



Humans Developing an Economic Need for SRU

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A full-page background image showing an astronaut in a white spacesuit floating in the dark void of space. The astronaut is positioned on the right side of the frame, with their back to the camera, looking out towards the Earth. The Earth's curved horizon is visible on the right, with a bright sun or star creating a lens flare effect. The background is filled with numerous small, distant stars and a faint nebula.

Our Vision

A thriving home in space that benefits every human, everywhere.

Our Mission

Improve life on Earth and foster possibilities beyond it by building and operating the world's first commercial space station.

Humans Drive the Need for Space Resources

- **Re-fueling:** Transportation of people and commodities
- **Metabolic Inputs:** Oxygen, Water, Food
- **Tools:** Resource extraction will be needed for the above
- **Research and Exploration:** Resources will be needed to perform human centric activities

PHASE I
2022-24
Routine
commercial
access and
operations
in LEO



PHASE II
2024-27
World's 1st
commercial
Space station
modules



PHASE III
2028+
Grow a
sustainable
and human-
centric LEO
economy



Phase One: Missions to the ISS

EST April 2022

- Private Astronauts
- Professional Astronauts
- Research & Tech Demonstration Missions

Axiom offers professional astronauts 10-day, 30-60-day, and 90-180-day missions to the ISS.

Ax-1: The First All-Private Astronaut Mission to the ISS



Michael López-Alegría

Ax-1 Commander

Former NASA Astronaut &
Axiom Space VP



Larry Connor

Ax-1 Pilot

Entrepreneur & Non-profit
Activist Investor



Eytan Stibbe

Ax-1 Mission Specialist

Impact Investor &
Philanthropist



Mark Pathy

Ax-1 Mission Specialist

Entrepreneur, Investor
& Philanthropist

Making Private & Professional Astronaut Missions “Routine”



Ax-2
Peggy Whitson
(Commander) &
John Shoffner
(Pilot)



UAE 6-month
Mission to ISS
in 2023



Training Italian
professional
astronaut

Phase Two: Axiom Modules Attach to ISS

Late 2024, Axiom will launch its first habitation module: AxH1

In 2025, Axiom will launch a second habitation module.

In 2026, Axiom will launch its Research and Manufacturing module.

Finally, the Axiom Power and Thermal Tower will be added in 2027.

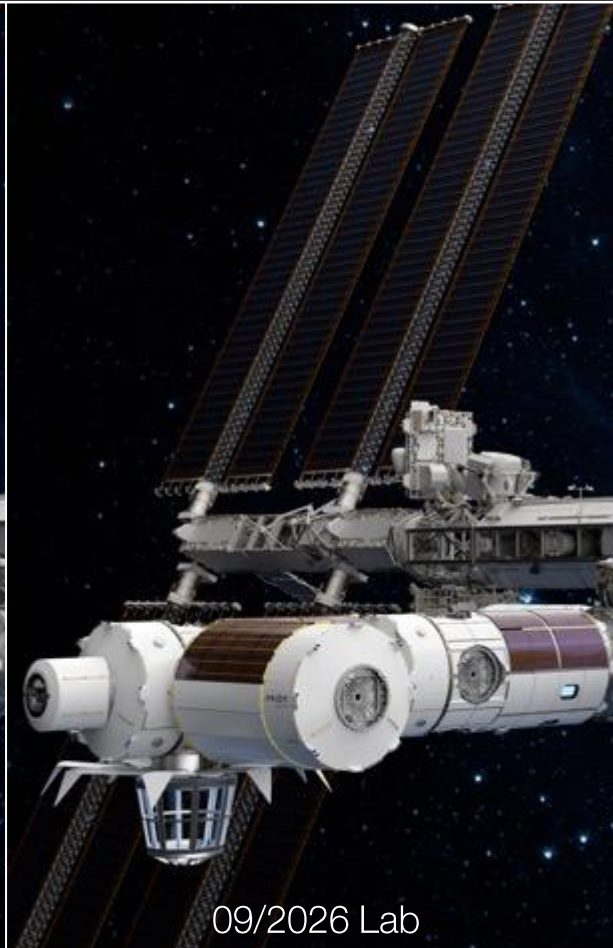
The Assembly Sequence: 2024-2027



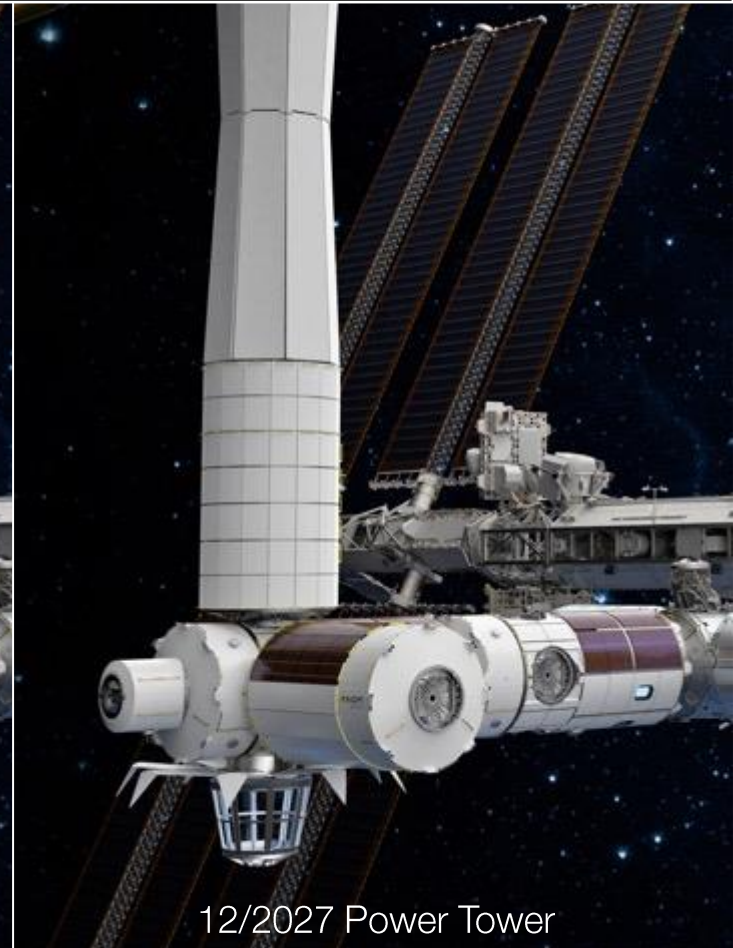
09/2024 | First Module



05/2025 | Second Module



09/2026 Lab



12/2027 Power Tower

Building AxH1: CDR August 2022

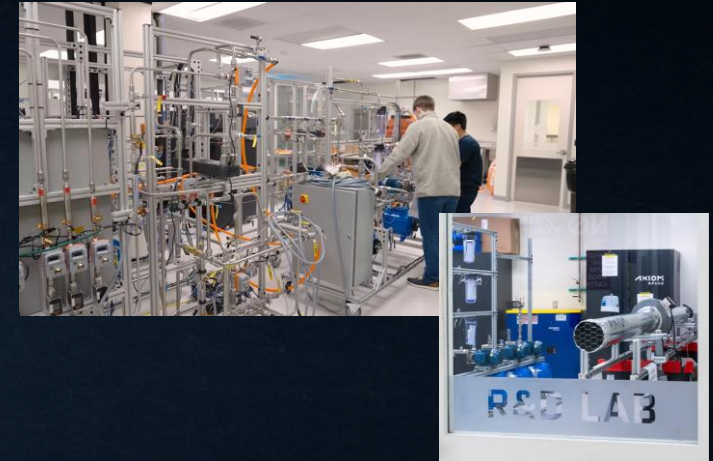
Radial bulkheads



Propulsion



ECLSS



Avionics



Robotics

MDA COMPLETES FIRST
COMMERCIAL SALE OF
CANADARM3
TECHNOLOGY TO AXIOM
SPACE

Payloads



Phase Three: Axiom Station

Beginning as soon as 2028, Axiom Station will detach from ISS.



Enabling a Human-centric & Space-based Economy



Grow and sustain
human presence in LEO

Make it commonplace to sustainably live
and work in Space

Incubate, accelerate and operationalize
new markets, products and services
(Space-to-Earth or Space-to-Space)

Long-term foundation to “Cities in Space”

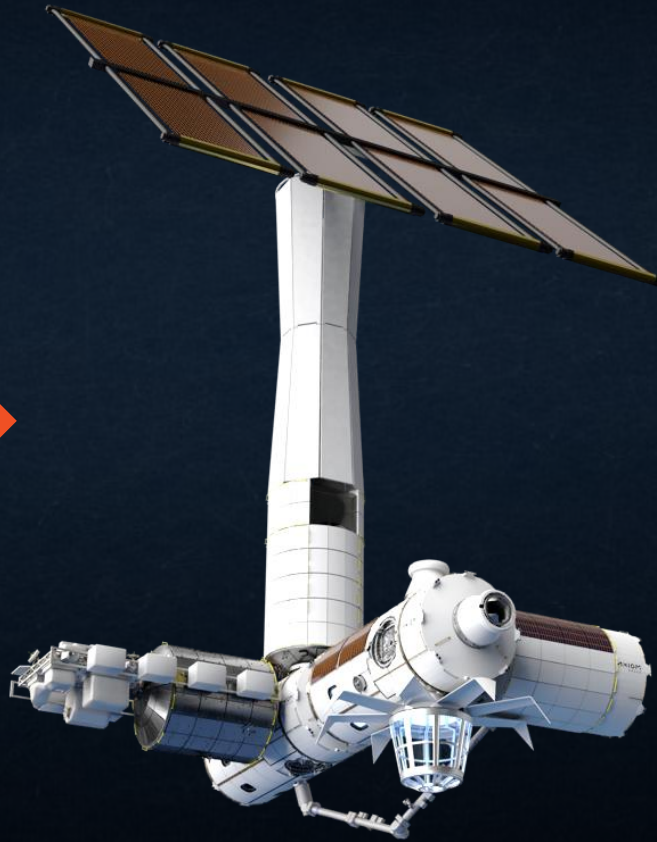
Human-centric Space Economy Enables SRU

By 2027

“Imports”

~1.2mT of
gaseous O_2

~6.5mT of H_2O



“Exports”

~0.83mT of
gaseous CH_4



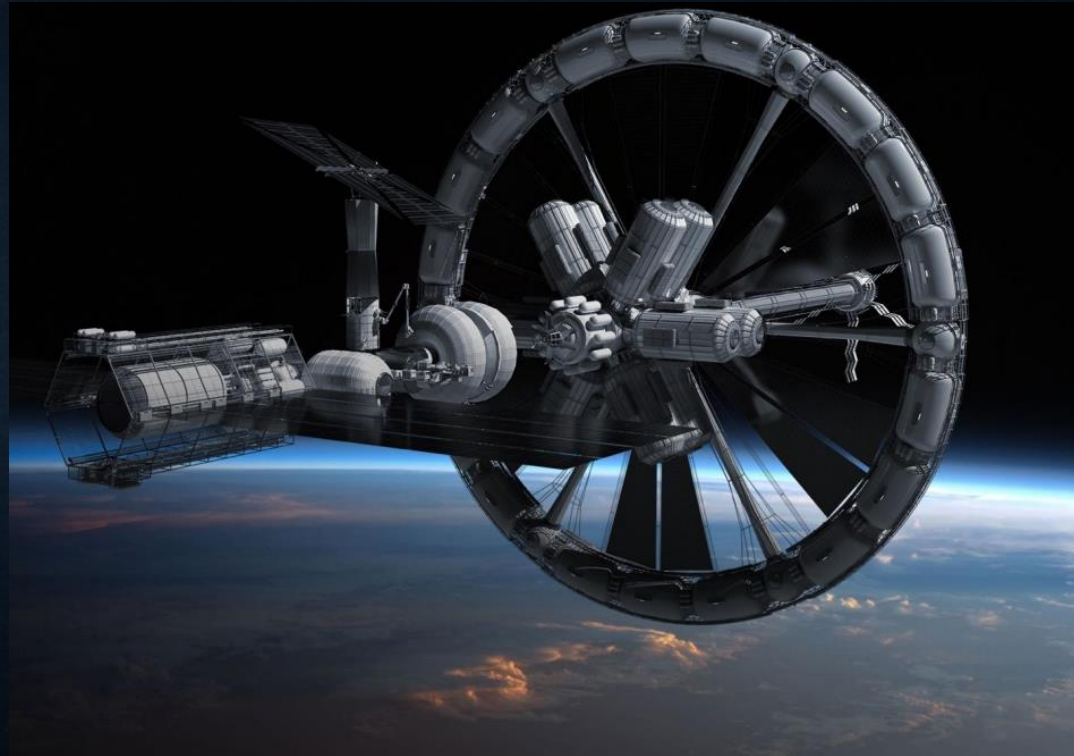
How Would a “City in Space” Enable SRU?

By ~2040 & ~100 humans in LEO?

“Imports”

~15mT of
gaseous O_2

~81mT of H_2O



“Exports”

~10.4mT of
gaseous CH_4



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