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HYPER
METAL

METAL ADDITIVE
MANUFACTURING



HYPER METAL ADDITIVE
METAL MANUFACTURING

Building the future, one layer a time



Metal AM Service Bureau

We manufacture your parts as a service using Metal Additive Manufacturing

More than **10.000 successful parts** manufactured since 2019

Vision

To be a reference partner to innovative companies, providing a quality-centered service and focusing on new solutions for the manufacturing of parts through additive manufacturing.

Values

- Focus on quality;
- Commitment to the ambitions of our customers;
- Flexibility: careful and personalized monitoring of each project;
- Dynamism: speed of execution;
- Continuous learning;
- Respect for all stakeholders





Our 3 Strategic Pillars



Quality

- **Quality Management System** (ISO9001, EN9100)
- **Traceability**
- **Continuous Improvement**
- **Quality Control** of the whole production process



Innovation

- **State-of-the-art** Industrial Metal Additive Manufacturing
- **Metal AM know-how** with highly skilled team
- **Innovation Projects**
- **Collaboration with Academia**



Lead Times

- **Faster Lead-Times** without compromising quality
- **Efficient Collaboration** (Fast decision-making & Rigorous document control)
- **Client Needs Adaptability** (Flexibility and Communication)

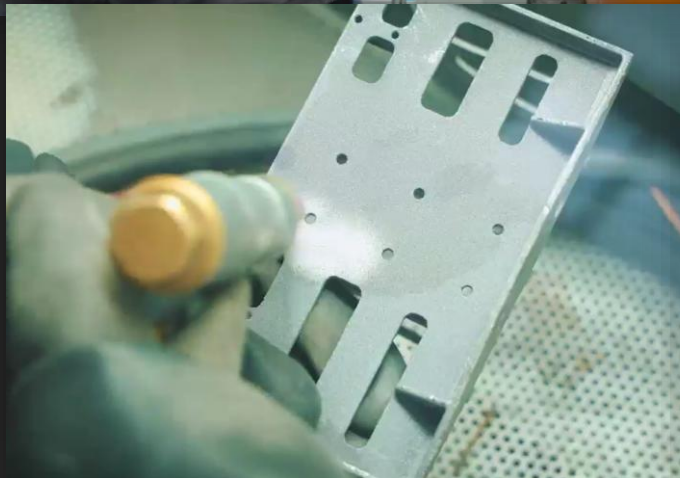
Main In-house equipments



1x Renishaw AM 400
2x Renishaw RenAM 500S Flex

1x Large build volume system - Planned

In-house equipments



- CNC Milling
- Heat Treatment Furnace
- Bead Blasting
- Vibration Tumbling

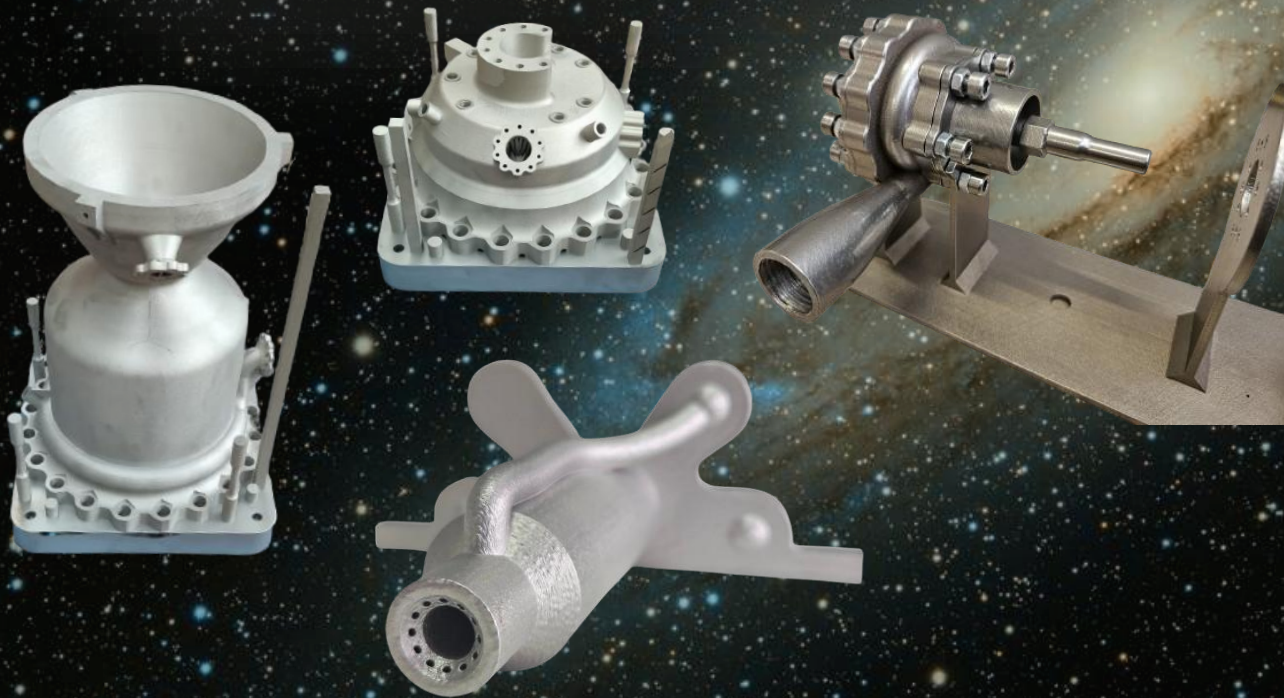
Materials

- Aluminium
- Stainless Steel
- Inconel
- M300
- CoCr
- Titanium
- Copper





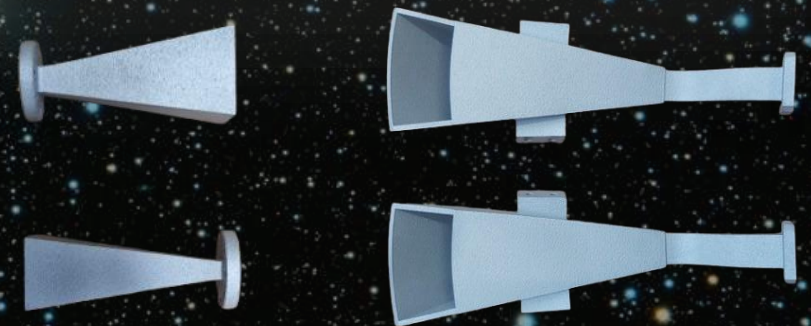
Propulsion Systems



Lightweight structures

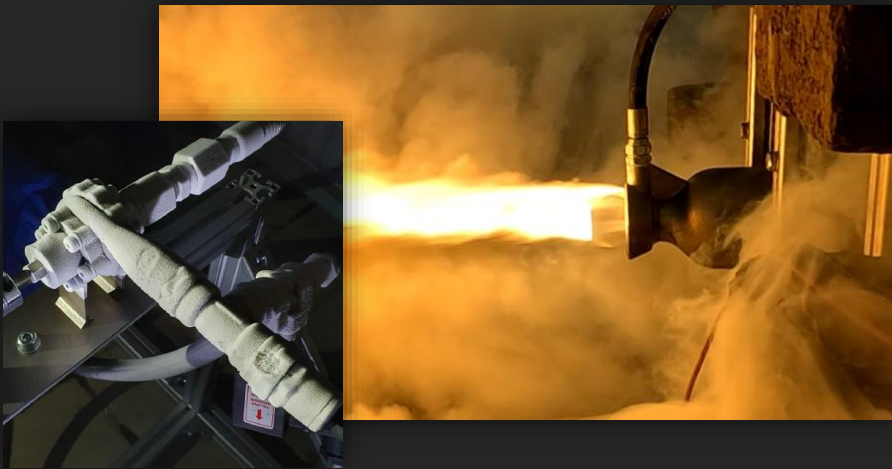


Horn Antennas



Full-Cycle Production

- 3D manufacturing
- Heat treatment
- CNC
- Final Assembly



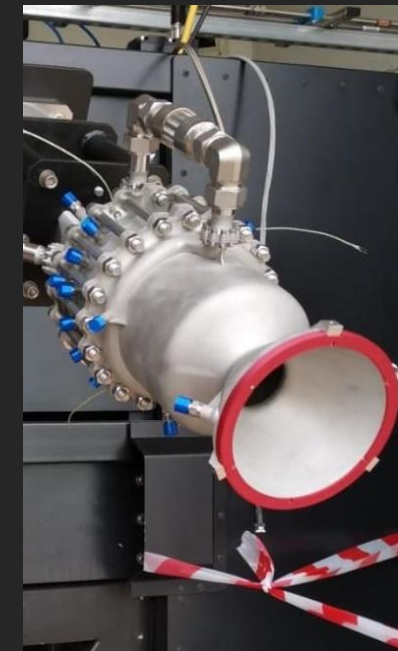
Ready For Fire Testing!!!

Reference Clients



Company that offers innovative, sustainable and affordable space exploration options.

- Propulsion system of VIRIATO project
- Innovative Additive Manufactured Cobalt Chrome 25kN engine
- Paper presented at Space Propulsion Conference, Glasgow 2024
- Quality Plan and Risk Assessment tailored to our client/project
- Oversight and support by ESA



Reference Clients

SIDEREUS



Italian Company pioneering Ultra-Responsive Orbital Access with EOS

- Multiple iterations of the MR-5 engine and turbo pumps
- Innovation design for AM
- Fast Leadtimes
- Completed Part
 - Heat treatment
 - Machining
 - Assembly verification



Reference Clients



Marketplace offering parts from prototyping to serial production on-demand.

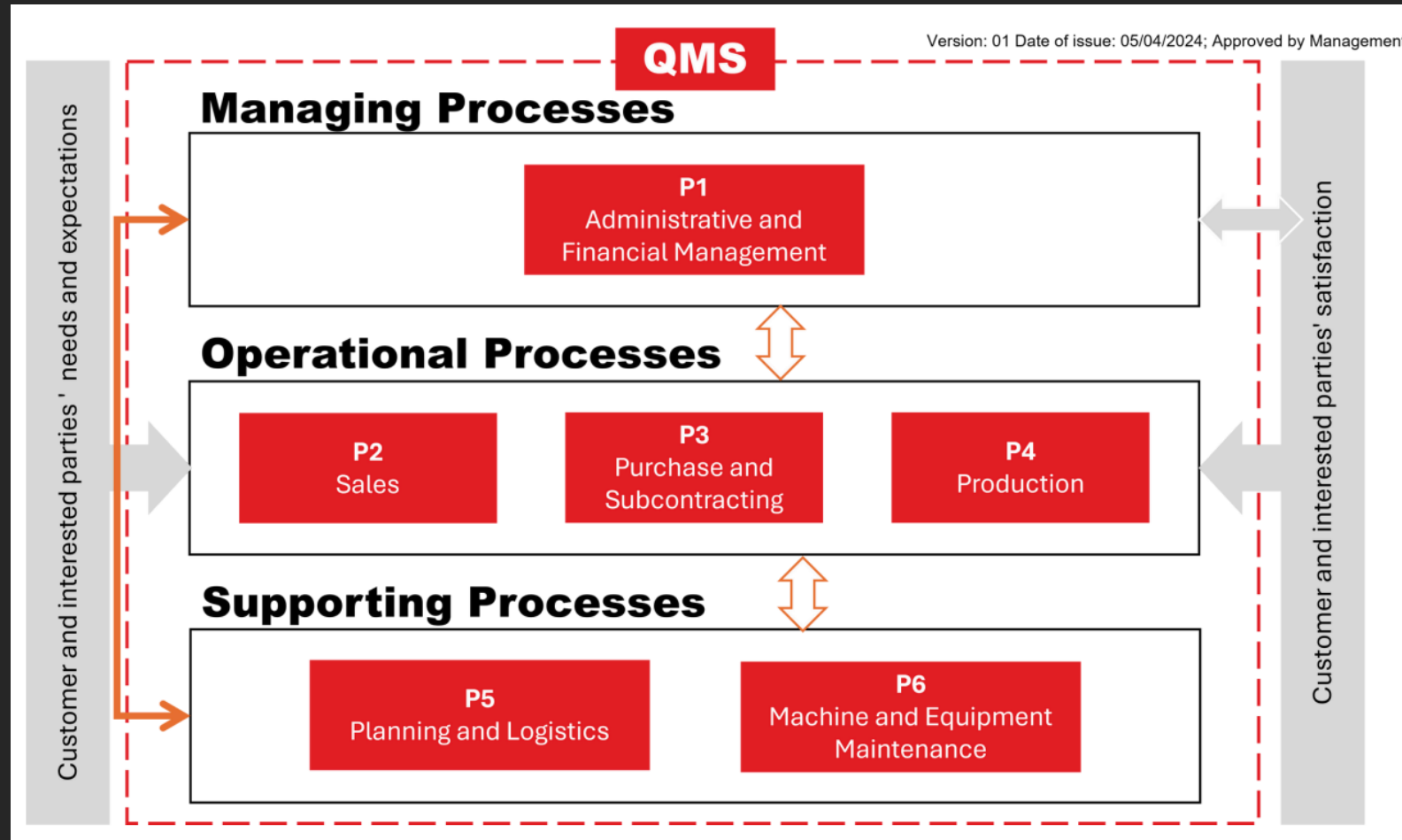
- +400 completed projects
- **Excellence Award 2023 and 2024**
- “ ...for recognizing your invaluable insights, consistent production of perfect parts, prompt assistance, and seamless collaboration.”



Quality Management



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Quality Standards

Work in Progress

- Implementing **ISO9001** and **EN9100**
- Final audits scheduled
- **Certification by a prestigious German institution:** Scheduled July 2025

Quality Management



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Contacts

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HYPER METAL ADDITIVE
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- 📍 R. das Pedreiras de S. Caetano, 309, Vilar do Paraíso, 4405-819 Vila Nova de Gaia | Portugal
- ✉ info@hypermetal.eu
- ☎ +351 220 135 162

