BIMO TECH

High-Performance Metals for Fusion & Space Applications

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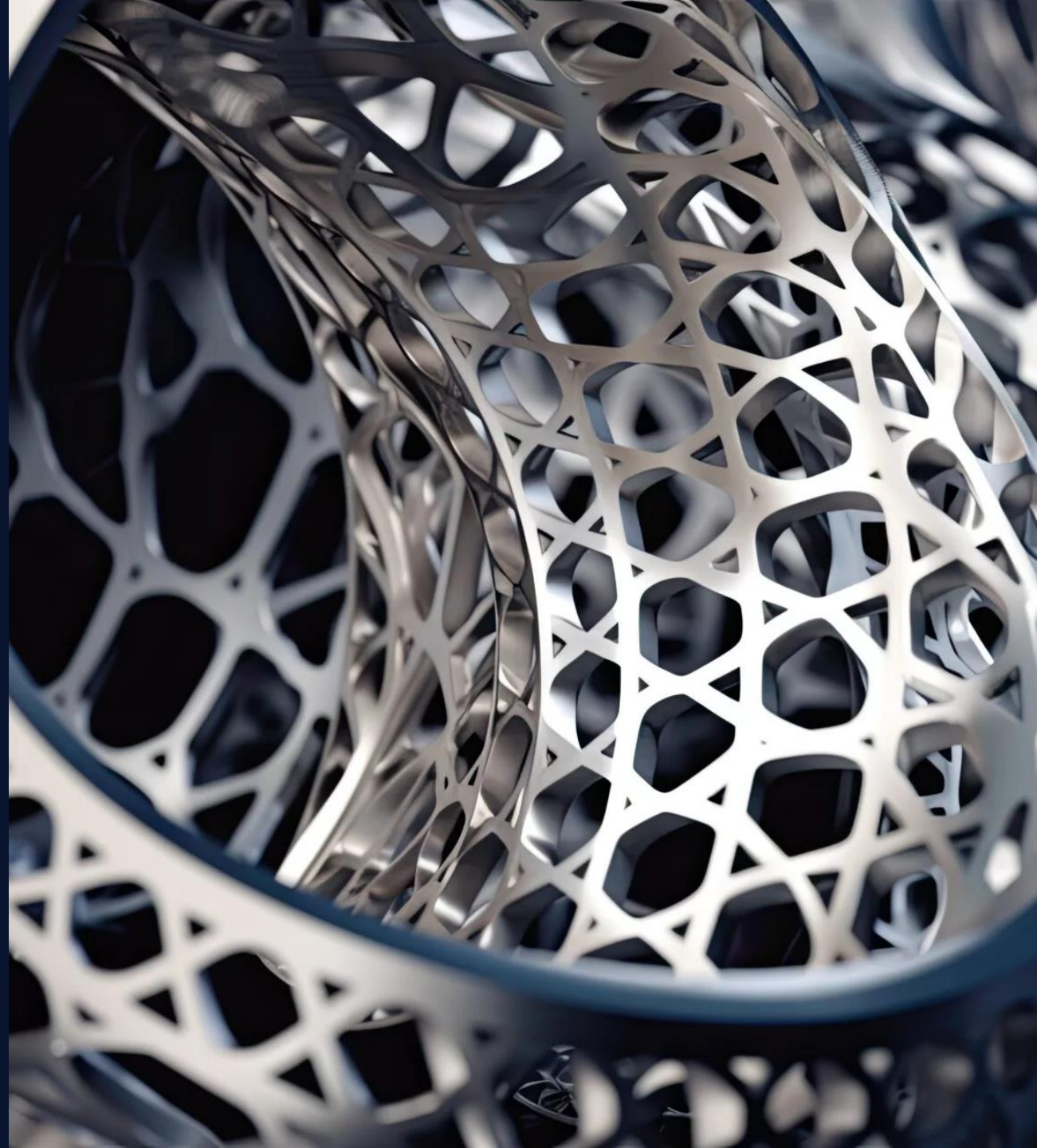


Product Range

Refractory High-Entropy Alloys (RHEAs)

High Entropy Alloys

316LN-IG, Nickel & Titanium Alloys

Tungsten, Molybdenum, Niobium, Tantalum, Rhenium, Rhodium, Zirconium

Copper & Copper alloys

Other metals and alloys available upon request

Machined Components

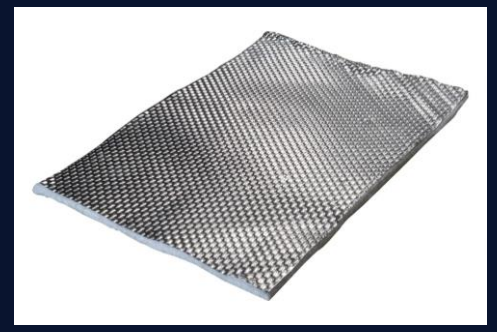
High-tolerance components made from titanium, nickel alloys, RHEA, HEA, tungsten, molybdenum, tantalum, niobium, rhenium, rhodium, copper and other metals.

Precision machining for aerospace-grade parts:

Nozzles

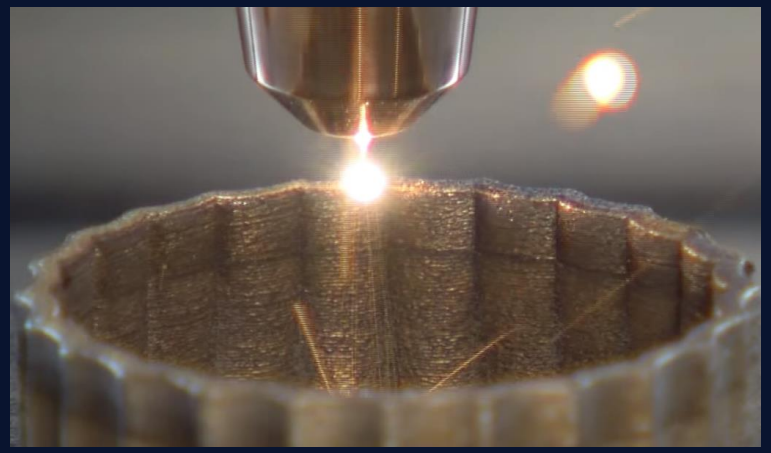
Combustion Chambers

Turbine Components



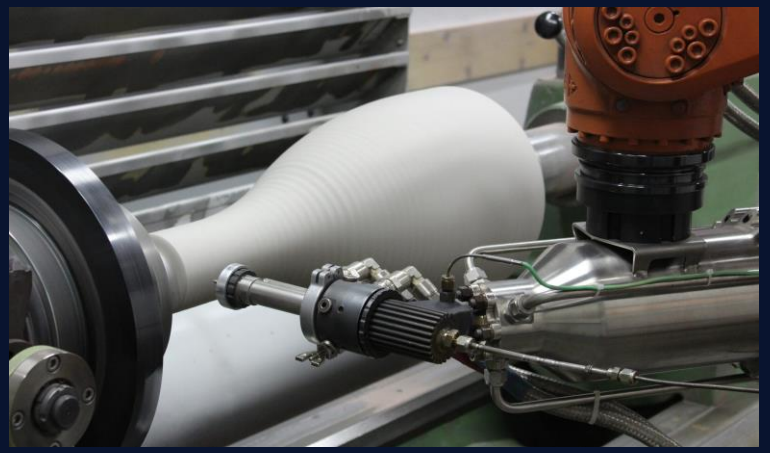
Other components

Comprehensive Manufacturing Capabilities



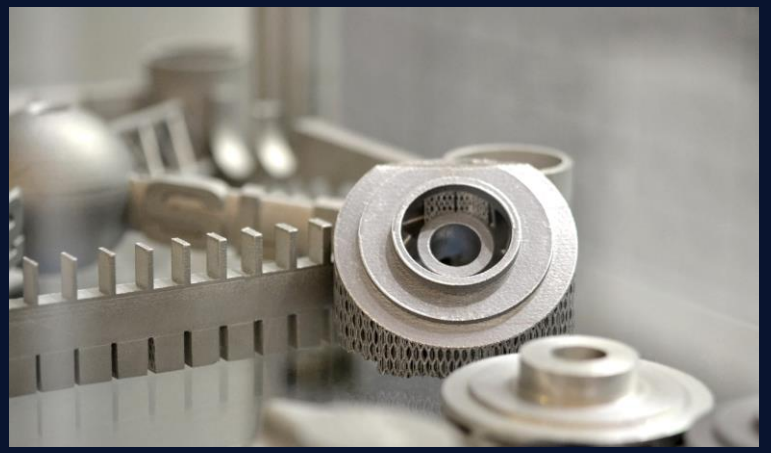
Additive Manufacturing

Freedom in complex, lightweight designs ideal for space parts



Cold Gas Spray (CGS)

High-quality coatings, AM, and component repairs without thermal distortion.



Hot Isostatic Pressing (HIP)

Enhanced material properties through uniform high-pressure heat treatments.

3. Comprehensive Manufacturing Capabilities

Precision Machining

High-accuracy fabrication for complex metal components

Casting and Forgings

Robust and high-strength components with custom shapes and sizes.

PVD Coatings

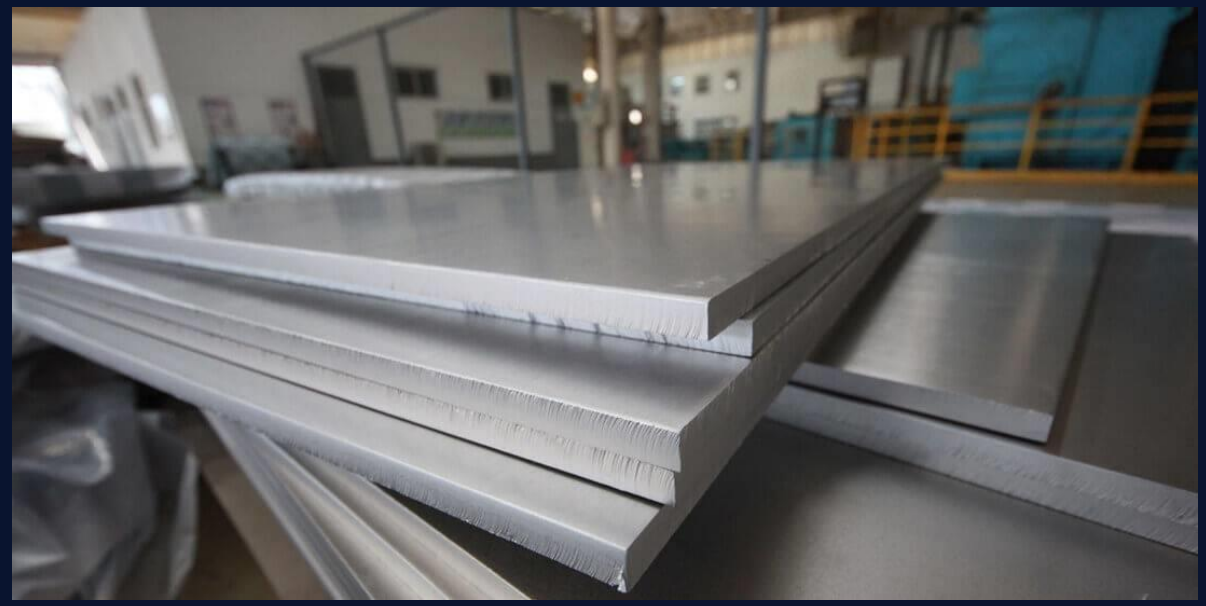
Vapour Deposition of thin coats for hardness and resistance

F4E Projects

- Titanium Gr2 for blanket system
- 316LN-IG tubes for cooling FWP
- 316L(N)-IG for PoPola retroreflector
- Rhodium target for diagnostic mirrors
- Special S235J steel order

Worked as Subcontractor

Titanium Gr2



Plates for blanket system

2 management systems	Chance to get a first contract
Longer response time	Chance to get familiar with tender and approval procedures

Worked as Subcontractor

316LN-IG

Tubes for cooling FWP and for PoPola retroreflector

2 management systems

Longer response time

Cooperation opportunities

Entering niche market

Worked as Main Contractor

Rhodium target

For diagnostic mirrors

1 management system

Short response time & help

Boosting R&D and cooperations

Exposure Development of technology

Direct sample order

S235J steel

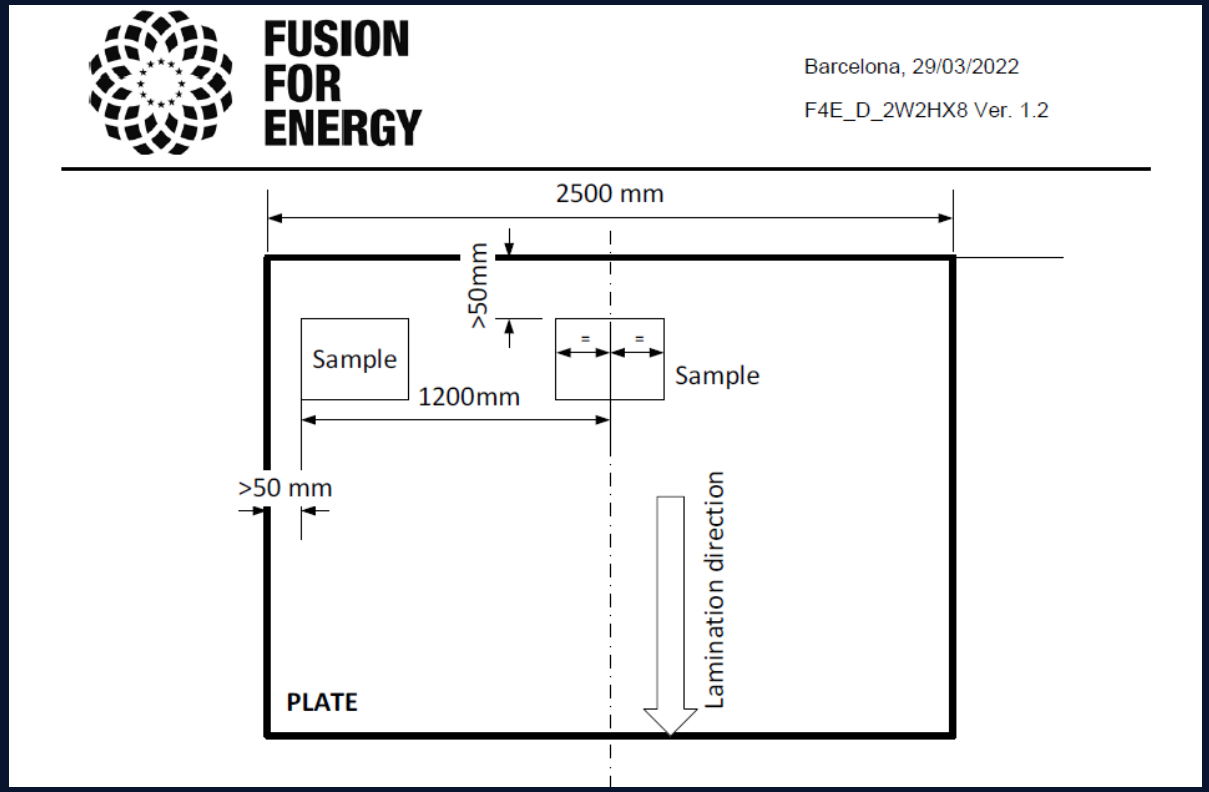
For material testing

1 management system

Quick PO

Future prospects

Fast-track access



Key lessons your company has learned from your experience with F4E

Working on BigScience Projects

Great R&D and business network booster

Working with big companies and academia

Hiring bigger companies as subcontractors. Working with scientists.


FUSION FOR ENERGY

ANNEX B – TECHNICAL SPECIFICATION

PROCUREMENT OF A RHODIUM SPUTTERING TARGET FOR THE EP-WAVS ITER DIAGNOSTIC

idm@F4E Reference:	F4E_D_2TZGA7 v1.1	Call No	F4E-OPE-1205-Lot1

Meeting Technical Requirements

Working on very specific and demanding requirements. Preparing Manufacturing Dossiers

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Let’s Power the Future with Fusion Together!

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