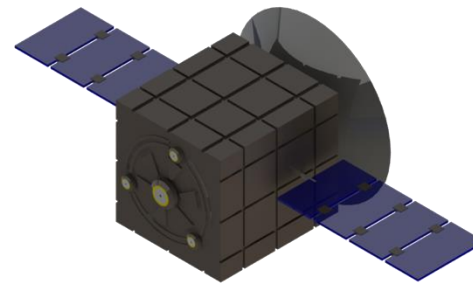


NEUTRON STAR SYSTEMS

HYPERION: Autonomous Resilience for Space Sovereignty

Superconductor-based Readiness Enhanced Magnetoplasmdynamic Electric Propulsion (SUPREME) Contract
N° 101113107

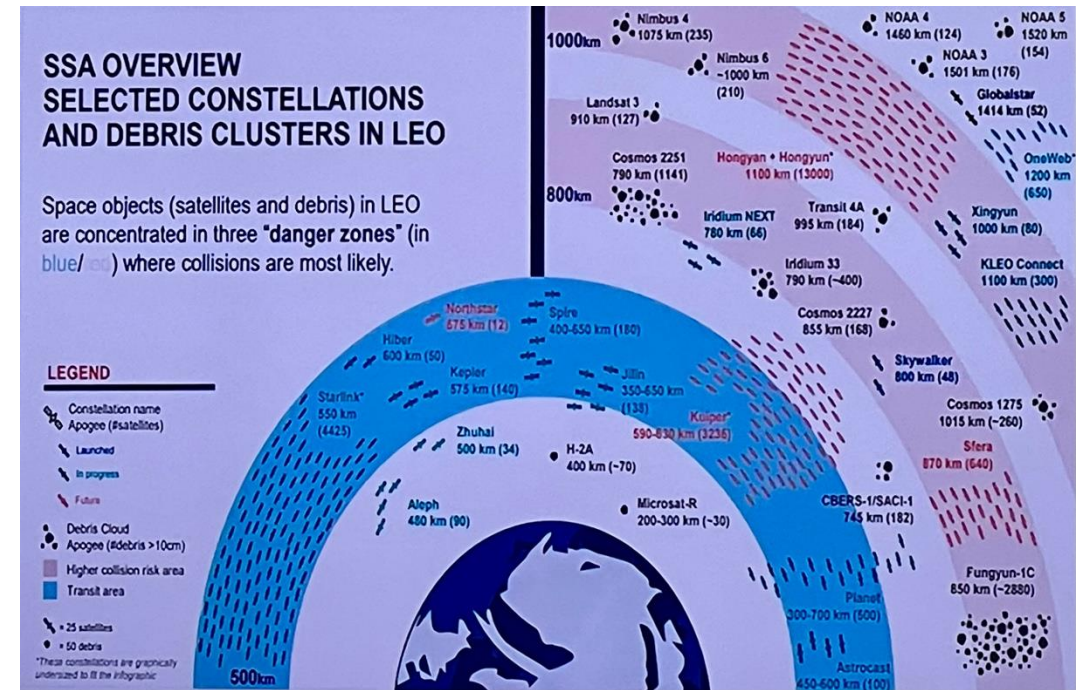
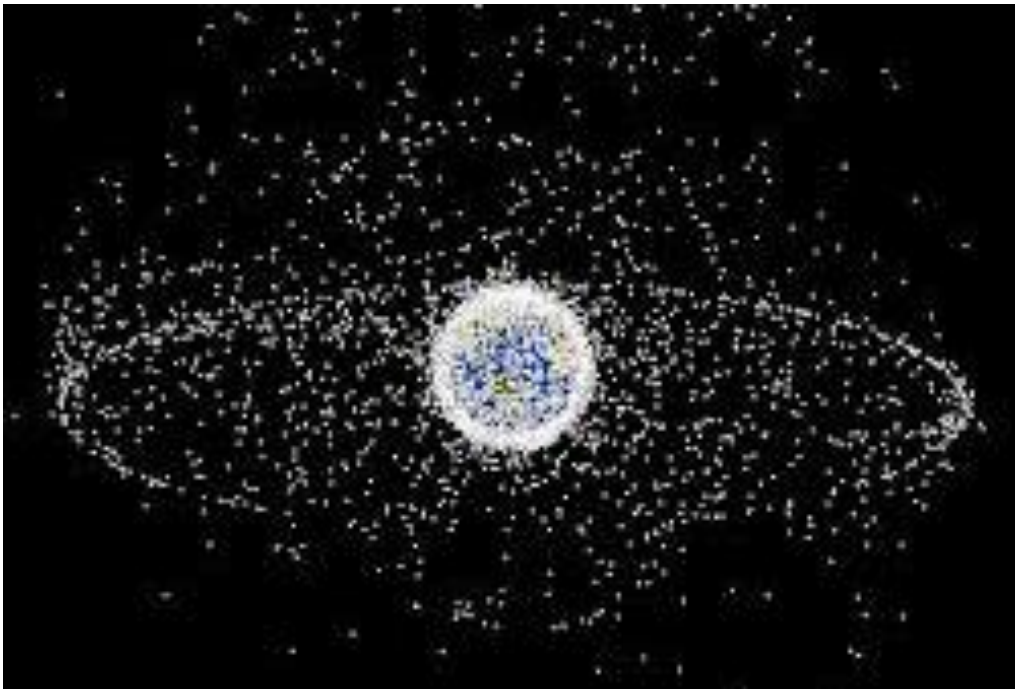


Manuel La Rosa Betancourt
CEO & COFOUNDER

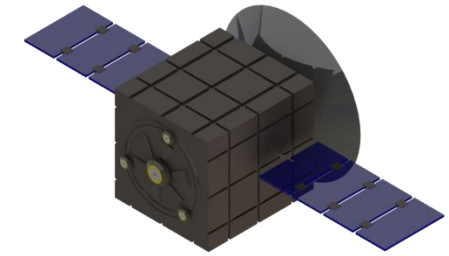
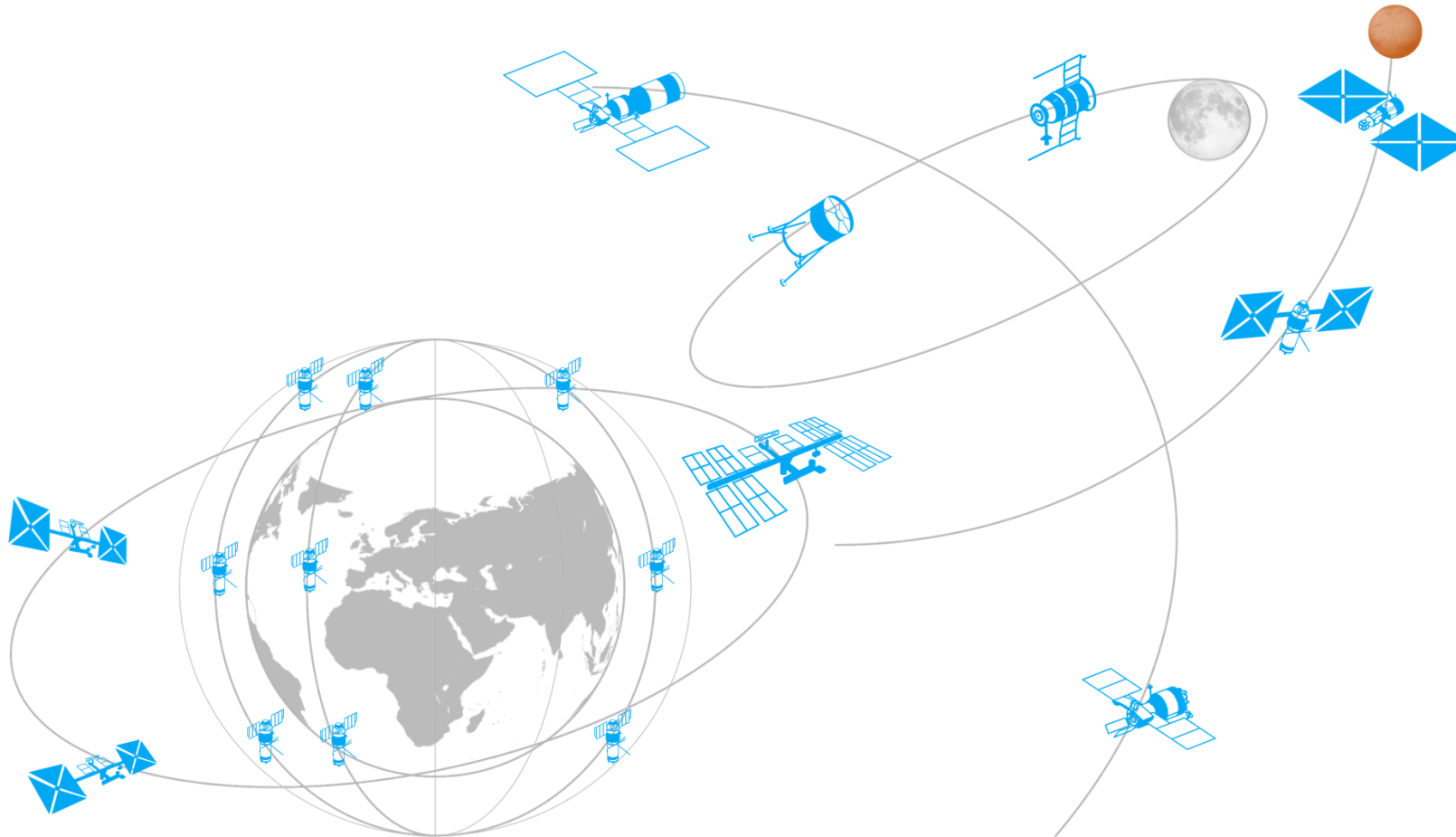
February 2025

Market Segment: OSAM, SSA, and Defence

Europe needs autonomous, resilient space systems to secure assets in contested orbits, ensuring mission continuity and real-time threat response in defense operations.

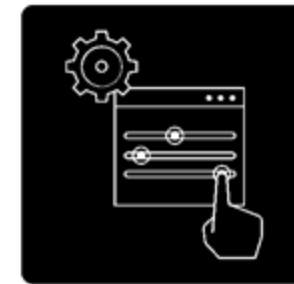
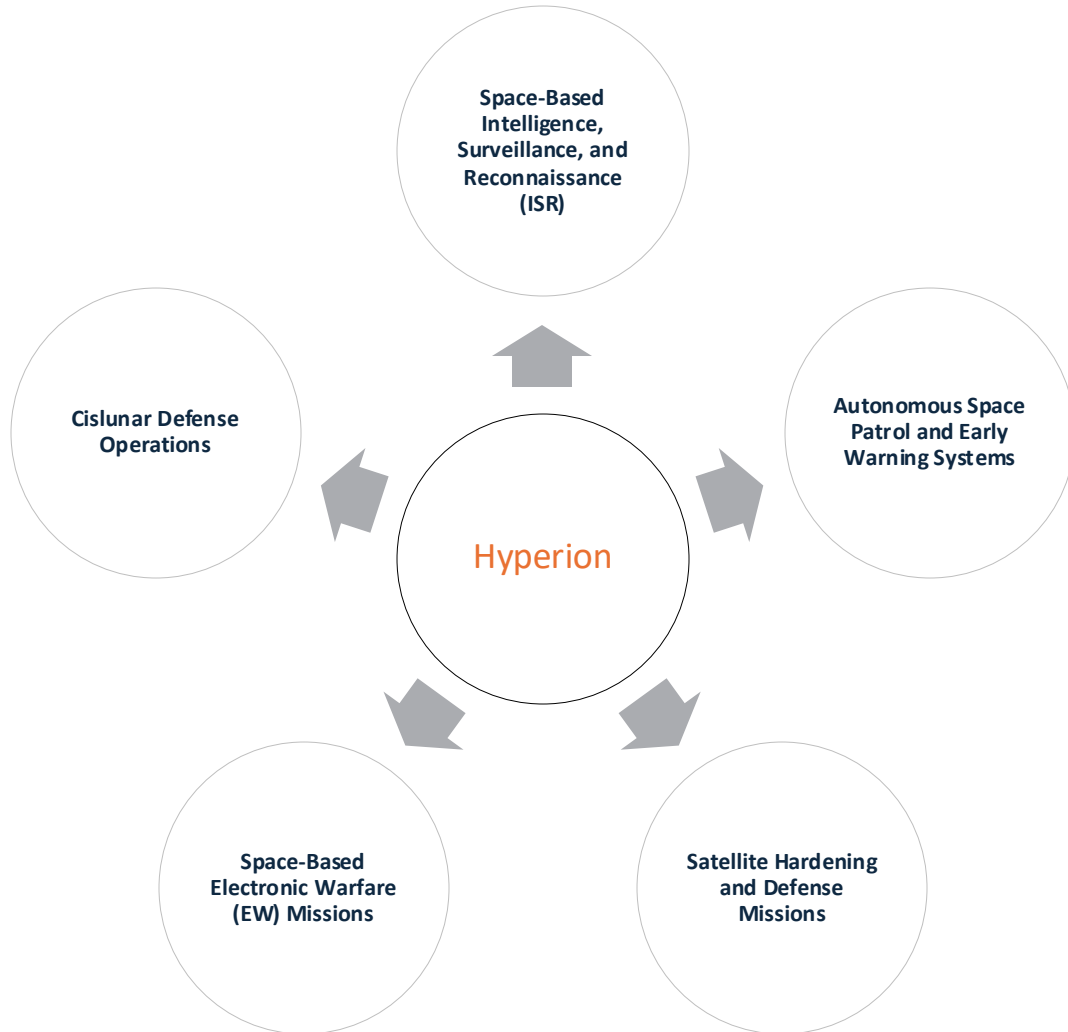


Company Positioning: *"Innovating at the Intersection between Space and AI"*



Neutron Star Systems leads in hybrid propulsion and AI-driven autonomy, delivering versatile, energy-efficient spacecraft solutions that ensure mission success for commercial and defense sectors in contested, unpredictable environments."

Company Positioning: *"Innovating at the Intersection between Space and AI"*

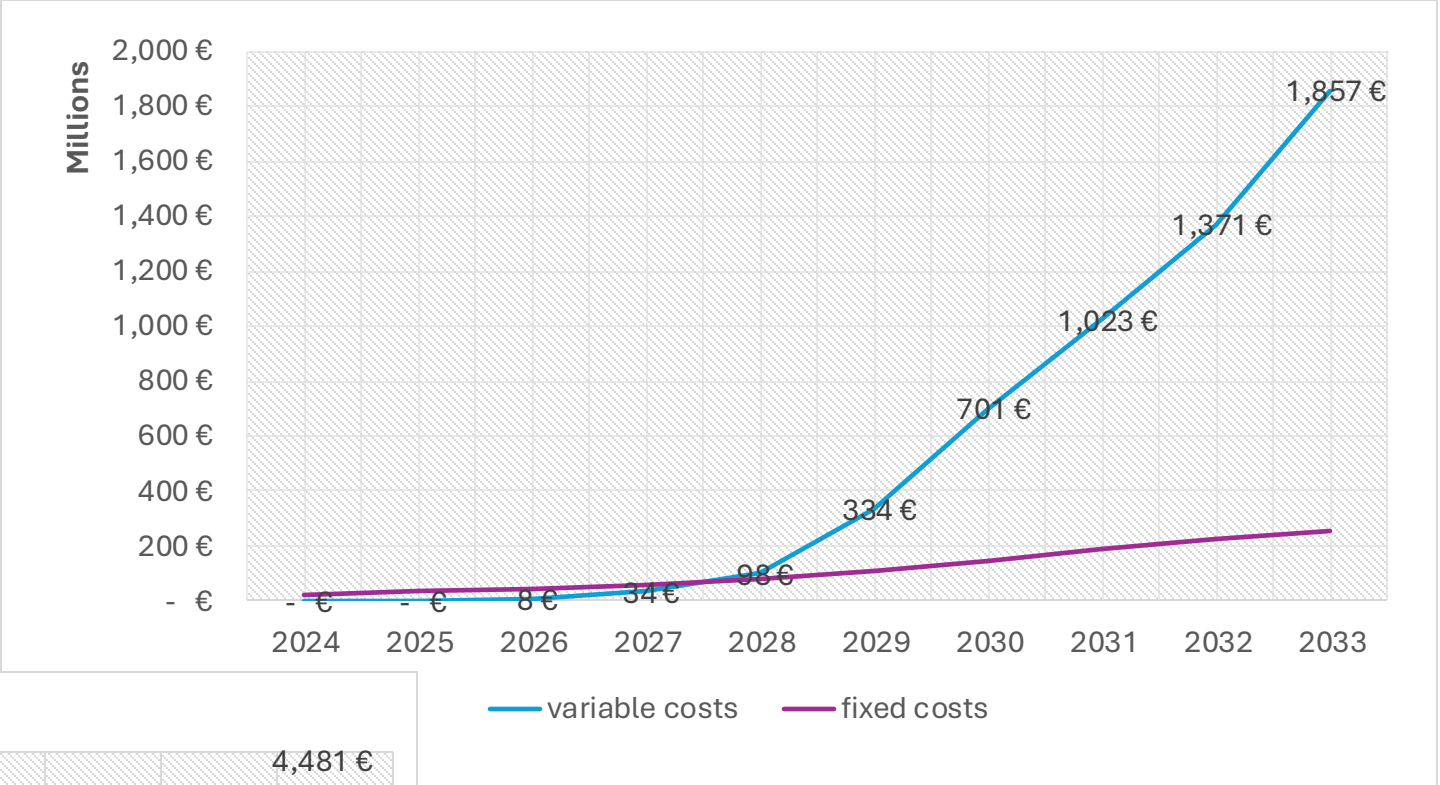
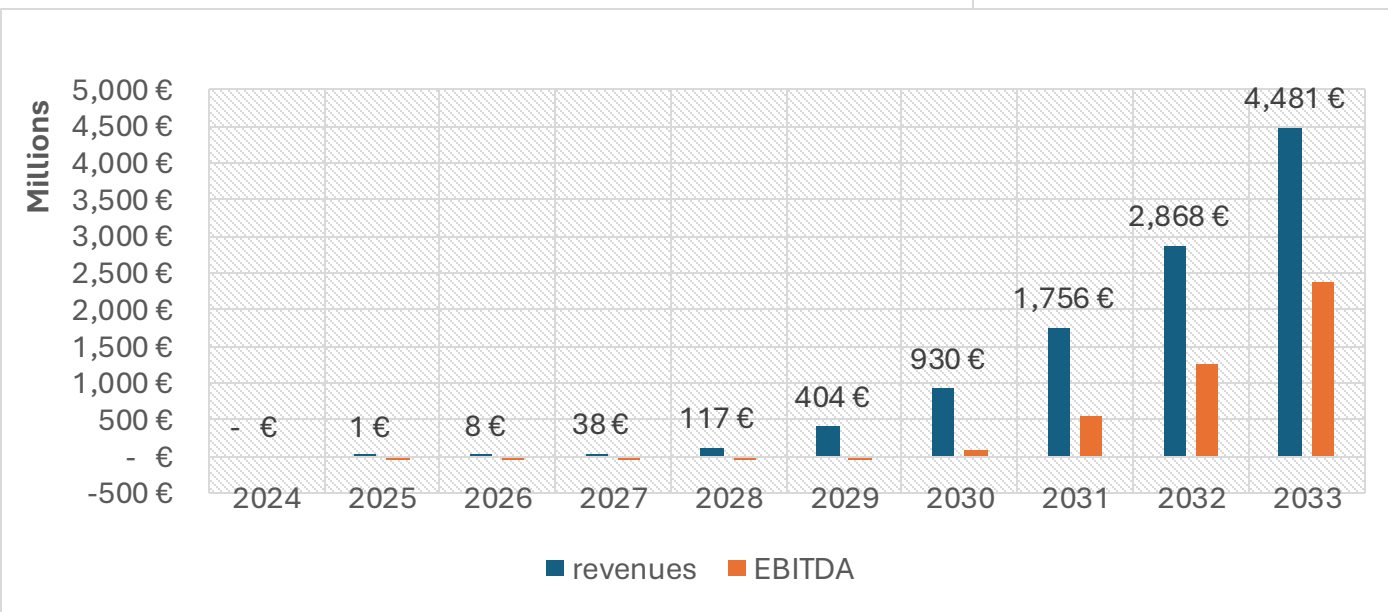


Hyperion, powered by SUPREME's hybrid propulsion, offers unmatched propellant flexibility, scalability, and AI-driven autonomy.

Its versatility supports ISR, satellite defence, space debris removal, and deep space missions, ensuring operational resilience in defence.

Financial Model: Delivering Value for Commercial and Defence Applications

Sales and EBITDA Hyperion Platforms



Hyperion Financial Model: Fixed and Variable Costs Projections

Key Management: *“Meet the Leadership Behind NSS”*



Manuel La Rosa Betancourt
CEO

- Materials
- Superconductors
- Space Systems



Dr. Michael Winter
Chief Electric Propulsion and Reentry

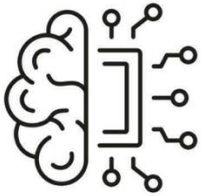
- Electric Propulsion
- Re-entry
- Plasma Diagnostics



Paul Mendoza
Operations Manager

- Procurement
- Project Management
- Operations Excellence

Technology: *“Hyperion’s technological edge” based on SUPREME Multimode Propulsion*



Manoeuvrable

- Efficient Travel
- Powerful Performance



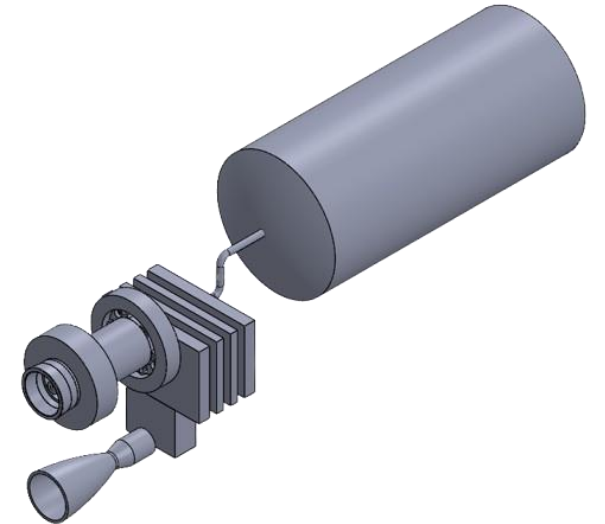
Propellant agnostic

- Cost-Effective Options
- Enhanced Versatility

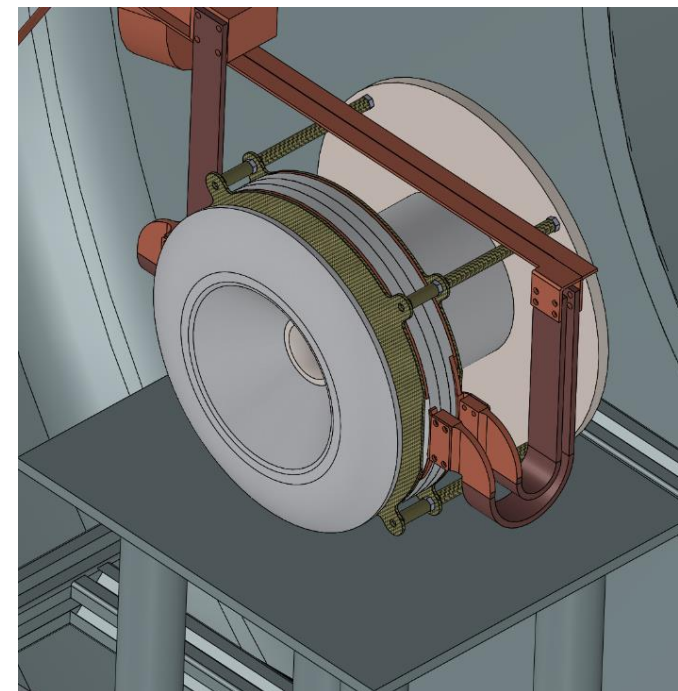
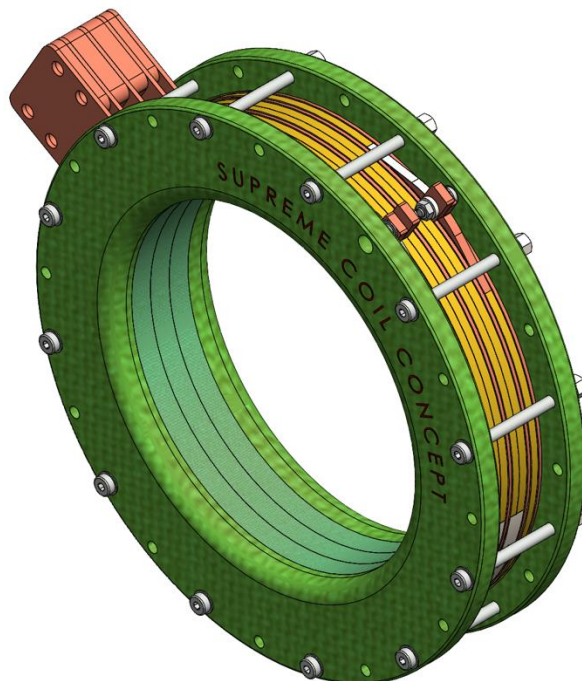
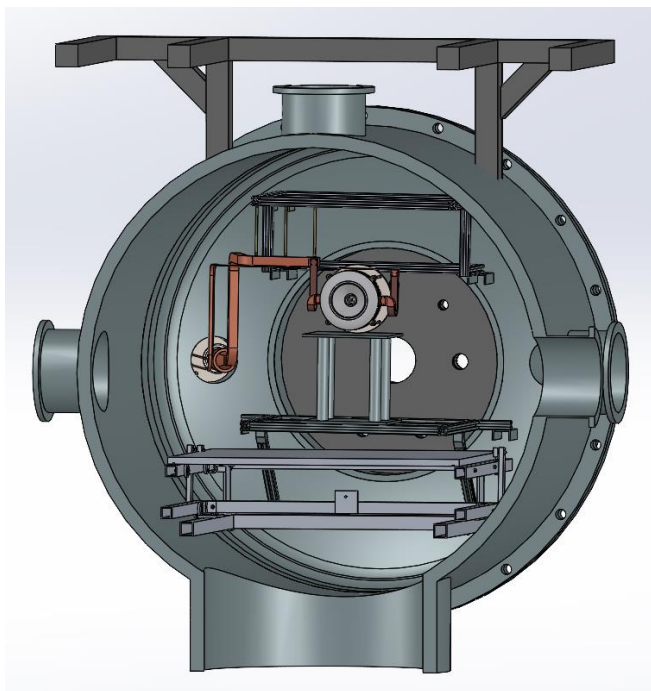


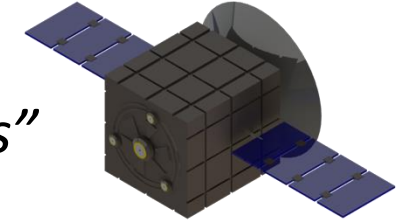
Highly scalable

- Optimized Payload
- Tailored Solutions

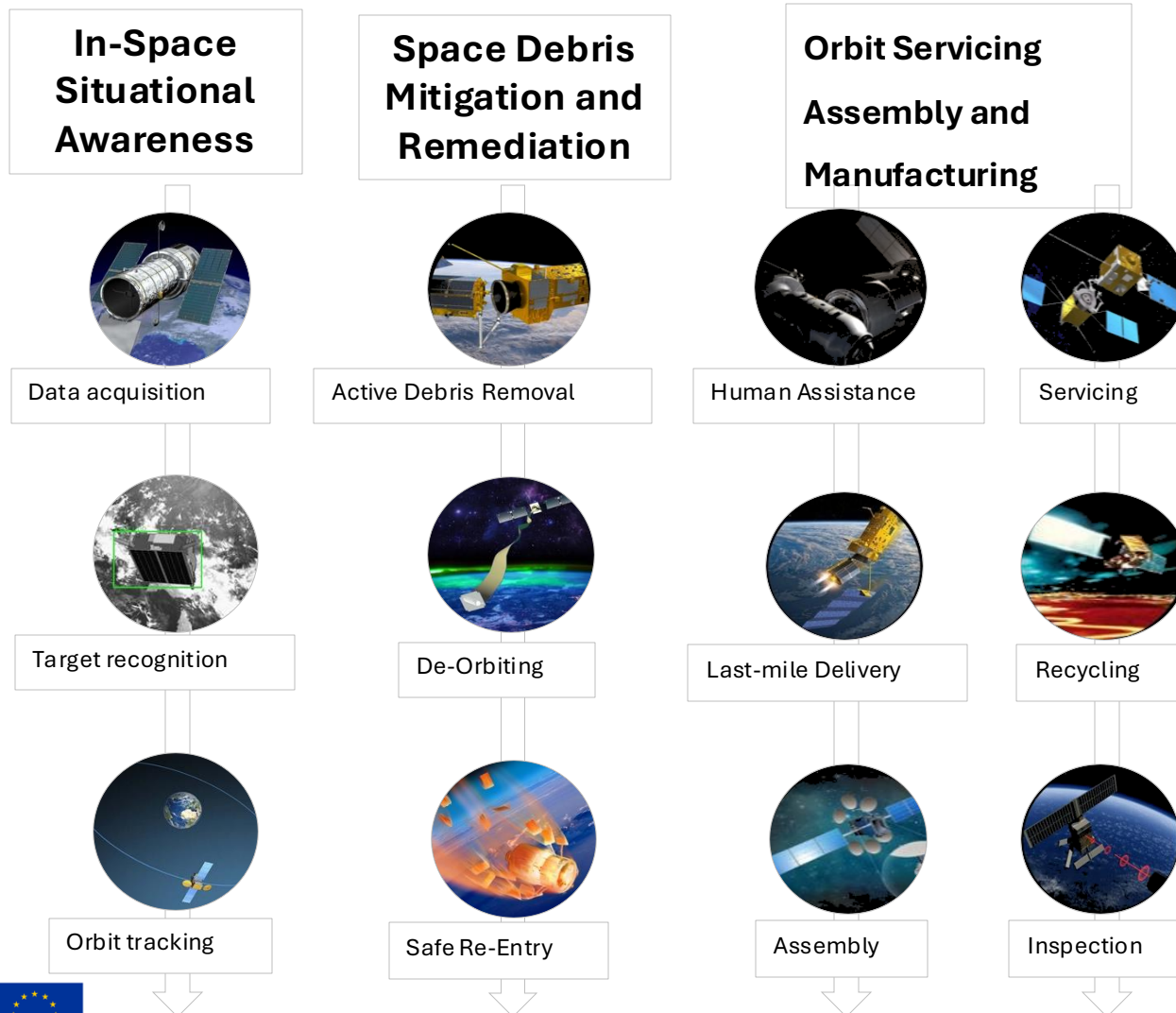


Technology: *“Hyperion’s technological edge based on SUPREME”. - Critical Design Review December 2024 and now moving to procurement and constructions phase.*





Technology: *“Hyperion’s technological edge focused on customer’s missions”*



Modular Plug & Play	Multiorbit
Scalability (1-1000kW)	Multi-mode propulsion
Autonomous	Collision Prediction
Collision Avoidance	On-Board computing
Sensor Imaging	STM

Market and Competition: "A Growing Market with Room to Lead"

Power	Applications and Use Cases	Satellite Weight (Kg)	N° Satellites	SAM (Bio. €)	SOM (Mio. €)	Target
1 kW	Satellite constellations for Autonomous Space Situational Awareness, Hosted Payload solutions, Earth Observation	500-799	3,928	€3.9	€182	4
5 kW	Space Situational Awareness, GEO Communications , Orbit Servicing, Active Debris Removal, Assembly and Manufacturing	800 -2500	1,081	€5.3	€490	9
20 kW	Solar Weather Monitoring, Station-Keeping for Space Stations, Cis-lunar Cargo Transfer, Satellite Servicing	4000-10,000	168	€2.5	€445	17
100 kW	Cargo Transfer to the Moon and Mars, Manned missions	>10,000	20	€1.5	€300	20

*The quantities of satellites and the estimated manufacturing prices until 2031 are based on research by EuroConsult and was last updated in October 2023

Go-to-Market Strategy: “Strategic Path to Market Adoption”

TRL 6-7



Q2- 2028

EIC Accelerator (In-Orbit
Demonstration) €2.5
Million non-dilutive funding
and €10 Million matching
funding from EIB.

TRL 5



Q2- 2026

EIC-Transition
SUPREME (MVP)

Closing and Call to Action: *"Join us on securing the future of Space Defence*

Invest in NSS Resilient Team and Strong IP Portfolio of Technologies

We seek **€5.000.000 in seed** funding to reach TRL 6 using COTS subsystems by Q2 2026. Scale up the team to 20 members. Secure IP portfolio with positive FTO analysis in USA, Europe, UK, Japan and secure signed first customer.

Join us in developing the next-generation European platform for defence and space resilience. Partner with us today.

THANK YOU!