

MICROGRAVITY AS A SERVICE

Providing an end-to-end service for life sciences
and beyond



MICROGRAVITY LIFE SCIENCES

CHALLENGE

Life sciences research in space offers unique research conditions for applications such as:

- Protein crystallization;
- Growing stem cells into organoids;
- 3D printing of human organs.

Launch has become simple & affordable, but

- Return to Earth is still the bottleneck;
- SpaceX Dragon has a monopoly in space return;
- Researcher pain points remain - price, long lead times, repeatability, reliability.



MICROGRAVITY LIFE SCIENCES

SOLUTION

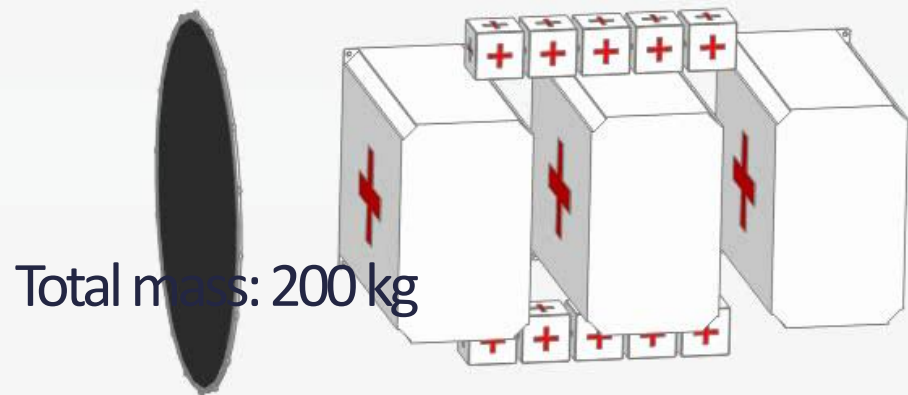
A return service tailored for life sciences:

- Individual;
- Highly affordable;
- Regular & reliable;
- European origin;
- Global ambition.



PHOENIX RETURN CAPSULE

Capacity: 100 kg payload

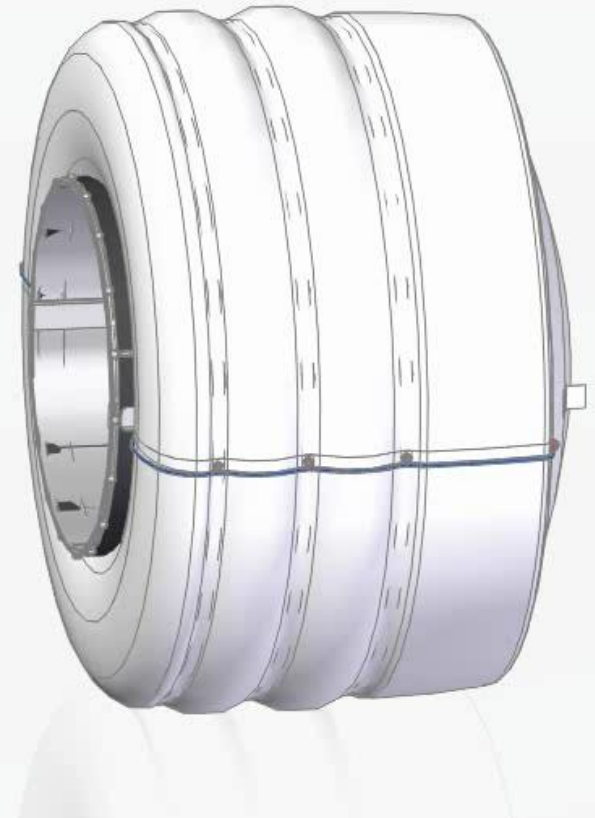


Total mass: 200 kg

Disruptive: 1:1 payload ratio

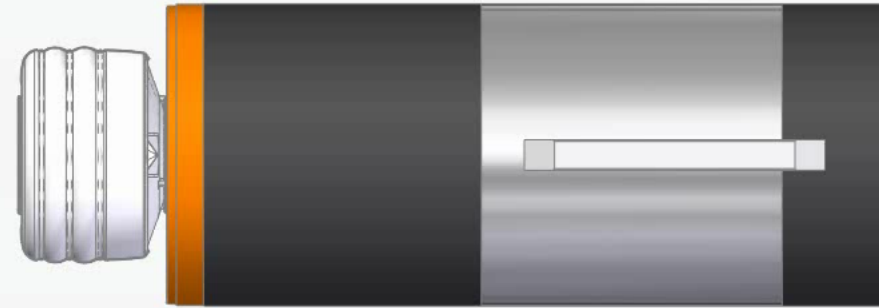
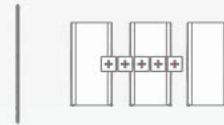
Lightweight → Lowest launch cost possible!

Capsule mass: 100 kg



BIOMEDICAL PAYLOADS

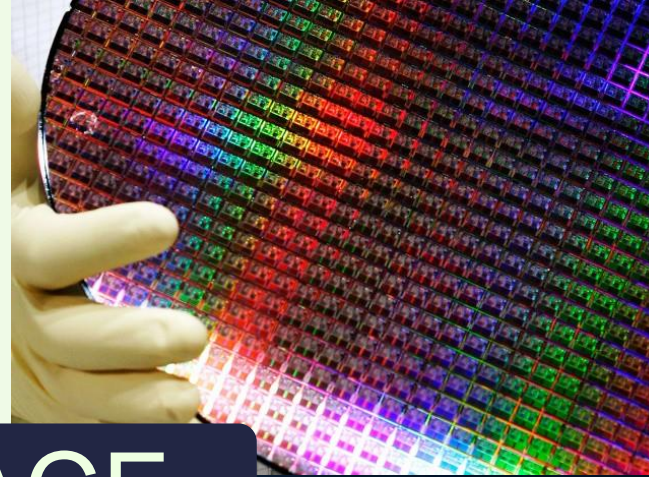
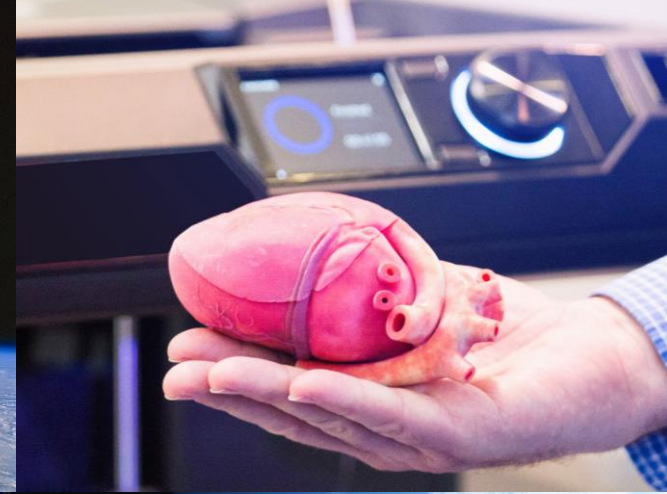
LATE ACCESS



LOAD LIVING CELLS
FEW HOURS
BEFORE LAUNCH

AMBITION

RETURN ANY CARGO FROM SPACE AT ANY SCALE



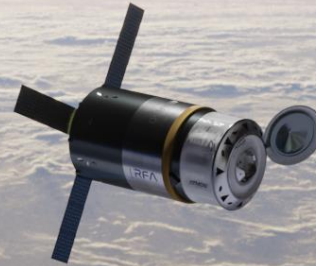
ARGO

A FULLY REUSABLE CARGO
CARRIER FOR SPACE STATION
RESUPPLY MISSIONS

RFA
Rocket Factory

SENER
Aeroespacial

ATMOS



ATMOS

FULL END-2-END MICROGRAVITY SERVICE FROM 2025



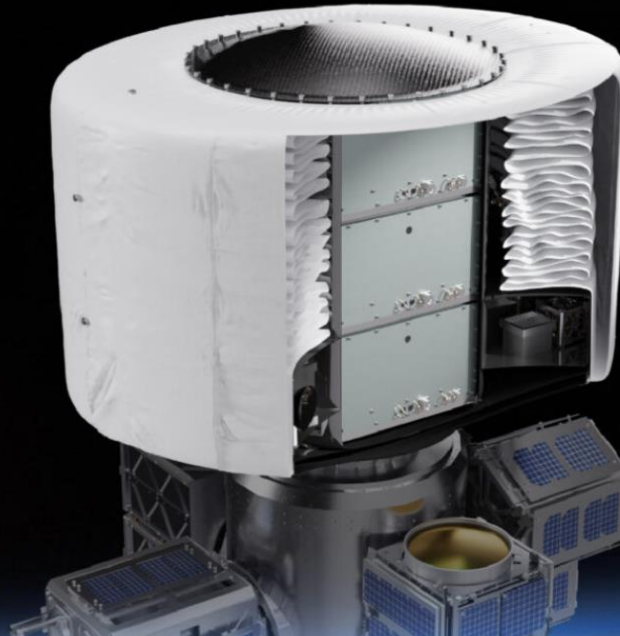
EVA

IRFA
YURI
ATMOS



RFA ONE / REDSHIFT

ATMOS



PHOENIX CAPSULE

YURI



SCIENCETAXI

**COMPLETING
THE VALUE CHAIN**

EVA MISSION HIGHLIGHTS



- European Launch & Return Sites
- Simplified Logistics/Transports/Customs
- Full Flexibility (e.g. Launch Time and Duration)
- Late Access / Early Retrieval
- Lab on Launch Site
- Fastest Return to Lab in Europe

ATMOS[®]

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