



COMPANY PROFILE

CARBOTECH INNOVATIVE
Innovate is our dream





ABOUT US



Driving innovation
of composite components

We are an innovative automotive and motorsport company, working on advanced composite materials. Our most important activities focus on structural and aesthetic components for luxury cars, motorcycles, racing cars and marine industry, customized according to customer needs.



COMPANY VISION & VALUES

Double business with half the impact.

Making Carbon Fiber Accessible Reducing weight and consumption for a more sustainable world.

Innovation

Always forward-thinker

Sustainability

Ensuring greener choices

Quality

Highest standard of excellence



COMPANY MISSION

Innovating and inspiring consumers

The Company's objective is to achieve distinction as a leader in the Italian advanced composite materials industry, leveraging highly efficient processes. It strives to embrace process automation, aiming to standardize quality, expedite delivery times, and lower costs.



EXCELLENCE

RAW MATERIALS WITH THERMO-SETTING MATRIX

- Carbon fiber
- Glass fiber
- Aramid Fiber
- Basalt Fiber
- Natural Fiber
- Epoxy resin
- Polyester resin

THERMOPLASTIC MATRIX

Plastic injection moulding with polymers:

- PC/ABS
- PA
- PP
- PBT
- POM
- TPE
- EPDM

MANUFACTURING

- Clean room for lamination
- Autoclaves moulding
- SMC and BMC moulding
- Light RTM
- Injection moulding
- Vacuum moulding
- Press moulding
- WFT moulding
- RFI
- PU LINE
- RUBBER AND PLASTIC CO-MOULDING 1K & 2K

SERVICES

- Mould and components design
- Project management
- Plybook
- Manufacturing
- Dimensional quality control
- 3D scanning & reverse engineering
- Models & mould milling
- Painting

CAPABILITIES

CNC carbon cutting
1600mm x 3000mm



High temperature oven 200°



Painting oven



Autoclave
1500mm x 4000°mm



CNC 5 axis milling machine



Autoclave
1800mm x 3000mm



NDC QUALITY CONTROL

Particular attention is dedicated to the testing of materials and components conducted with the major accredited partners in the sector:

- Petroceramics (Brembo)
- MCP (Modena)
- MES GROUP (3D measurements)



TECHNOLOGIES AND PROCESSES

The company emerges as a beacon of excellence in the composite components manufacturing sector, distinguished by its extensive experience and profound domain expertise. Its commitment to innovation and quality sets a benchmark, propelling the company to the forefront of the industry.



AUTOClave MOULDING



COMPRESSION MOULDING



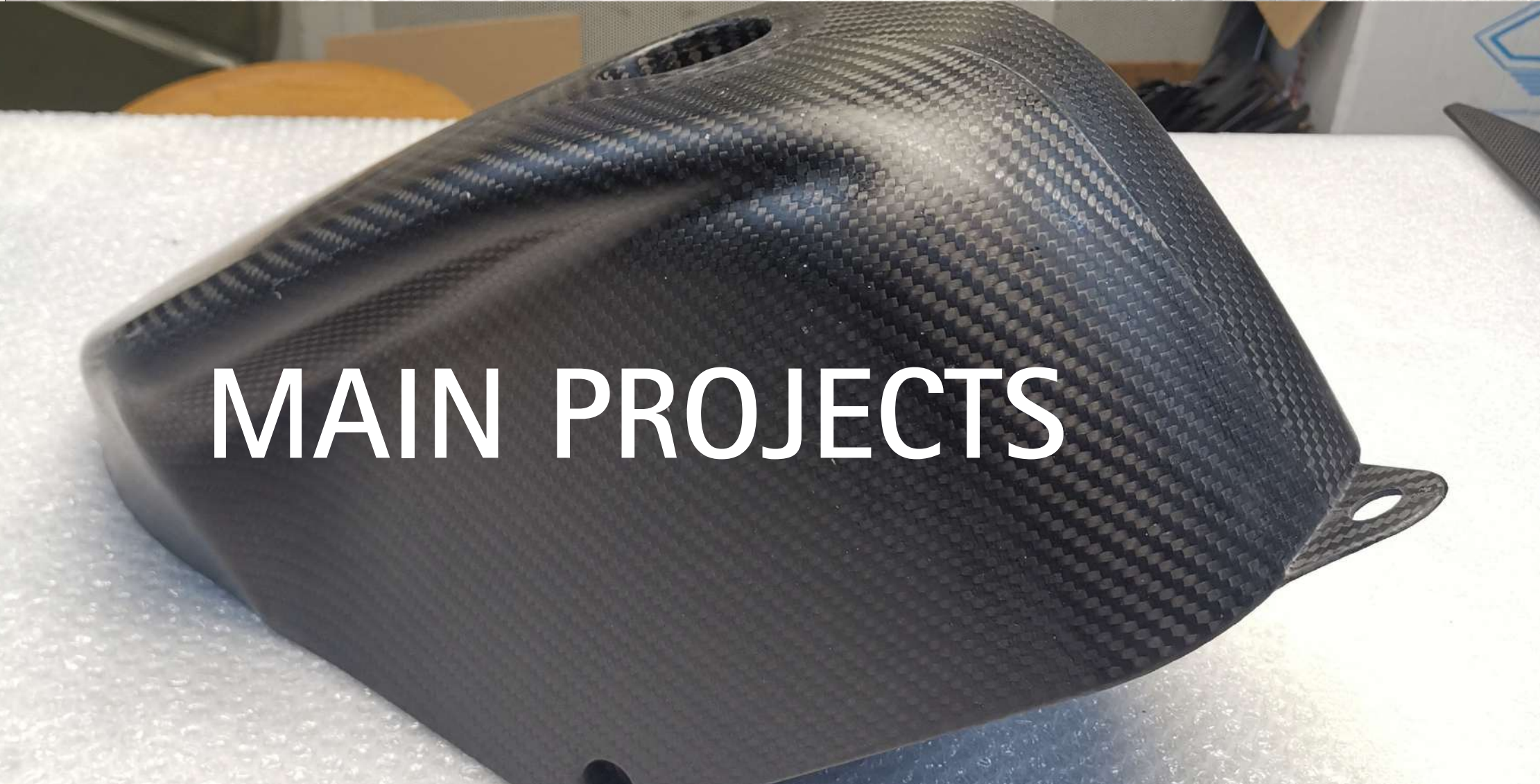
VACUUM INFUSION PROCESS

COMPOSITE SKIN



RTM RFI





MAIN PROJECTS

MAIN PROJECTS

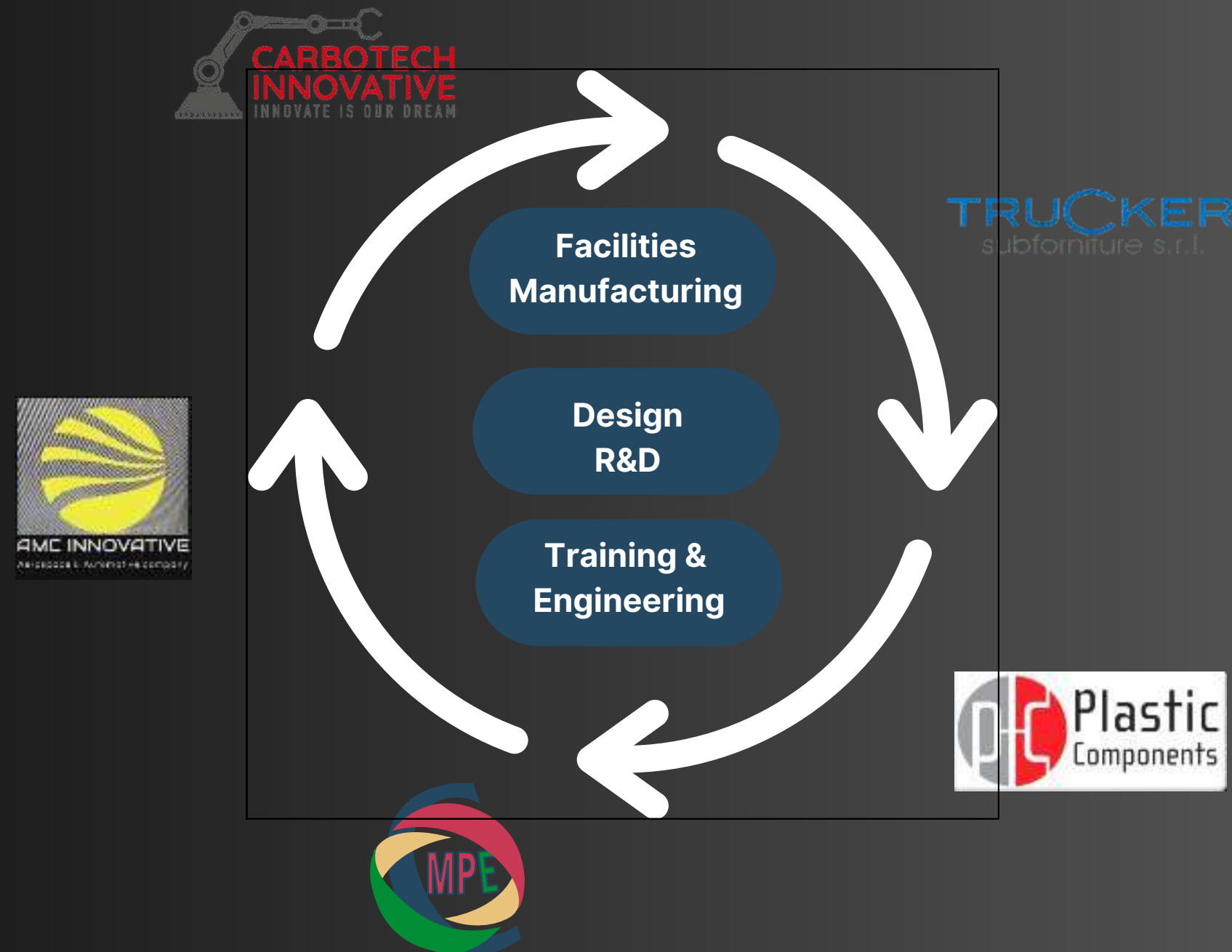


Structural parts for racing cars



INNOVATIVE HUB

Our people skills and our qualified industry partners make the ecosystem capable of responding to customer needs at 360 degrees in the industrial, aerospace, automotive and marine sectors.





MPE Composites is the oldest company of our group. It makes advanced composite components for automotive and motorsport.





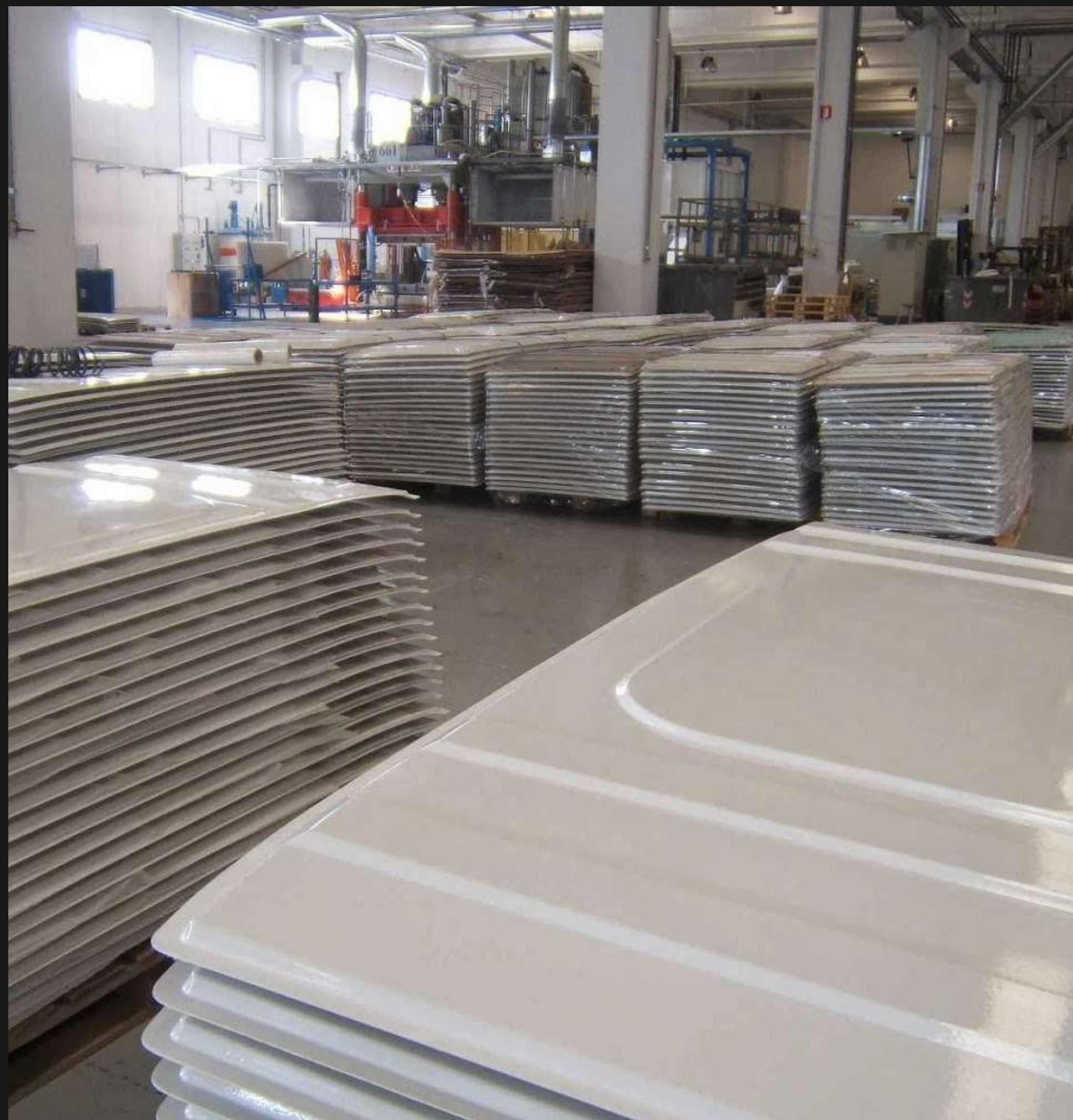
Plastic Components serves as an additional offering of our strategic hub, specializing in plastic injection molding for automotive parts using thermoplastic polymers.



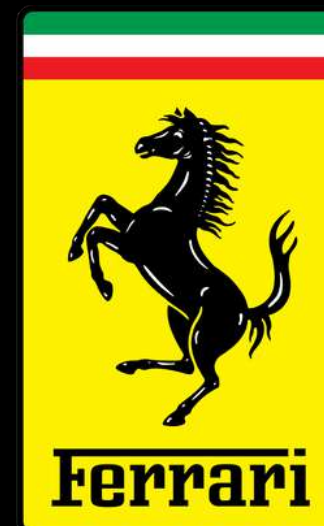


TRUCKER
subforniture s.r.l.

Tracker is another valuable resource in our company's ecosystem, partnering to manufacture composite components for commercial vehicles and the automotive industry, employing press wet moulding and Resin Transfer Moulding (RTM) processes.



MAIN CUSTOMERS



IVECO





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Components

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