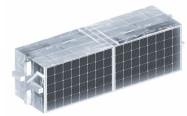
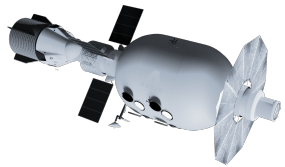
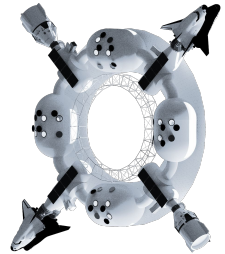
ABOVE
SPACE DEVELOPMENT

Investment Opportunity.
The Demand for More Spaces in Space.







There is a large and growing demand for access to space on ISS.

The bottleneck is up to three years.

The closest near-time competitor isn't launching until 2027.

ABOVE has a solution now that can be deployed in as soon as 9 months.

ABOVE

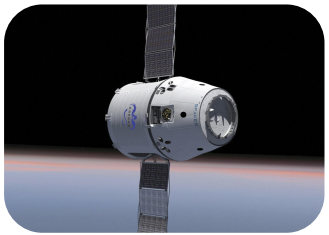
The Challenge - The ISS is a marvel – and a bottleneck

The ISS is costly, low-volume, and slow.

Commercial organizations want access. Pressurized access that can scale and be tailored to their needs.

Clearing regulatory hurdles to get a payload on the ISS costs **>$100k per kg** (weight of a 1-liter bottle of water).

Wait time of two years or more.



ISS Clones are not the answer. Current solutions have:

- Expensive limited payload capabilities
- Limited access with long wait times
- Limited capacity busses
- Limited power
- Ineffective cadence

These solutions are:

- Not scalable
- Not recoverable or an uncertain return timeframe

The only ISS clone currently available is controlled by **China**

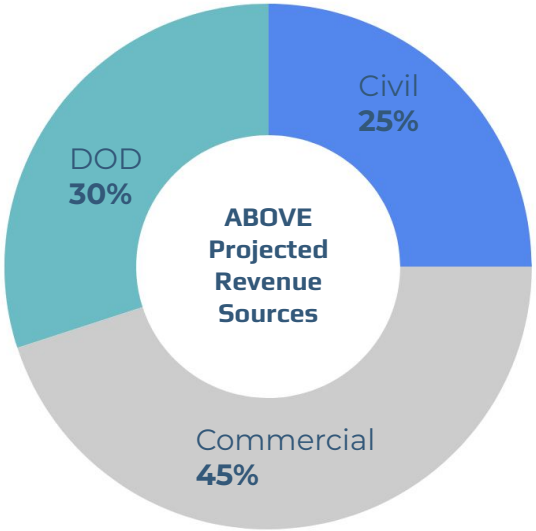
ABOVE

NASA is Science focused, NOT a commercial provider

The only other operating space station is controlled by China.

ABOVE

Space is Infinite. Like Opportunity.



TAM
$110B + USD

Above is moving the trajectory from Science Experiments to Commercial Production

Based on tech *already validated* on ISS, NASA estimates the TAM for pressurized, microgravity commercial services at over $110B.

ABOVE's solutions offer:

- Multiple platform availability – 3+ by 2025
- Assembly line production for decreased costs / increased profit
- Ready customer base: Bottlenecks on ISS create immediate demand

ABOVE

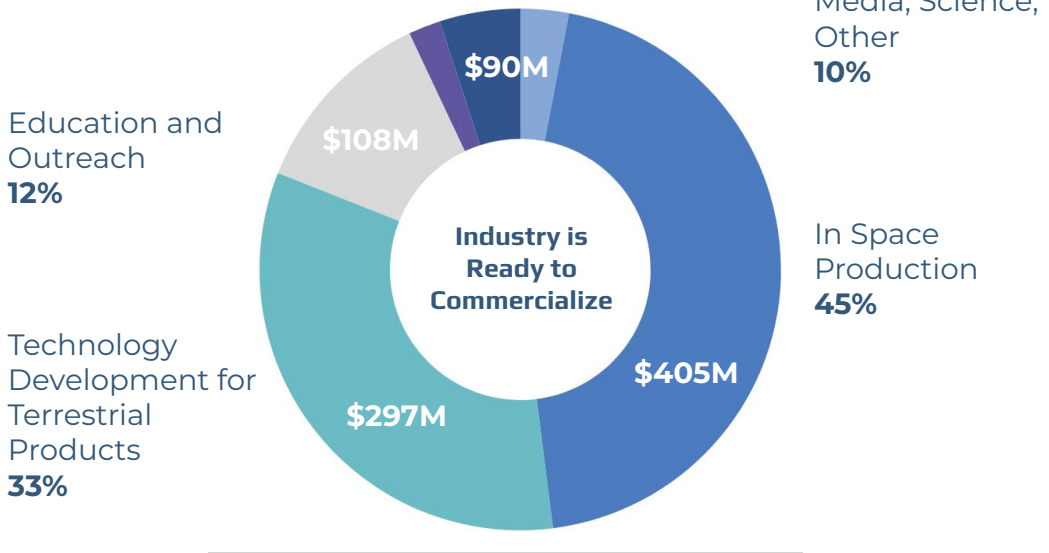
Industry is ready but has shrinking access.

Thousands of organizations seek a scalable, pressurized, commercial destination on orbit.

Demand for access to space goes unmet.

Launch costs are decreasing but with nowhere to go once in orbit.

Zero gravity is an ongoing impediment that no one is addressing. **Except ABOVE**.



Over 200 technologies have been validated on ISS with nowhere to scale them for market.

ABOVE

The first step to open up the bottleneck: Prometheus.

ABOVE

Prometheus addresses seven essential requirements.

To be successful, a solution for commercial space applications requires a mix of seven key features:

1. Pressurized volumes (Key requirement for ISS payload replacement)
2. Rapid delivery (Months, not years, like for ISS)
3. Rapid cadence (multiple platforms per year)
4. Ability to work jointly in a constellation of platforms
5. Low development cost (<$4 MM)
6. Low at scale production cost (<$2 MM)
7. Profitable ($100 MM projected revenue in <2 years)

Prometheus serves as a welcome replacement for hundreds of frustrated potential ISS customers.

Above Space Prometheus Artist Rendering. Why "Prometheus?"

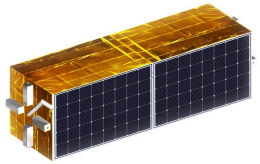
ABOVE

Next, a modular, iterative, scalable product roadmap.

ABOVE

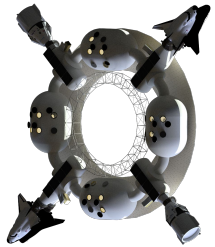
ABOVE Platform Roadmap

Versatile, scalable platforms on orbit in months, not years.



Increase to 53% volume of ISS

Increase to 176% volume of ISS



Automated Platforms:
Prometheus
On orbit in <9 mo.
Phase 1 Pressurized Volume
Phase 2 Automated Product Return
Multiple customer letters of commitment for 2024 mission.

Zero-G Stations
Station In a Box (SIB)
On orbit in <32 mo.
Phase 1 Short term habitability
Phase 2 Long duration missions
Customer Letter of Commitment for Mid 2024 feasibility study.

Artificial Gravity Stations
Pioneer
Expandable from SIB
Phase 1 Short term habitability
Phase 2 Long-duration missions
NASA SAA to support development.

A single Station In a Box can host over 8x the commercial customers of ISS and provide enough power for commercial manufacturing.

ABOVE

ABOVE is different.

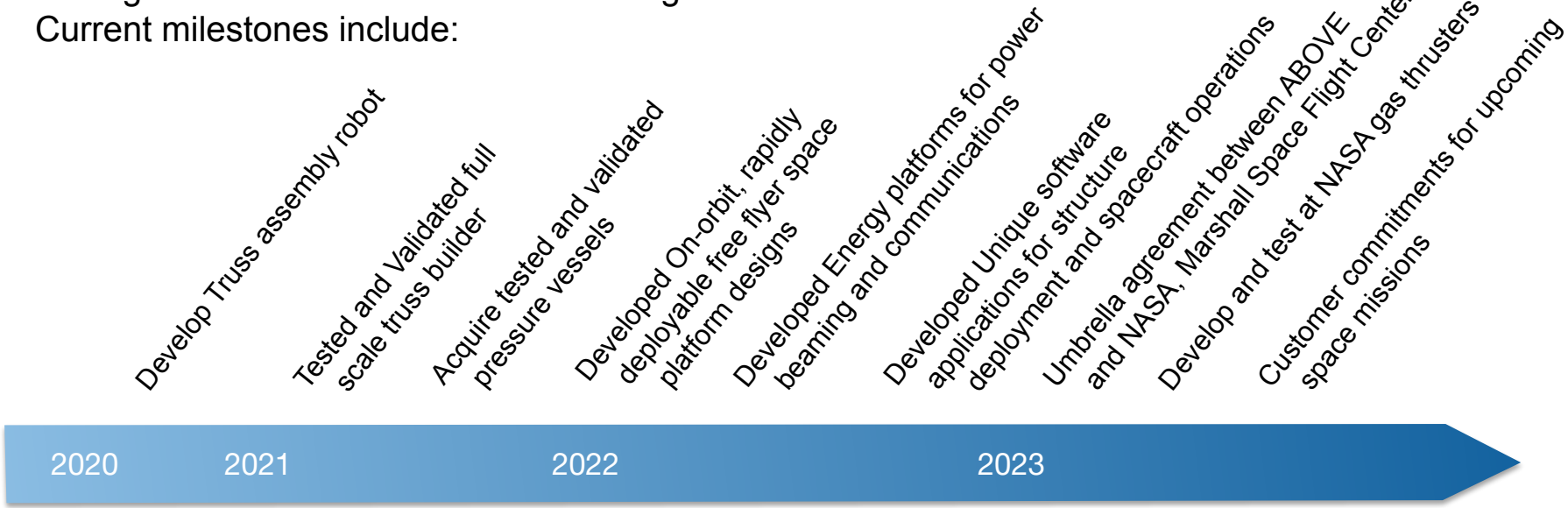
Where old guard aerospace players are slow, costly and burdened by decades of structural calcification, they are existing creating opportunity.

ABOVE is agile and innovative.

ABOVE

Programs and Achievements. In just four short years.

Since 2019, ABOVE Space has achieved continuous strategic validation of its IP and technologies.
Current milestones include:

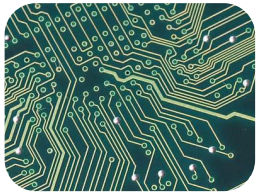


ABOVE

Experienced Team: Engineer, Build, Test, Validate

Inflatable Flight Article

ABOVE's pressure vessels have orbital flight heritage and have been tested and validated for operation in the space environment.



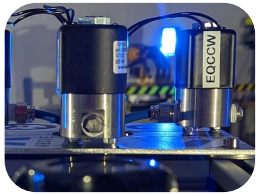
Software Tested at NASA

Software developed for control of artificial gravity platforms and controlling precision orbital deployment systems.

U.S. AIR FORCE

Archimedes test article

Commissioned by the US Air Force, the Archimedes platform is a rapidly deployable energy platform with multiple use cases.



IOTA Thruster Quad

Engineered and manufactured custom rocket thrusters, tested and validated at NASA Marshall, successfully demonstrated creation of Artificial Gravity.

AFRL, SHIPSHAPE, ROGUE, LEOcloud, LifeShip, CISLUNAR INDUSTRIES, Ascent SOLAR

Customer Commitments

ABOVE has received multiple customer commitments, including service contracts from AFRL, and letters of commitments for a 2024 Prometheus launch.

NASA

SAA Signed in 2023

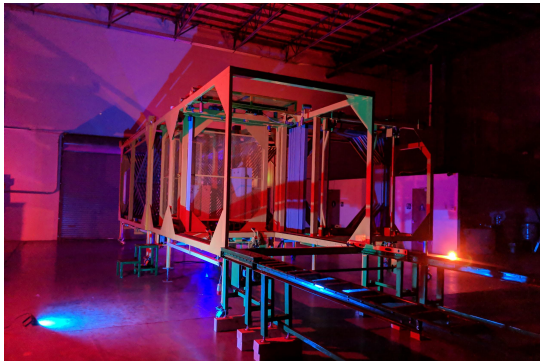
In 2023 signed a key five year Umbrella Space Act Agreement with NASA providing support for ABOVE's development of space platforms.

ABOVE

Our Intellectual Property

ABOVE's talented and experienced team has developed over 6 years of proprietary technology with 40+ patents in the pipeline including:

- Large zero gravity truss building methods
- On orbit assembly and connection devices
- Space platform geometry control methodologies
- Devices and methodologies to control rotating structures
- Cold gas thrusters
- Methods for circulation within large space stations
- Emergency and safety devices for crew platforms
- Stowage infrastructure
- Mooring adaptors
- Hybrid gravity systems
- And more…



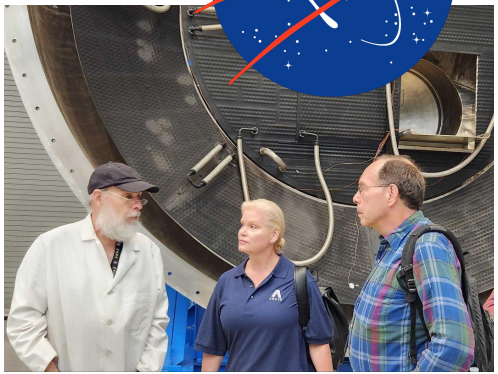
ABOVE's DSTAR truss building platform resulted in many innovative designs and processes. The platform is shown here prior to its 2021 demonstration in California.

ABOVE

NASA Space Act Umbrella Agreement (SAA)

ABOVE signed an Umbrella Space Act Agreement with NASA Marshall Space Flight Center. This prestigious agreement includes:

- High level access to all NASA MSFC state-of-the-art ecosystem, facilities, staff, technology and tools, for testing and de-risking ABOVE's platforms
- Collaborative resources for analysis, development, software and hardware testing
- New hybrid and microgravity applications alliance
- Cooperative innovative pressure vessels program



ABOVE

Above Space Management

Team members have over 30 successful space missions. Over 150 years of combined space heritage, business development, and entrepreneurship.

Rhonda Stevenson
CEO
President

Tim Alatorre, NCARB
COO
Board Chairman
Co-founder

Thomas Spilker, Ph.D.
CTO
Board Vice Chair
Co-founder

Rob Miyake
Sr. Thermal Engineer
Board Member
Co-founder

ABOVE

Team Highlights: Dr. Thomas R. Spilker

Partial Mission List	Mission Significance	Key Contributions
Voyager	Decades long, historic, scientific mission	Radio Science Team support: science operations planning, implementing, execution. Saved planetary mass/gravity experiment at Neptune from failure.
Cassini	Exploring Saturn and its moons, revealing celestial wonders.	2 yrs Mission Planning Chief, coordinating science operations and operations-related analyses, e.g. limits of spacecraft flyby proximity to Titan.
Genesis	Collecting solar wind to study the origins of the Sun and solar system.	Multiple roles from proposal to operations, diagnosing parafoil issues, modeling thermal anomaly behavior to EOM, and verifying complex software calculations.
Rosetta	Orbited comet, deployed lander, revealed solar system origin secrets.	Science Co-Investigator for MIRO instrument, involved in design, testing, calibration, and flight operations, collaborating with ESA and scientists.
JPL Team X	Advanced Project Development Team	Science Representative and later Principal Space Flight Mission Architect due to success in various multi-disciplinary tasks across space mission disciplines.

Thomas Spilker, Ph.D.

ABOVE

Team Highlights: Robert Miyake

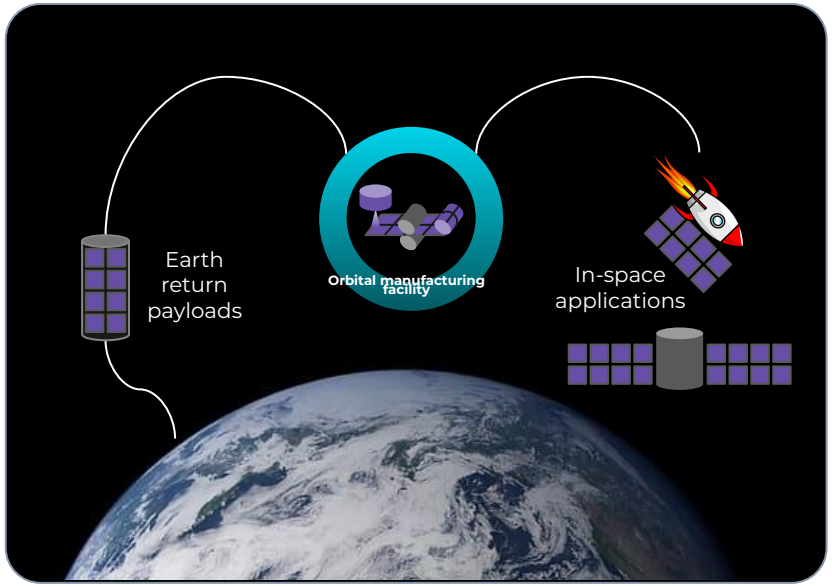
Partial Mission List	Mission Significance	Key Contributions
Air Force Spacecraft	Supported multiple classified orbital flight systems to LEO, MEO, and GSO	Thermal system lead, providing input to the spacecraft system design to support test and flight for flight systems and earth entry systems.
SeaSat	Demonstrated microwave oceanographic remote sensing	Head thermal subsystem lead for the thermal design and provided inputs to the total flight system. Served as thermal lead for mission flight.
Mars Global Surveyor	Mapped, provided vital data about the Martian surface, atmosphere, climate.	Thermal system lead, input for spacecraft system designs, input to support test and flight operations.
JPL	Multiple missions	Advanced technology and flight system development, including Antimatter Rocket, and thermal systems for 4 solar radai proximity operations to the Sun.
JPL Team X	Advanced Product Development Team	Thermal subsystem lead for design concepts for advanced missions.

Rob Miyake

ABOVE

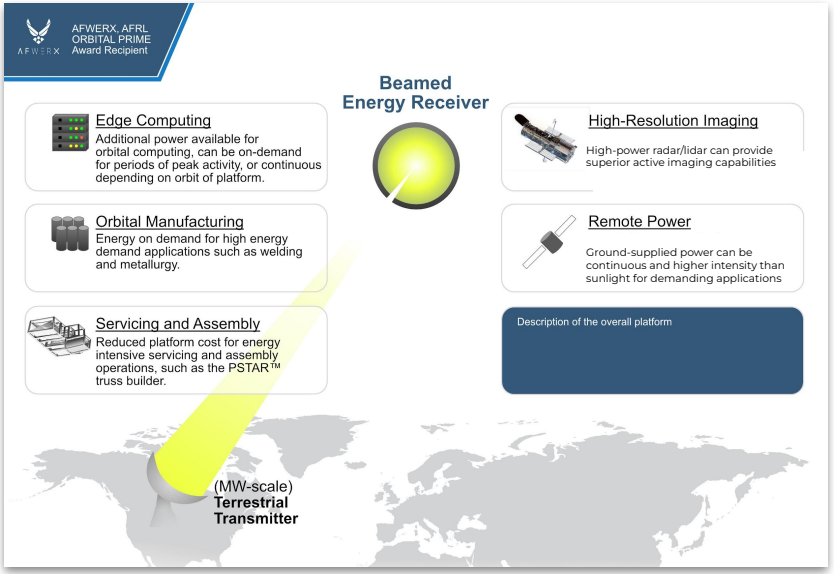
Traction: DOD Contracts - Technology Innovation

On-orbit Thin-Film PV Manufacturing



Critical support for unique energy products

Beamed energy platform, E-Sky



On demand energy and communications

ABOVE has the key people, novel technology, a unique path to Space, and is revenue-positive, today.

ABOVE

Investment opportunity

Seeking investment through Reg-CF to supplement institutional investment to become the market leader.

Use of Funds:

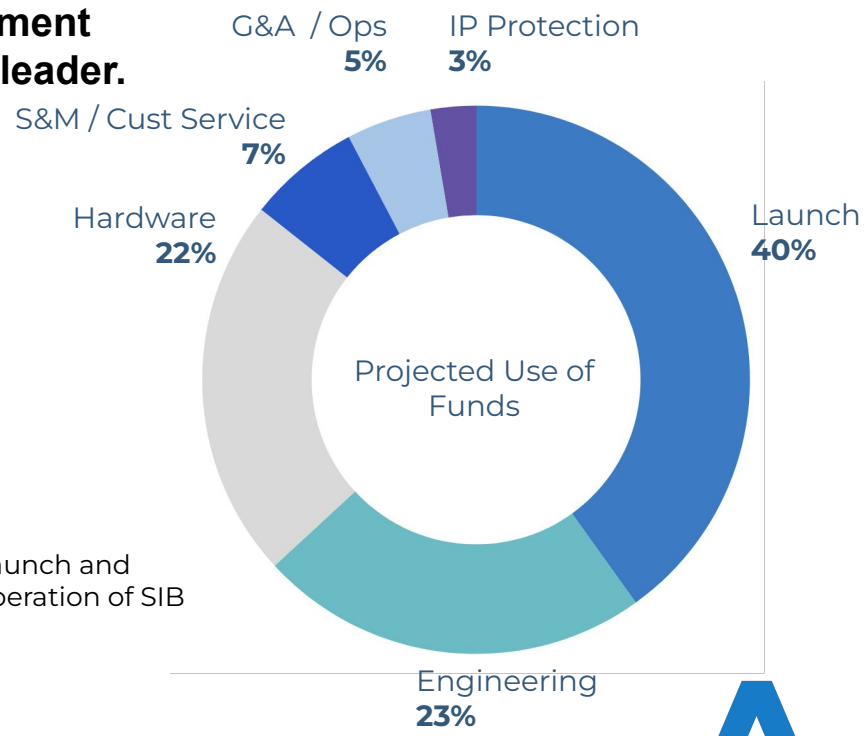
- Secure launch date for 2024
- Orbital flight hardware
- Capitalize on consistent revenue streams
- Capture consistent profitability
- Goal of investor dividends by Q4 2024

Prometheus manufacturing long lead-time contracts

Prometheus Phase 1 Launch. SIB engineering and mfg. start

Prometheus Phase 2 Integration Testing and outfitting SIB

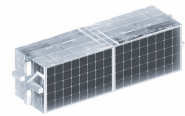
Launch and operation of SIB

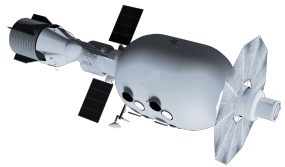


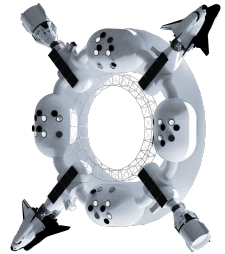
ABOVE

ABOVE
SPACE DEVELOPMENT

Thank you.







[appendix]

Why Prometheus?

We chose the name Prometheus because he is a mythic figure who stole fire from the gods and brought technology and new civilization to humanity.

He represents human striving and the quest for knowledge.

The statue of Prometheus in NYC's Rockefeller Plaza is encircled by the constellations of the heavens depicted by the signs of the zodiac — literally surrounded by stars.

And like the famous statue, our Prometheus is also covered in "gold".

Artist's rendering

ABOVE