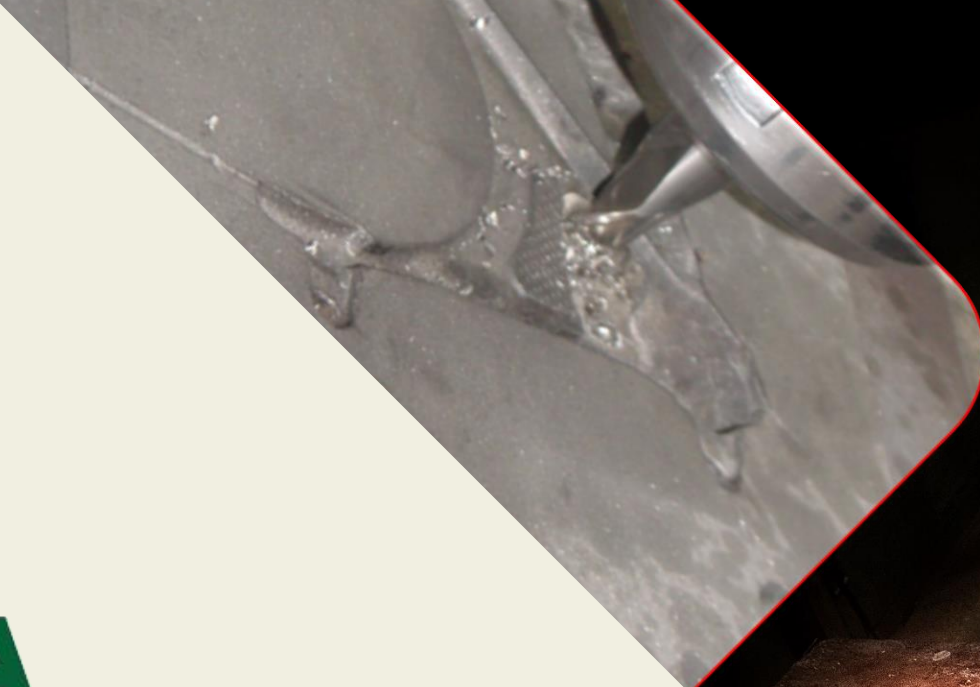
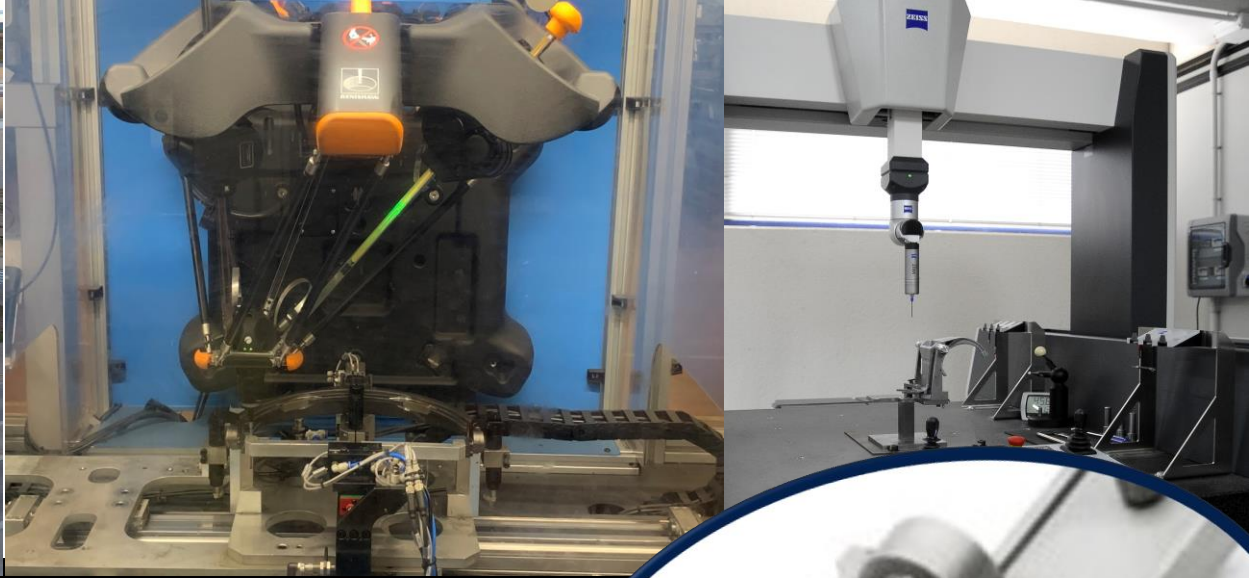


F2J PAMPLONA

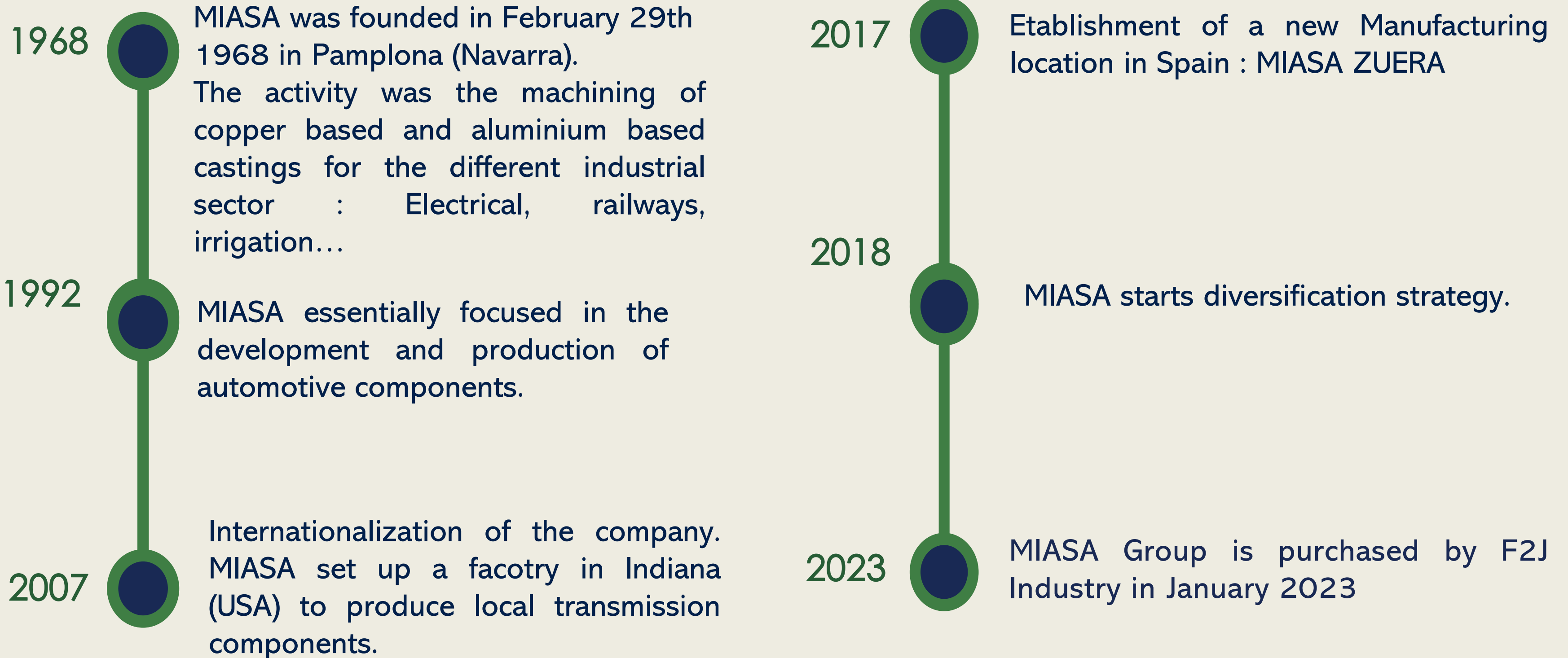




Overview presentation

PART 1	ABOUT F2J PAMPLONA...
PART 2	FIGURES REPRESENTING F2J PAMPLONA
PART 3	OUR KNOWLEDGE
PART 4	OUR PROCESS
PART 5	OUR ASSOCIATED CAPABILITIES
PART 6	OUR MACHINES / INSTALLATION
PART 7	OUR CUSTOMERS
PART 8	ABOUT F2J INDUSTRY

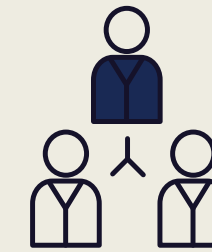
ABOUT F2J PAMPLONA...



FIGURES REPRESENTING F2J PAMPLONA



TURNOVER 2024 : 6,5 M €



34 EMPLOYEES



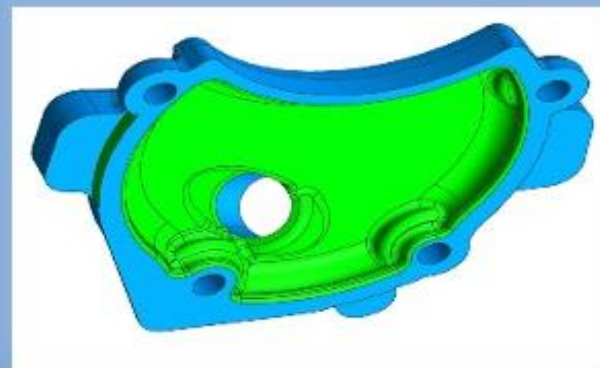
7 000 M2 FACTORY SURFACE

DESIGN

CAD

Siemens NX (Unigraphics).
Compatibility with other softwares

CUSTOMER
INPUT



SIMULATION

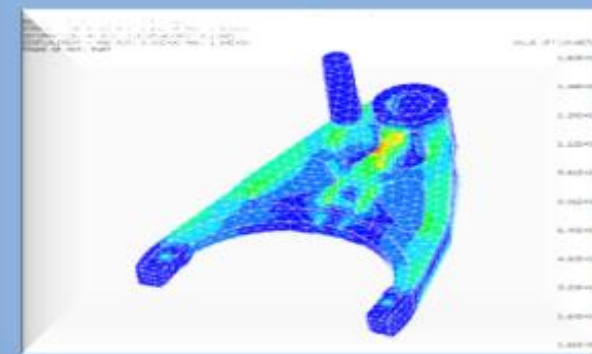
FEA

MSC PATRAN NASTRAN, MARC

CUSTOMER
INPUT

MIASA
OUTPUT

- Loads
- Boundary conditions, if customer prefers to fix them.
- Finite element analysis
- Conclusions

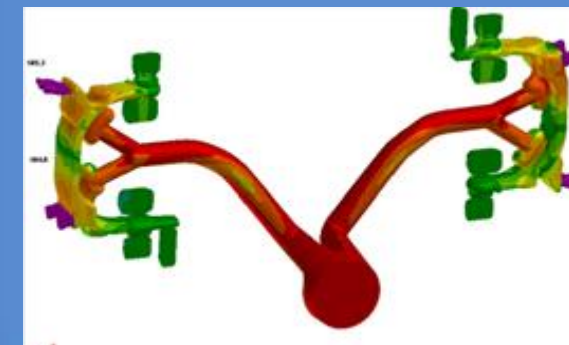


CASTING FLOW SIMULATION

QUIKCAST

MIASA OUTPUT

- Flow simulation is made before mould manufacturing
- We have extensive experience in the use of advanced simulation methods with proven success



TESTING

HYDROPULSE TEST MACHINE

LOAD CELLS: 10 kN & 50 kN

+

CLIMATIC CHAMBER

-30°C & 150°C (-22°F / 302°F)

PADS WEAR TEST FOR THE FORKS

LOAD CELLS: 10 kN & 50 kN

- Fatigue / durability
- Static load tests, breakage
- Stiffness
- Pads wear test for the Forks

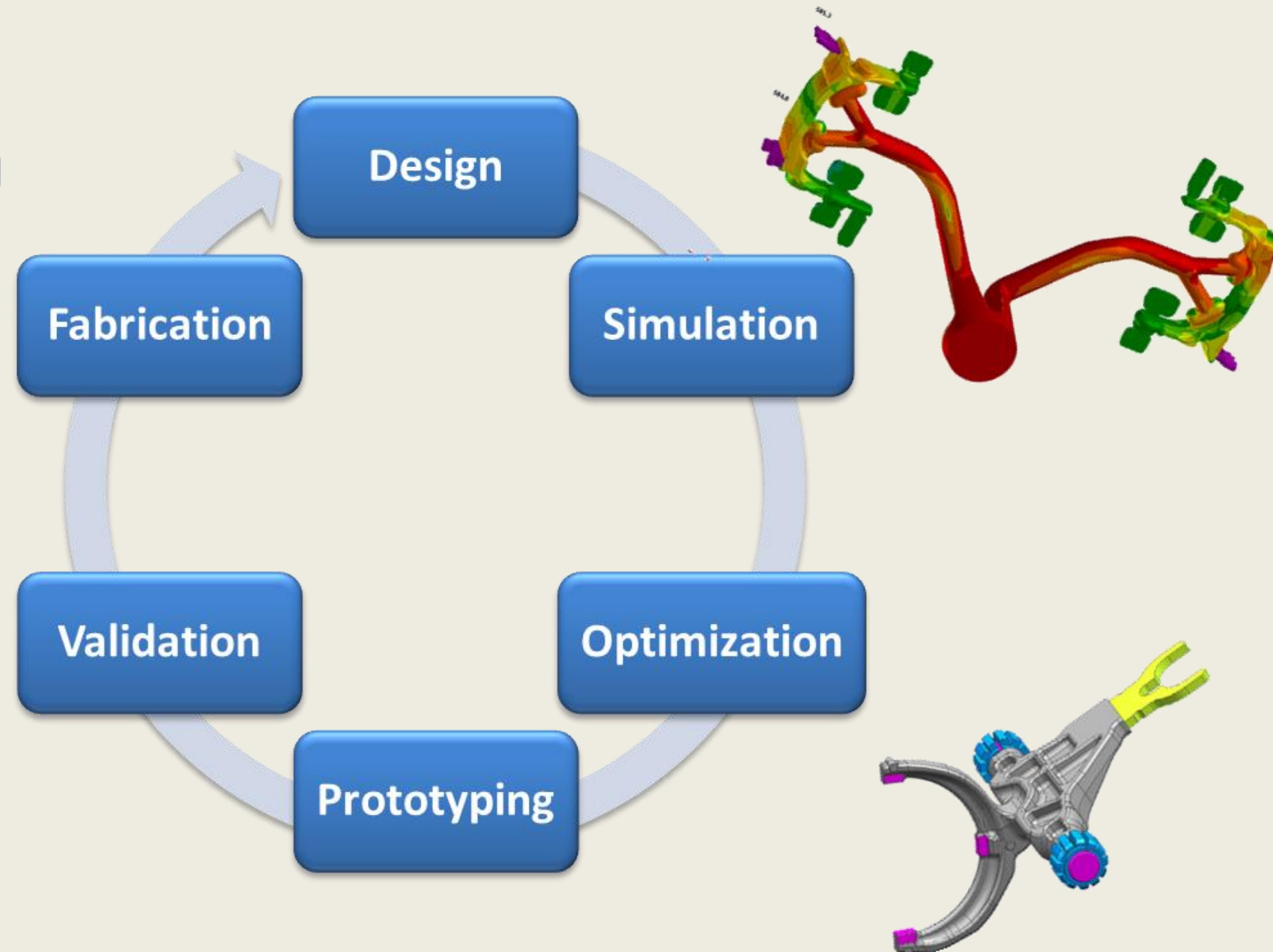
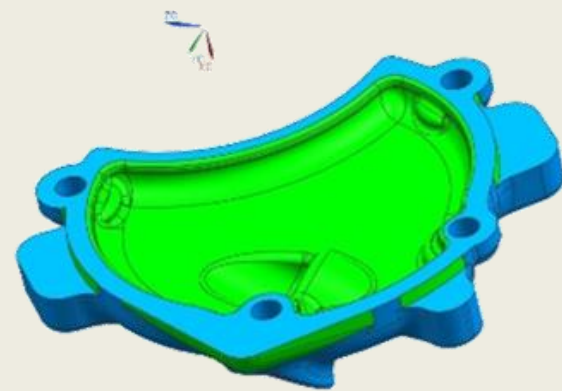


OUR KNOWLEDGE

In our facilities we are able to **develop, simulate, prototype, validate and industrialize** our products.

In cooperation with our customers, new solutions focused on weight and cost reduction resulted in:

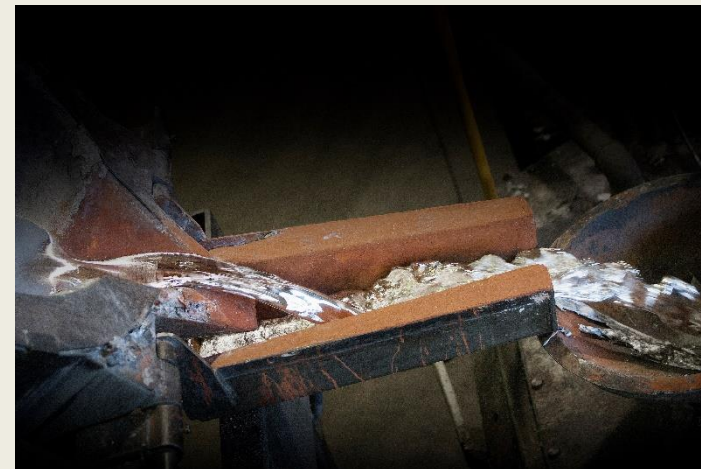
- **New materials.**
- **New functions.**
- **New or adaptable assemblies.**
- **Optimization**
- **Quality assurance.**
- **Durability.**



Our process

Aluminium high pressure die casting

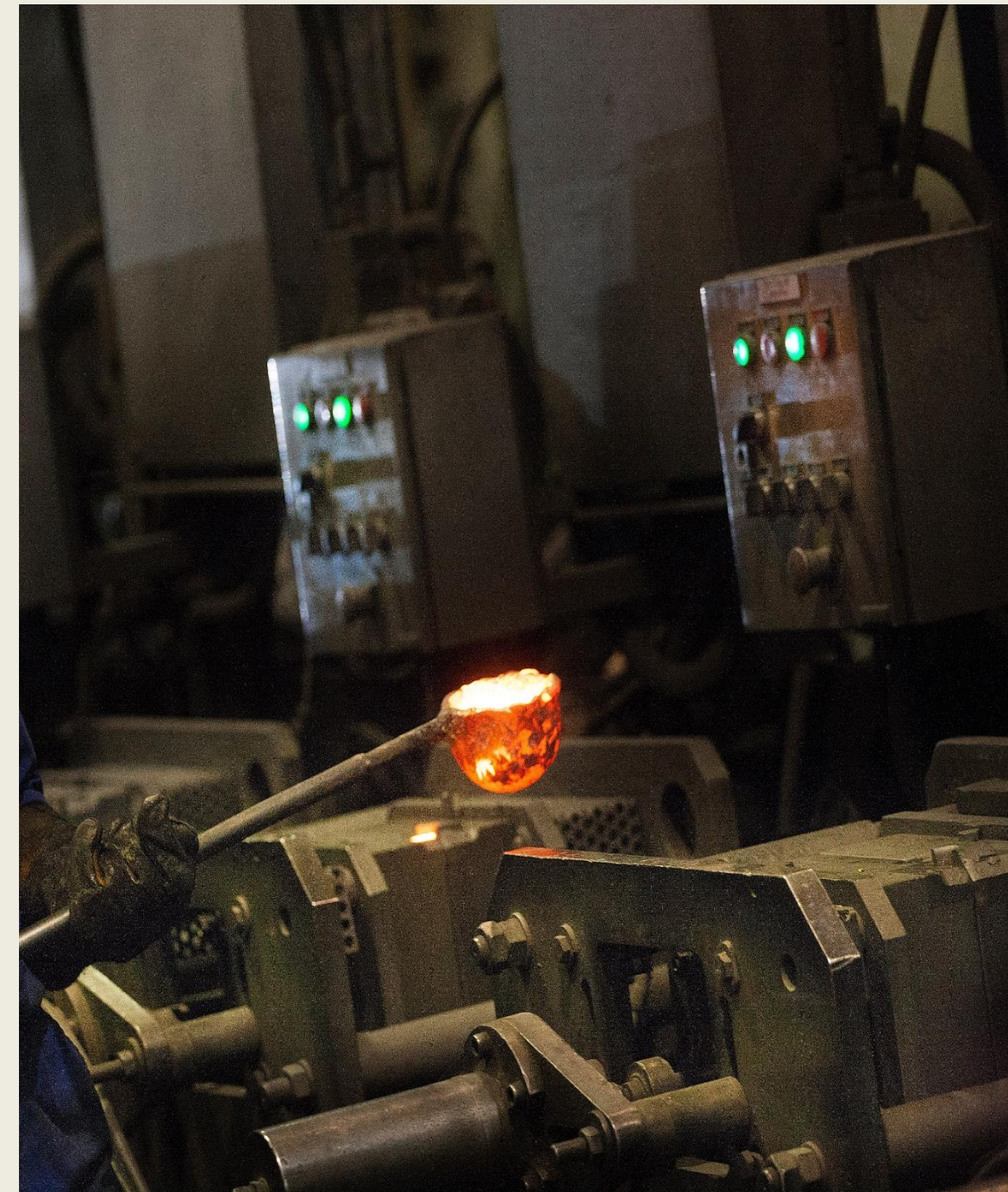
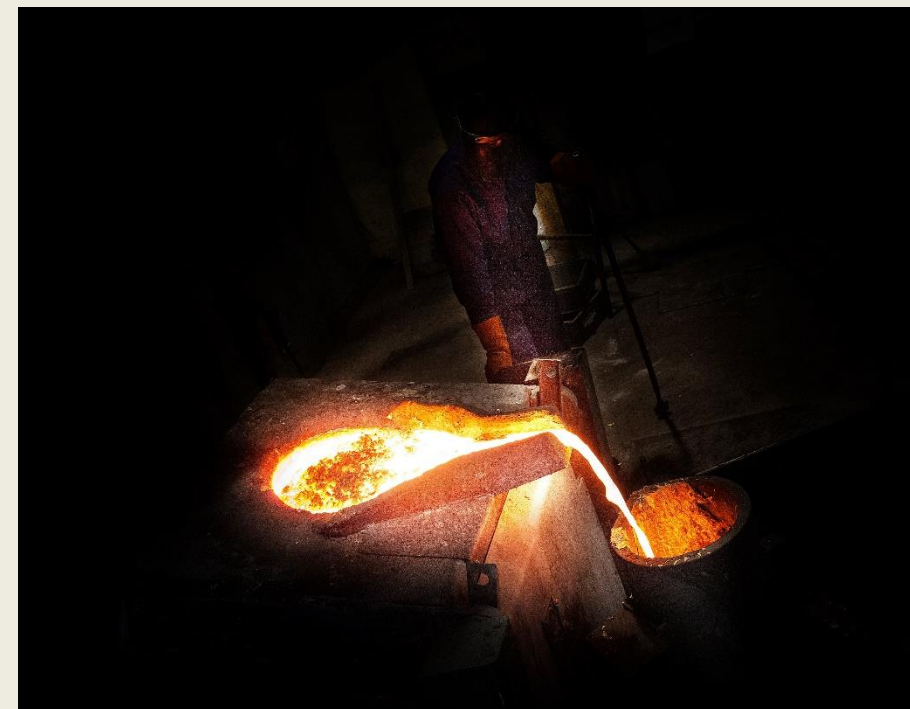
- Material melting
- Casting
- Trimming
- Shot blasting
- Tumbling finishing



Our Process

Cu-Al gravity casting

- Material melting
- Gravity casting



Our Parts

Transmission shift forks



Our Parts

Brackets



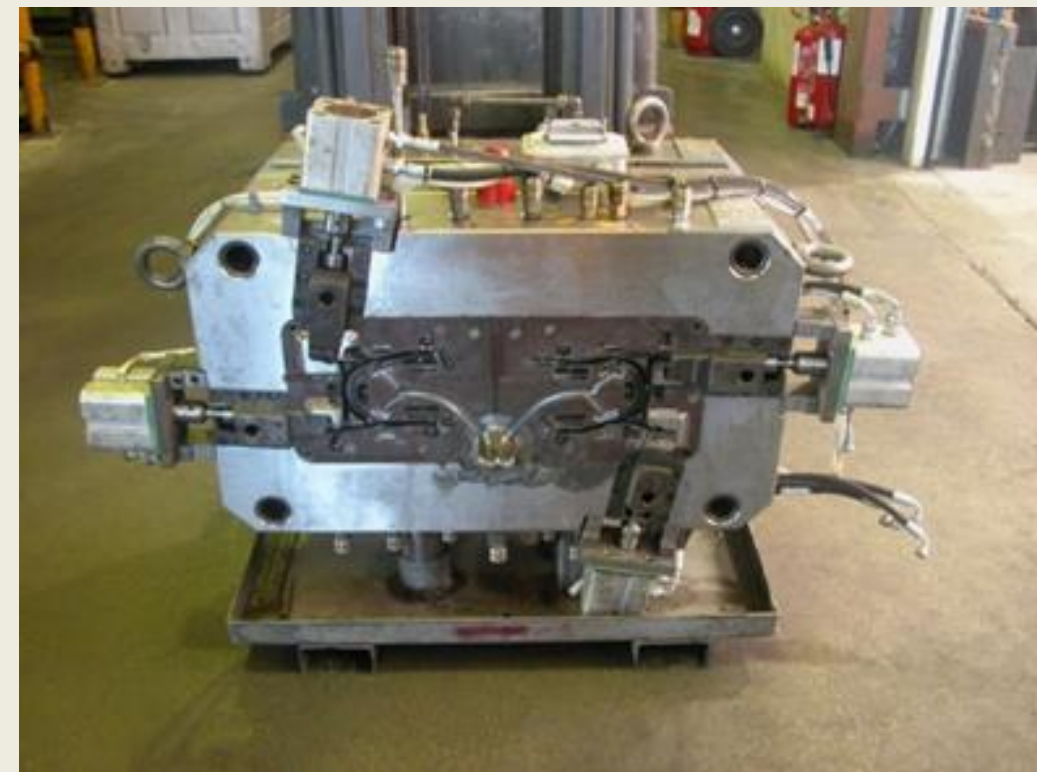
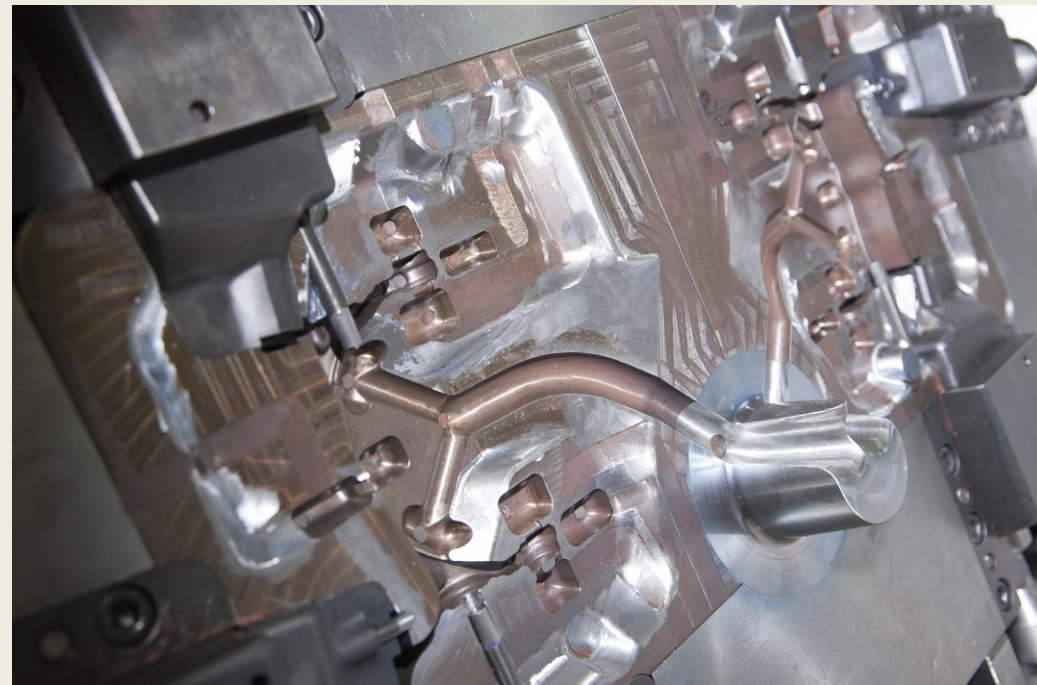
Our Parts

Aluminium housings



Our Associated Capabilities

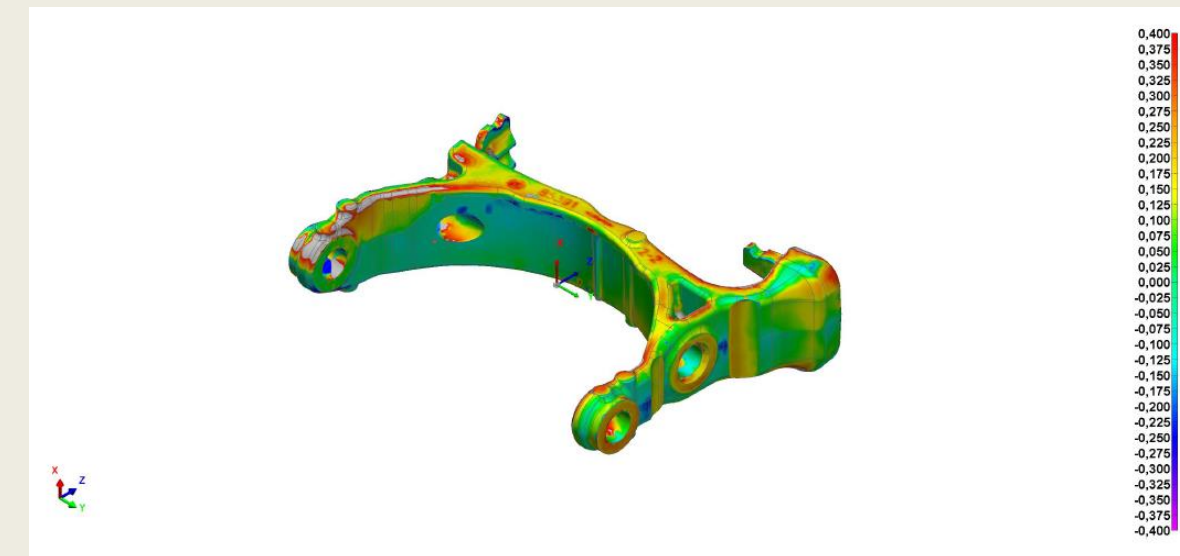
Tooling workshop



Our Associated Capabilities



Quality Inspection



Our Associated Capabilities



Testing Laboratory



Our Machines/Installations

Aluminium high pressure die casting

Machines size:

- 1 x 320 Tm
- 1 x 420 Tm
- 1 x 800 Tm
- 6 x 560 Tm



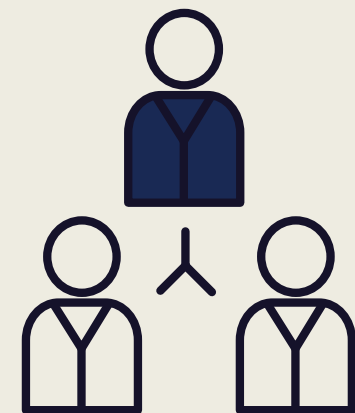
Our Customers



ABOUT F2J INDUSTRY...



Turnover: 195 M€



1 650 employees



4 plants in France
1 plant in Poland
3 plants in Argentina
1 plant in Brazil
2 plants in Spain
1 plant in USA



<http://f2jindustry.com>



<https://www.linkedin.com/company/f2jindustry>



USA

MIASA

Indiana
 Turnover: 8,8 M € / 45 Employees
 5.000 m² Factory surface
 Certified IATF 16949

ARGENTINA

F2J LIGHTING
CORDOBA

Córdoba
 Turnover: 29,4 M € / 230 Employees
 12.354 m² Factory Surface
 Certified IATF 16949 and ISO 14001

F2J TECHPLAST
CORDOBA

Córdoba
 Turnover: 25,8 M € / 330 Employees
 16.000 m² Factory surface
 Certified IATF 16949 and ISO 14001

F2J TECHPLAST
BUENOS AIRES

Buenos Aires
 Turnover: 5,4 M € / 135 Employees
 12.000 m² Factory surface
 Certified: IATF 16949:2016 and ISO 14001

BRAZIL

F2J LIGHTING
INTERLAGOS

São Paulo
 Turnover: 37 M € / 395 Employees
 22.000 m² Factory surface
 Certified IATF 16949

SPAIN

F2J PAMPLONA

Pamplona
 Turnover: 6,5 M € / 34 Employees
 7.000 m² Factory surface
 Certified IATF 16949 and ISO 14001

MIASA

Zuera
 Turnover: 23 M € / 95 Employees
 6.000 m² Factory surface
 Certified IATF 16949 and ISO 14001

POLAND

F2J REMAN
RADOM

Radom
 Turnover: 5,5 M € / 40 Employees
 3.200 m² Factory surface
 Certified IATF 16949 and ISO 14001

FRANCE

AGLA
F O R M

Auxi-le-Château
 Turnover: 9,5 M € / 91 Employees
 26.000 m² Factory surface
 Certified IATF 16949

F2J REMAN
CHAUMONT

Chaumont
 Turnover: 10,9 M € / 66 Employees
 9.700 m² Factory surface
 Certified IATF 16949 and ISO 14001

F2J STAMPING
BESSINES

Bessines-Sur-Gartempe
 Turnover: 13 M € / 84 Employees
 12.000 m² Factory Surface

F2J J A P Y
VALENTIGNEY

Valentigney
 Turnover: 20 M € / 105 Employees
 18.894 m² Factory surface
 Certified ISO 16949

Number of employees: **1650**

4 sites in France / 1 site in Poland / 3 sites in Argentina / 1 site in Brazil / 2 sites in Spain / 1 site in USA

Annual TO: **195 M€**

Thank you for your
attention !

