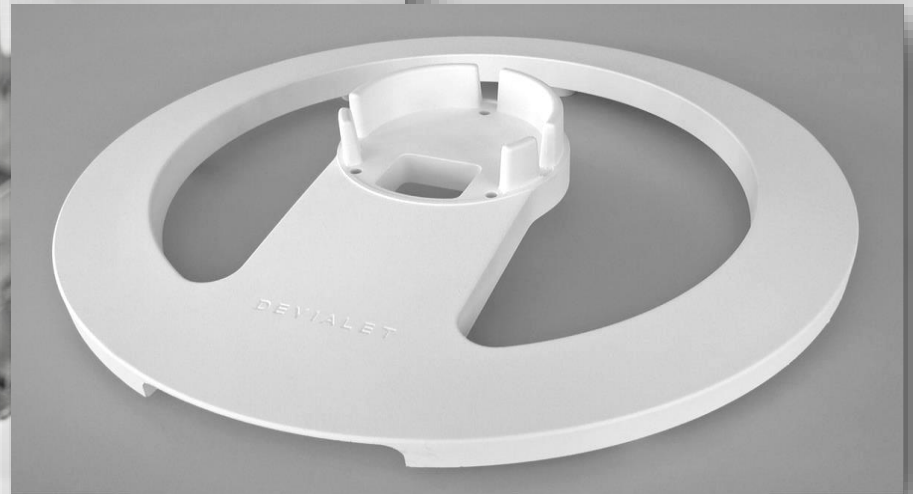
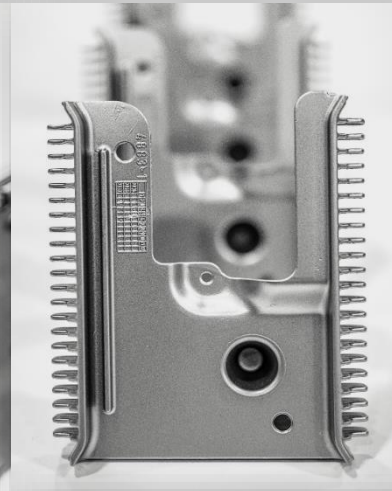




**AUTOMOTIVE**



## ELECTRONICS

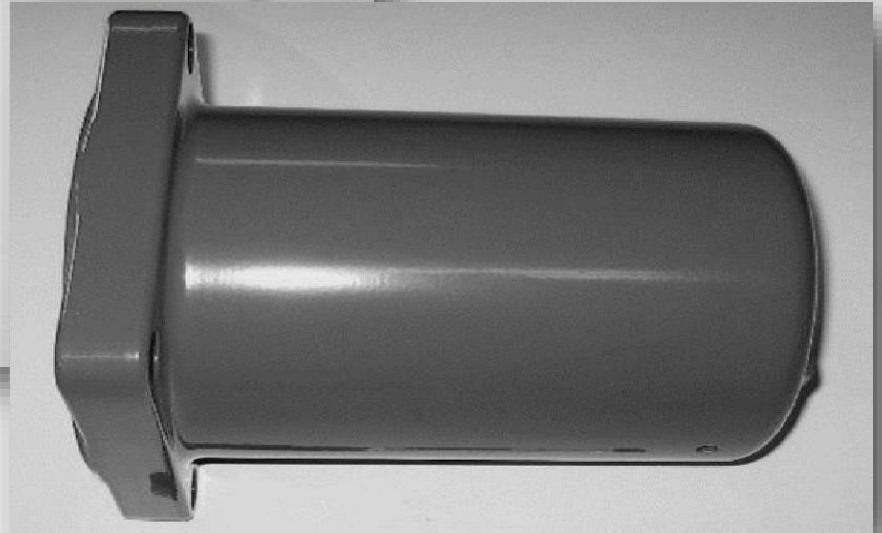


## ELECTRONICS





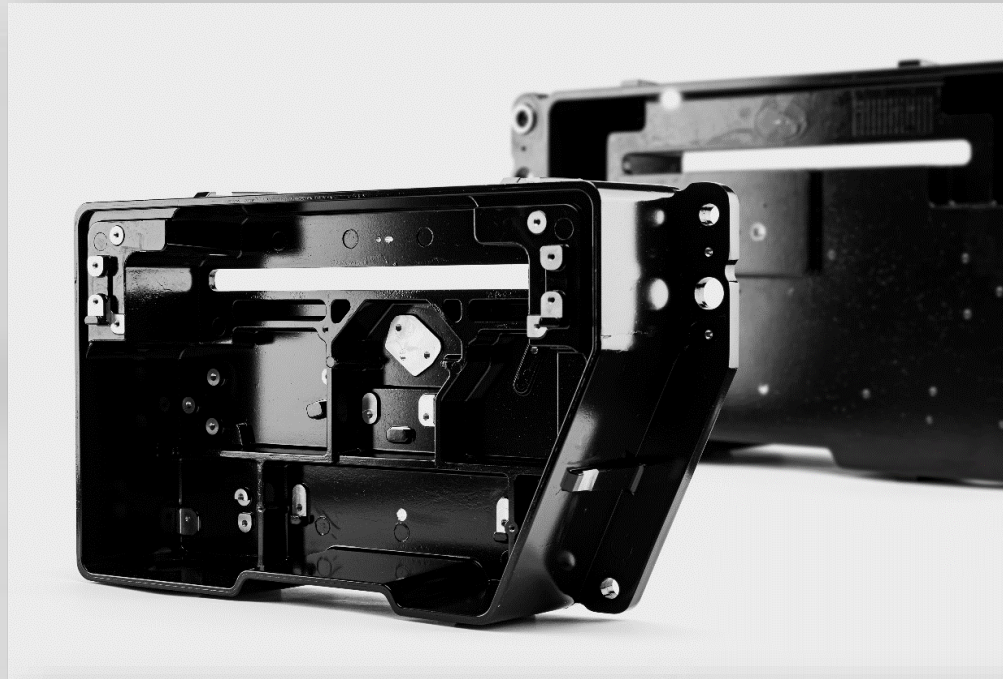
## FLUID CONTROL VALVES



## RAILWAY TRANSPORTATION



## MEDICAL EQUIPMENT







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## PROJECT MANAGEMENT | MANUFACTURING ENGINEERING

Our experienced Project Leaders and our Manufacturing Engineering team supports every step of the project, from die's design and manufacturing follow-up until the finished part, including machining, assembling and painting or other surface coating

**PROJECT CO-DEVELOPMENT** between FUNDINIO and client with strong support on part design  
**PROTOTYPING** by machining or other suitable process

**TOOLS DEVELOPMENT** working together with tool suppliers aiming for the best production condition, supported with Filling and Solidification simulation software to fulfill part specifications

**TOOLS CONSTRUCTION** follow-up during entire manufacturing process

**HIGH PRESSURE DIE CASTING** testing of tools complying with final production condition

**MACHINING** using the best practices with CNC machining centers (3 and 4 axes) and CNC lathes

**ASSEMBLING** and/or **TESTING** specific final product characteristics

**PAINTING** or other specific **COATING** appliance working together with certified suppliers

### PROCESS RANGE

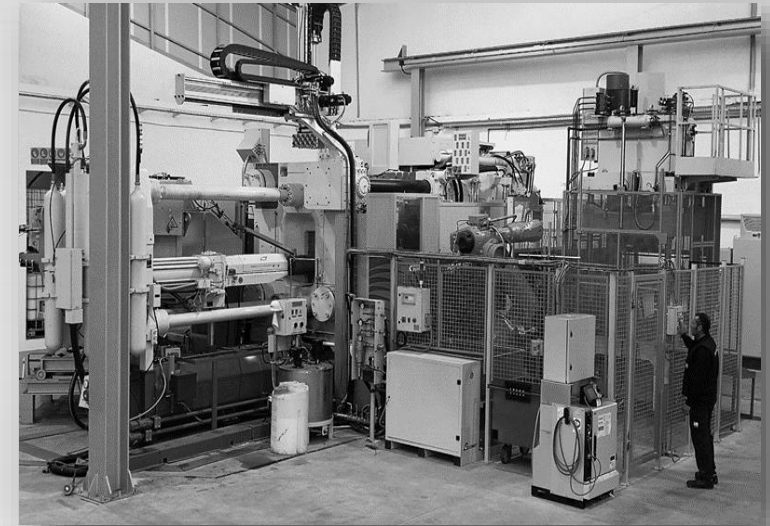
Die maximal dimensions	1300 x 1300 x 1400 [mm]
Die maximum weight	17t
Part weight	up to 20kg
Injection machine locking force	250t up to 1600t

## INDUSTRIAL EQUIPMENT

- 2 Melting furnaces
  - Alloys 46000, 47100, 43400, 44300 (EN1706)
- 2 HPDC full automatic cells 530t, 1600 t
- 7 HPDC machines 250t, 360t, 500t, 700t, 1000t
- 4 Presses for trimming
- 3 Tumble units
- 1 Shot blasting unit
- 4 CNC machining centers with 4<sup>th</sup> axle
- 5 CNC machining centers
- 1 CNC lathe with indexed spindle
- 4 CNC lathes
- Several dedicated machining devices
- 3 Robots for automatic cells

## SUPPORT EQUIPMENT

- 1 Mass Spectrometer
- 2 X-Ray machine
- 2 CMM
- Several leak proof test devices air|air and air|water
- 2 transfer machines with artificial vision and weight measurement





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**CONTACTS**

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**THANK YOU FOR YOUR ATTENTION**