



Welcome to e.NOVA Aerospace's poster showcasing our innovative approach to **atmospheric re-entry** technology through the **Back From Space (BFS)** project.

Explore how our **Flexible Thermal Protection System (F-TPS)** is revolutionizing access to space and enabling frequent, **cost-effective** microgravity experiments. Discover the future of space transportation and the transformative impact of the BFS project.

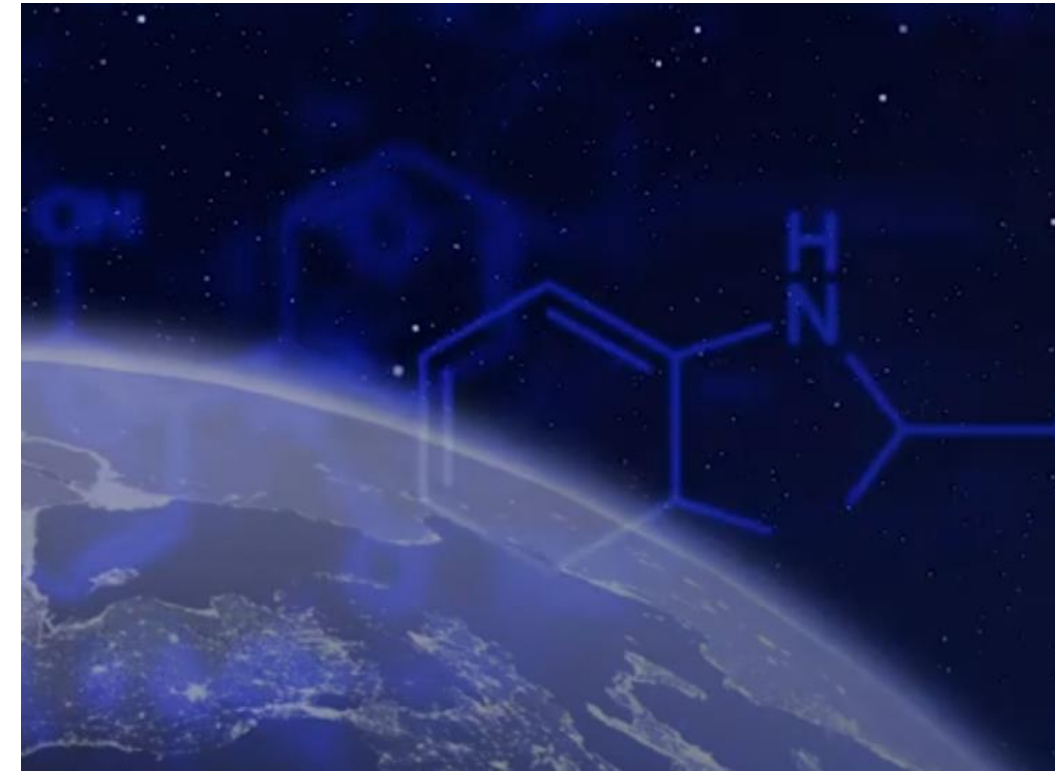
We invite you to explore further and engage with us to shape **the future of space exploration**.



MARKET STUDY

In-Space Experiences

- Universities
- Research labs

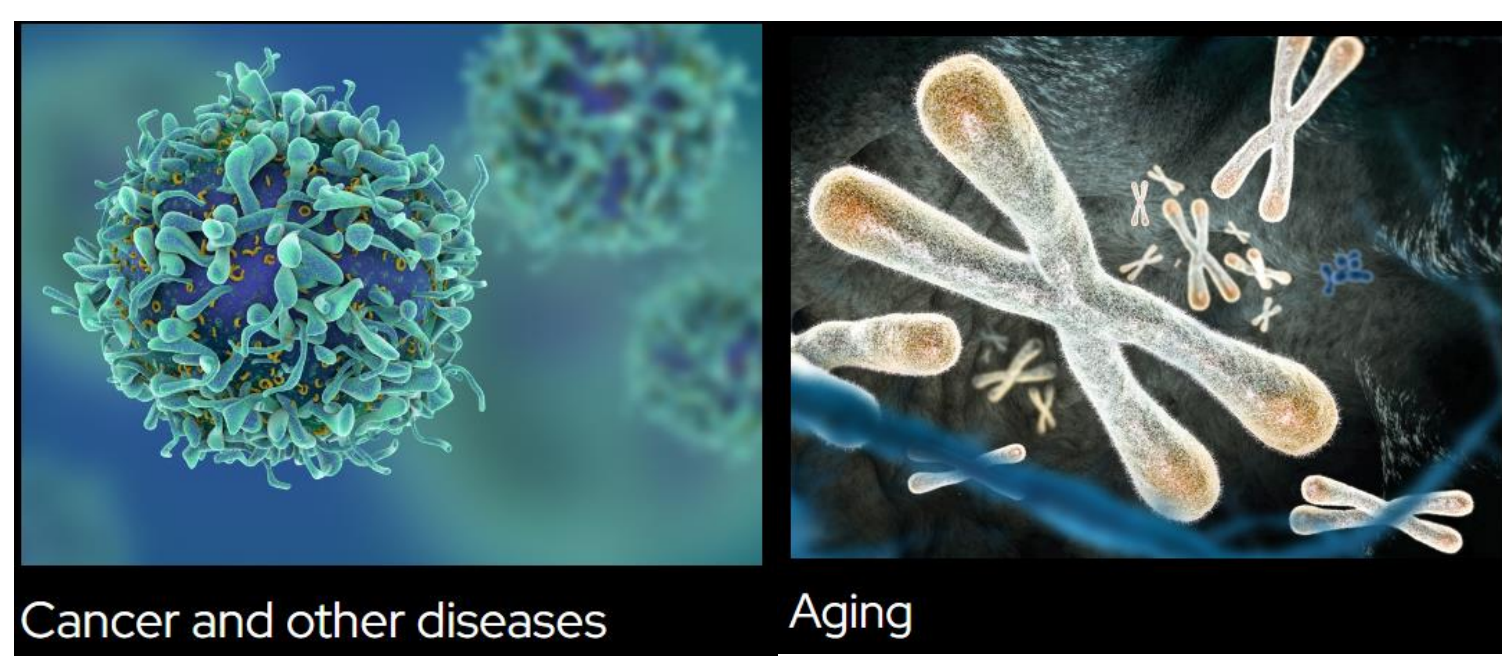
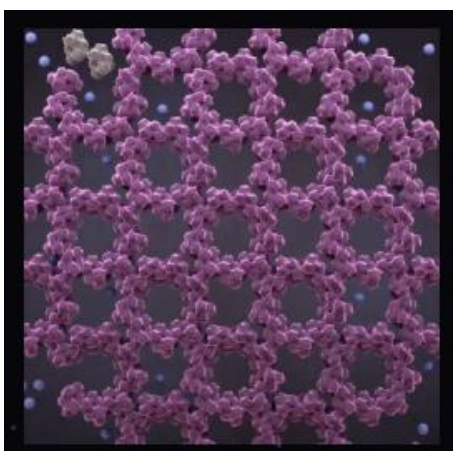


In-Space Production

- Pharmaceutical
- Biological
- Cosmetic

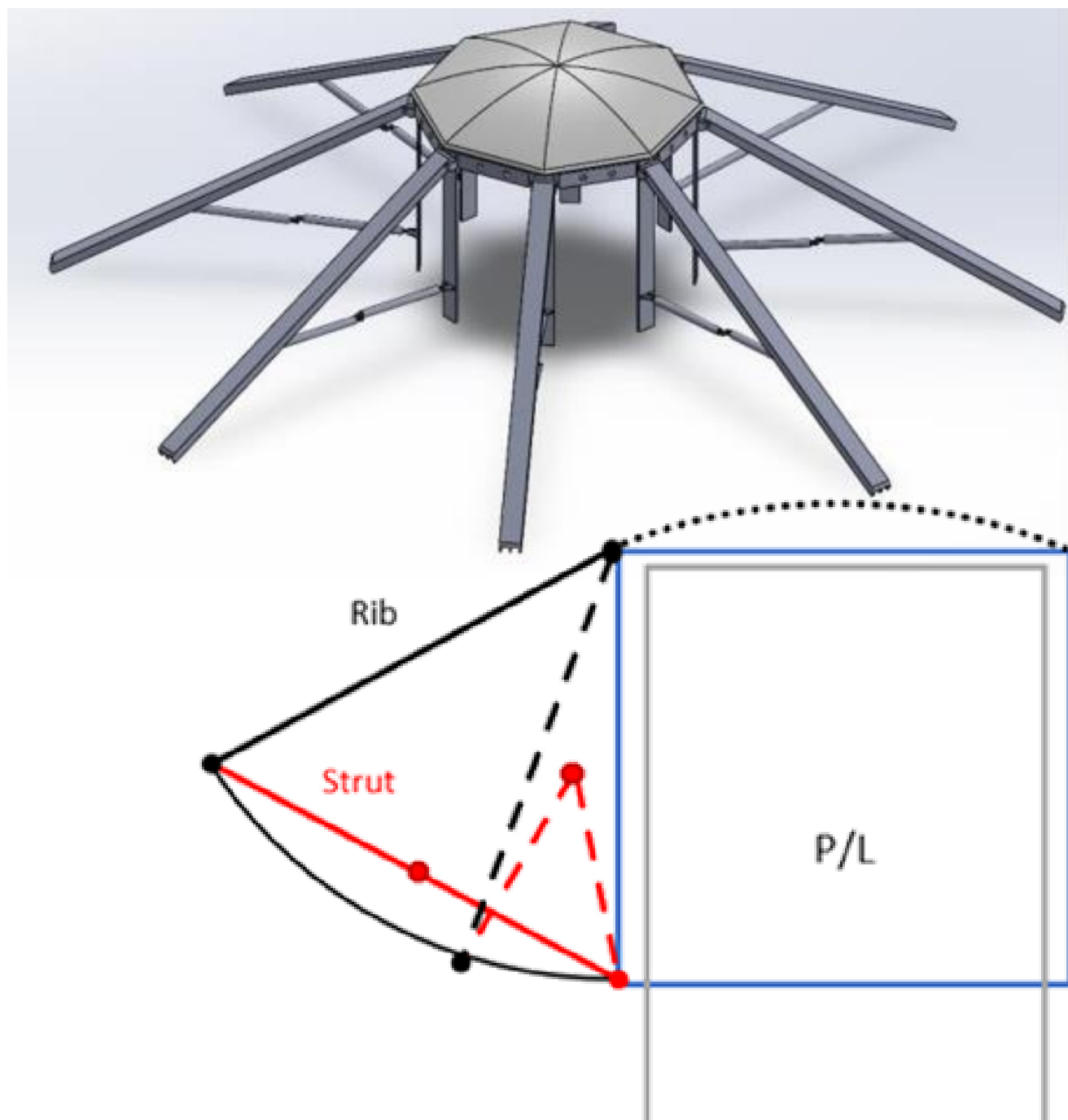
Luxurious Products

- Marketing Campaign



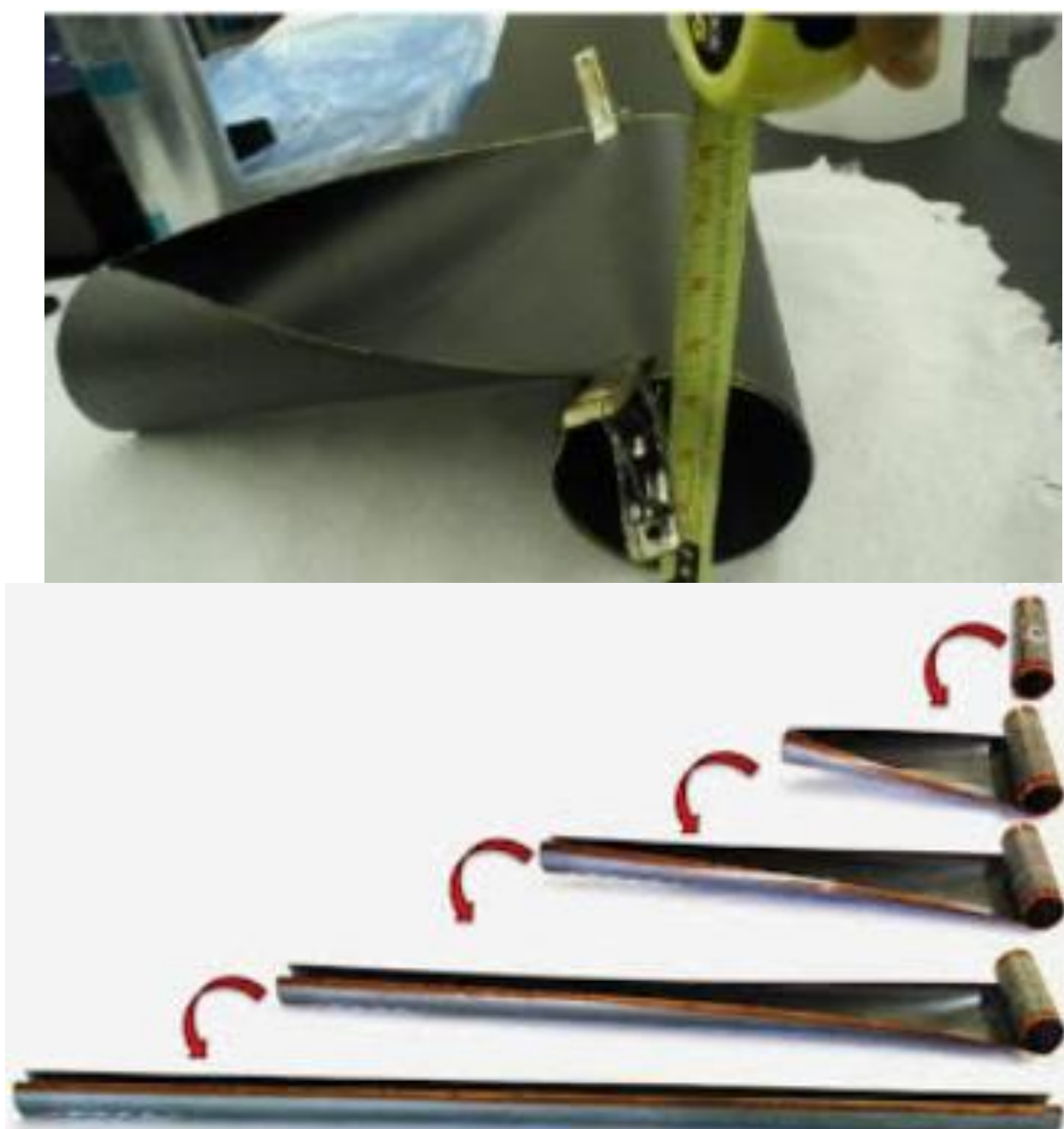
DEPLOYMENT

Mechanical Struts

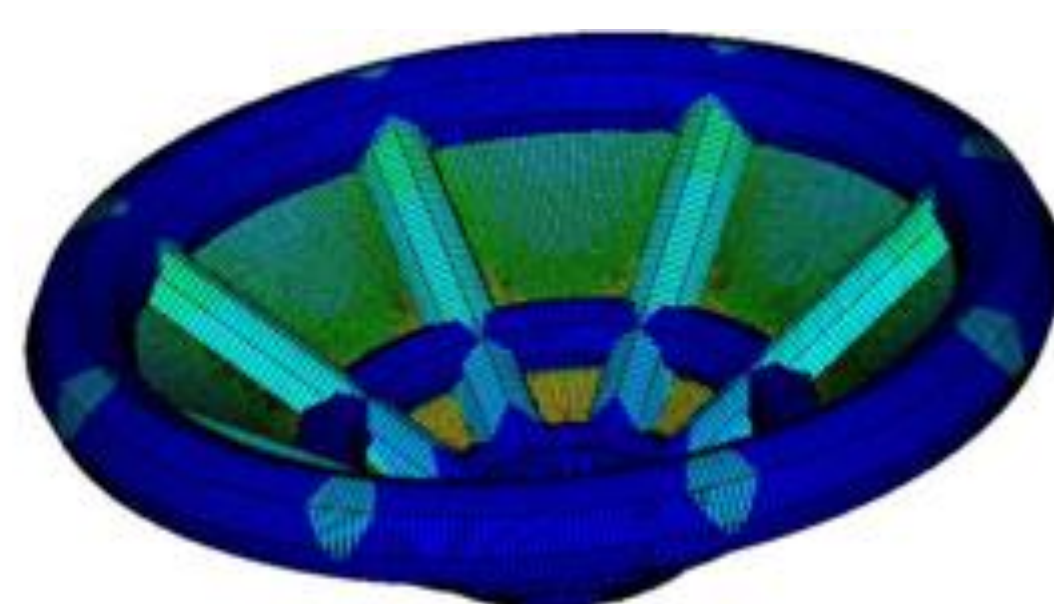
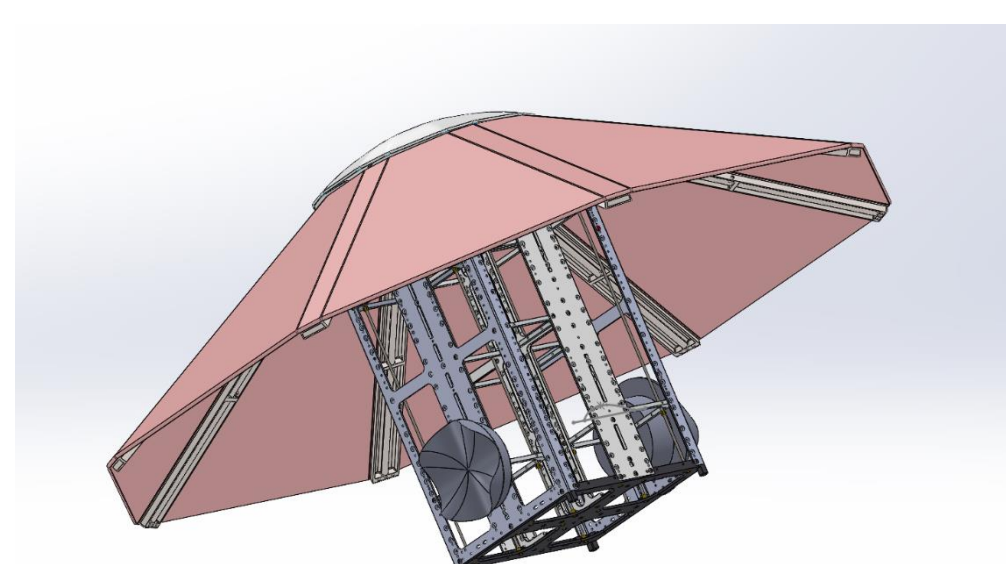


A Pre-deployed F-TPS

Rolled Ribs



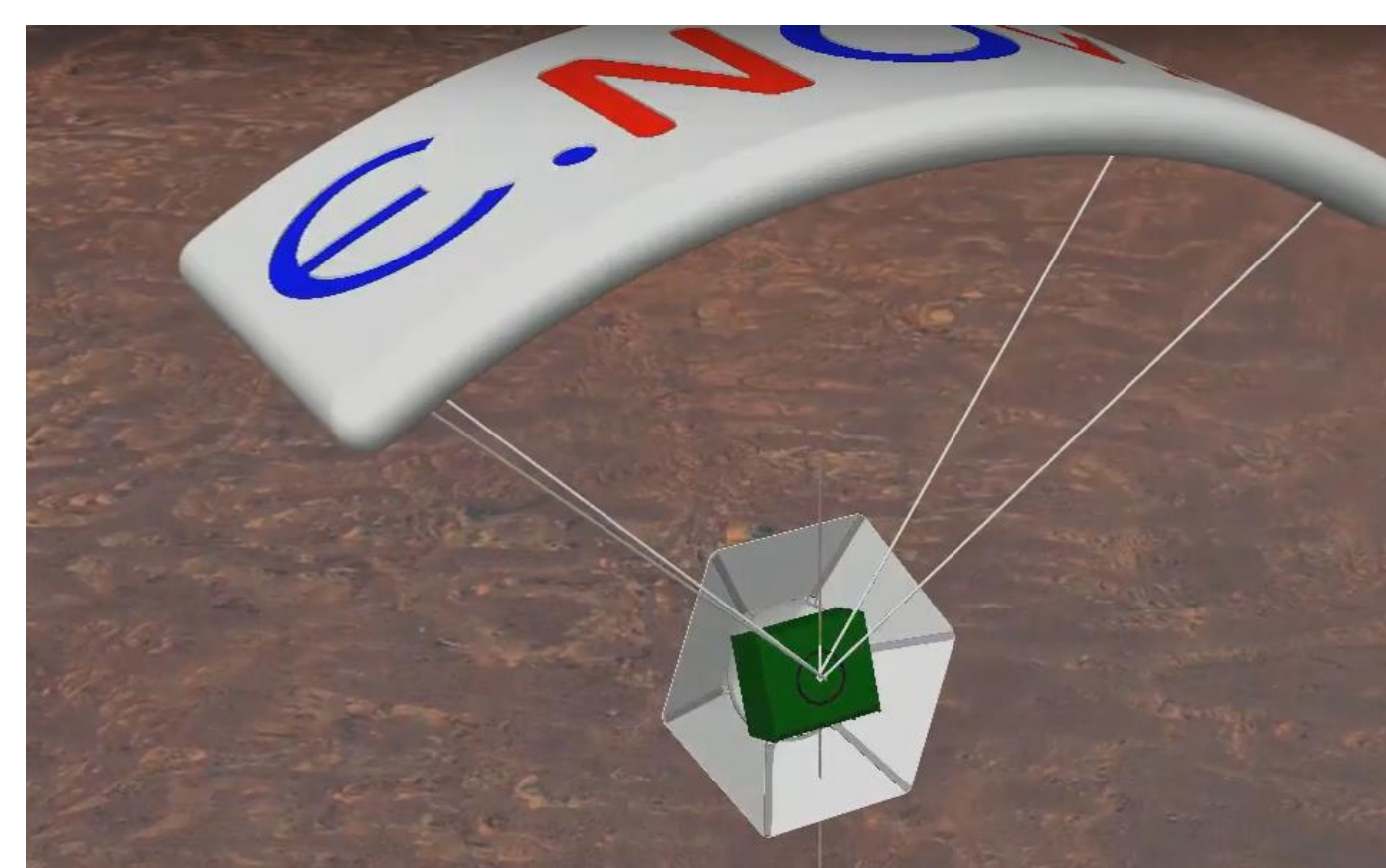
Inflatable RIBS



LANDING CAPABILITIES

Controlled Parachute

- Reducing our budget accuracy
- Opening in sub-sonic speeds
- Pin-point landing

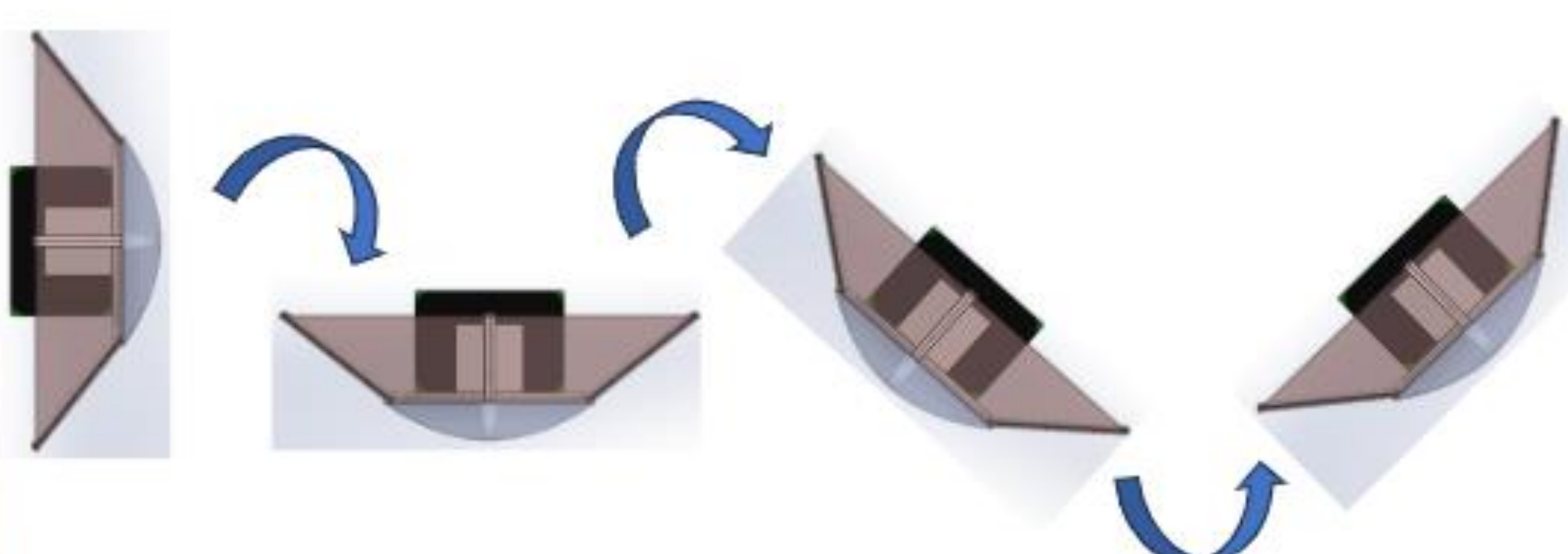


Soft Landing

- Sea or Ground?
- Orientation of the BFS
- Crushing foam

Recovery of the Payload

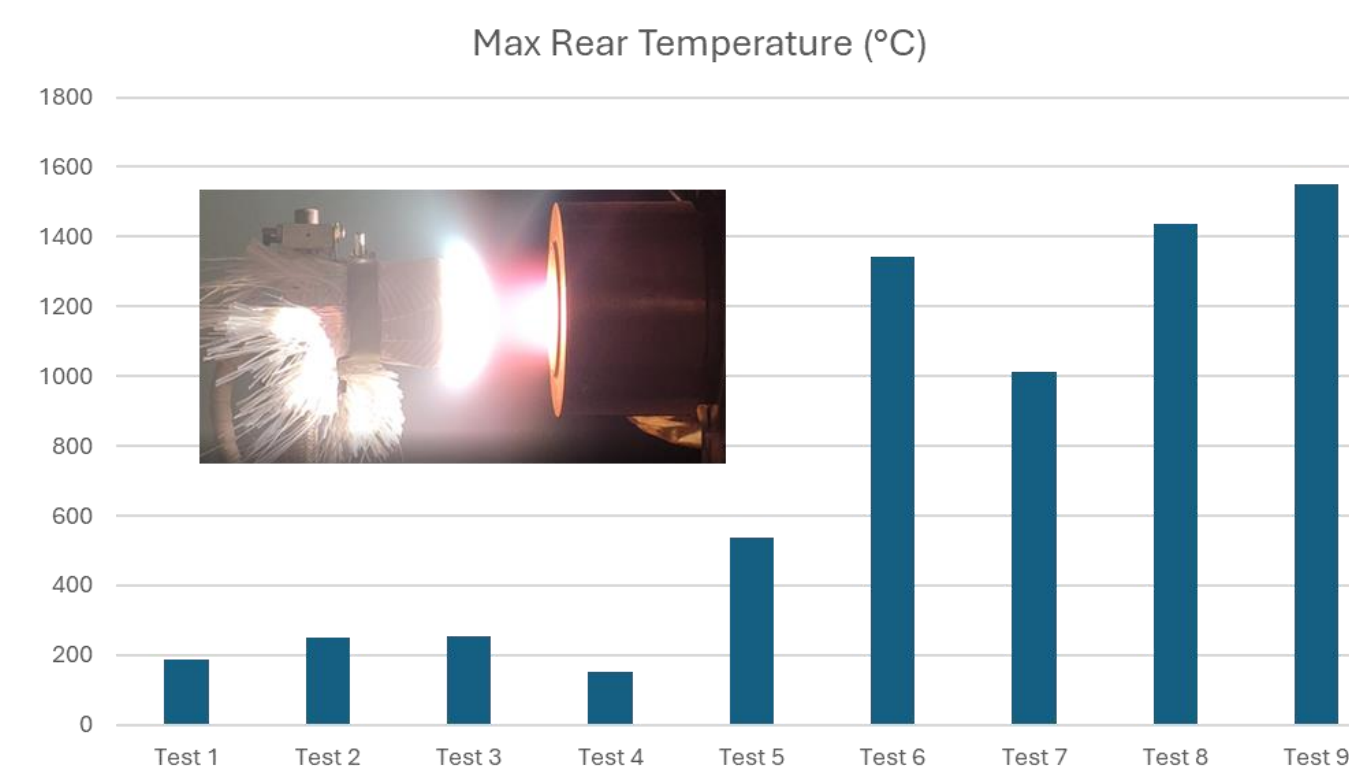
- Localization beacon
- Shipment to the client within 24h



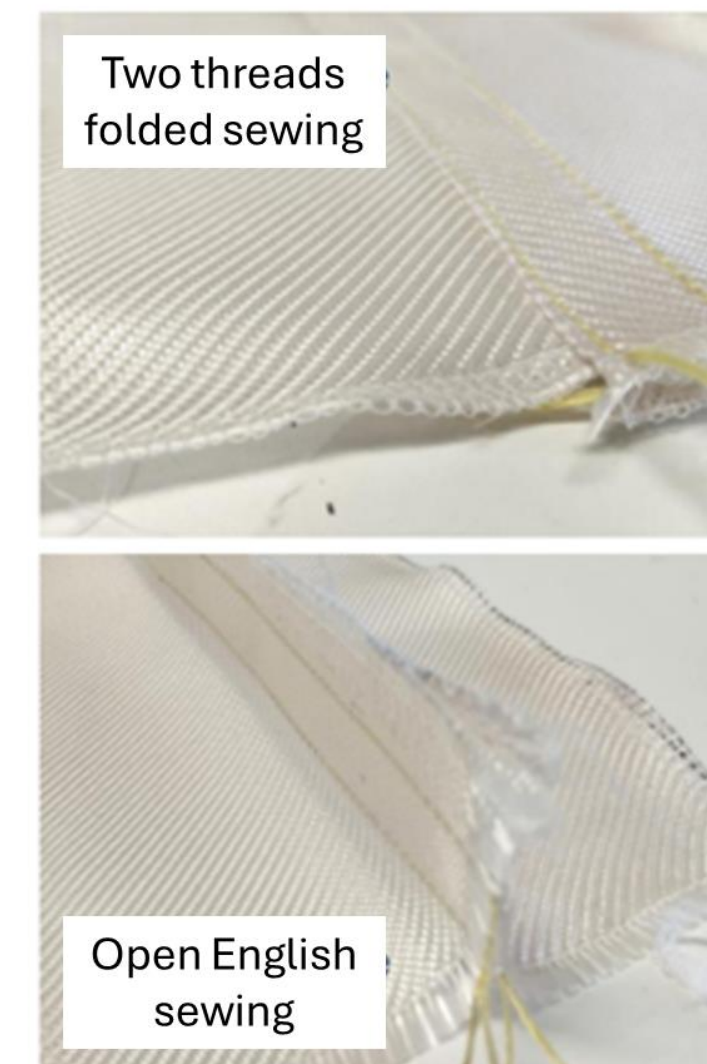
Scan me for more information

F-TPS

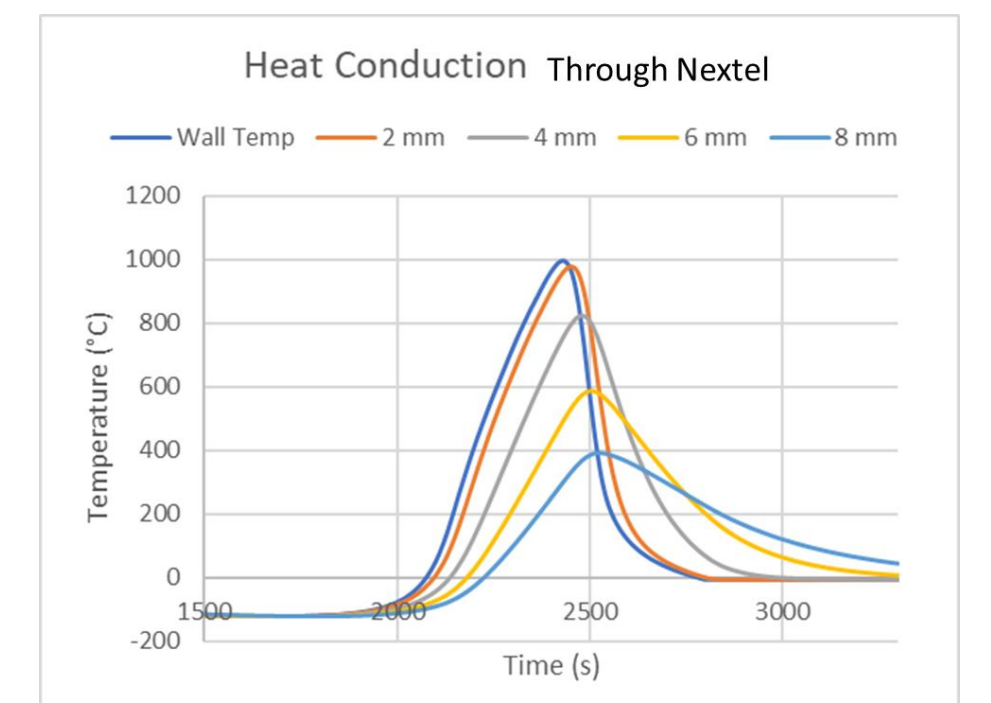
Material Selection



Fabrication & Sewing



Thermal Resistance



Geometry & Efforts



Folding Technics



ELECTRONIC UNIT

Communication

- Telemetry
- Potential remote control
- SatCom, Iridium

Localization

- GPS
- Rendezvous & Docking
- Ground beacon

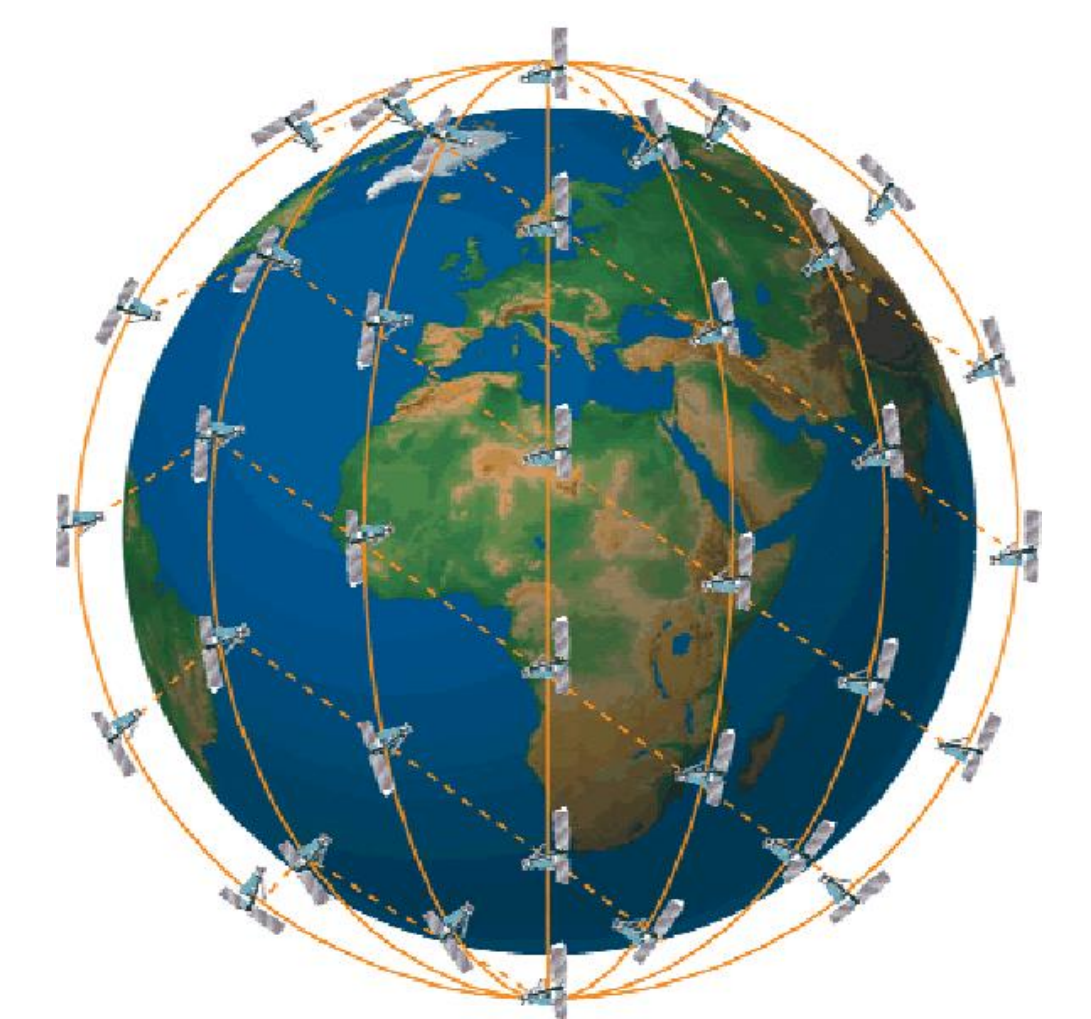
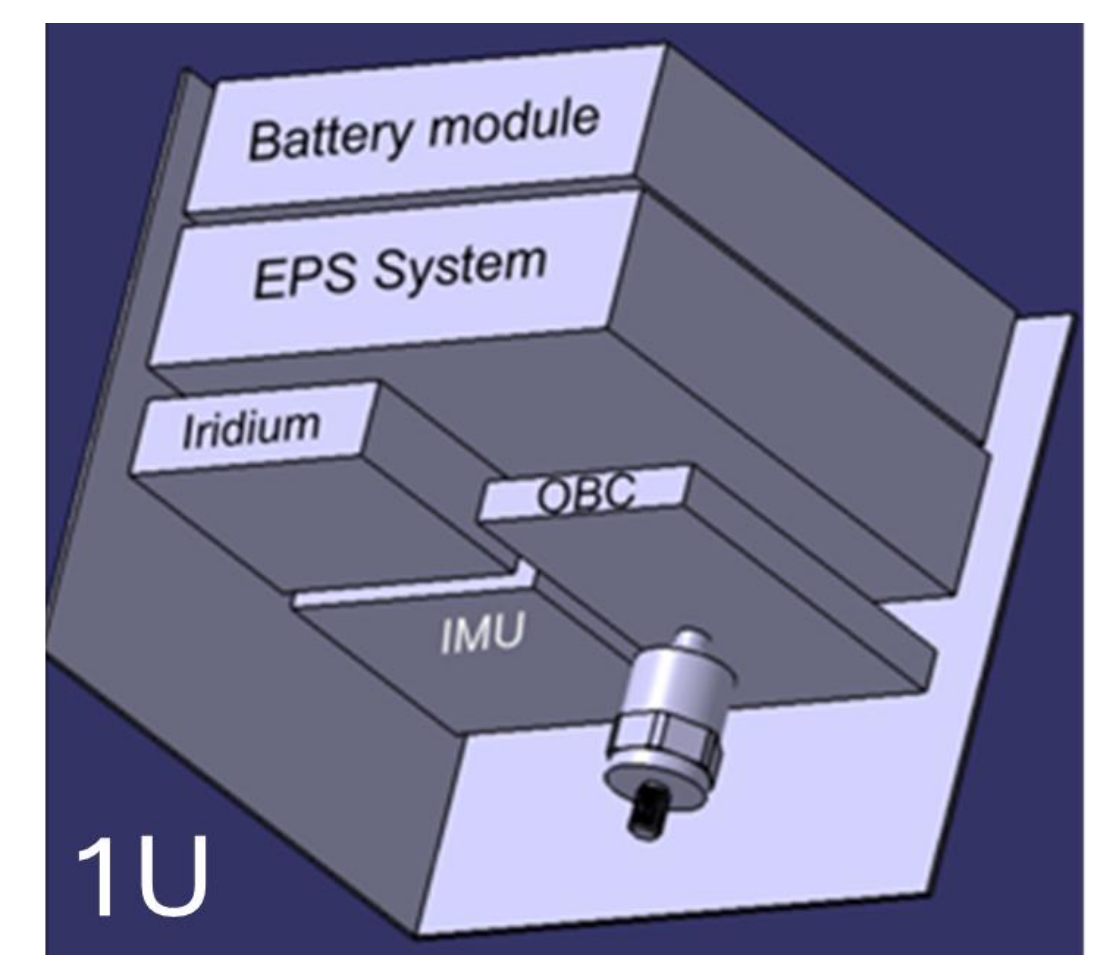
Power

- Shield & parachute deployment
- Parachute control

Environment Recording

- Temperature
- Pressure
- Gravitational attraction
- Angular velocity, ...

BFS's Status



CONTACTS

Ready to propel your **space ambitions** to new heights?

Let's engineer the next generation of space solutions together. Get in touch now to ignite your **journey into the cosmos!**

Contact us today to learn more about e.NOVA Aerospace's **innovative solutions** and how you can collaborate with us to revolutionize access to space.

