

More Space, Less Waste:
Laying the Sustainable Foundation
the Orbital Economy

FS Club Webinar

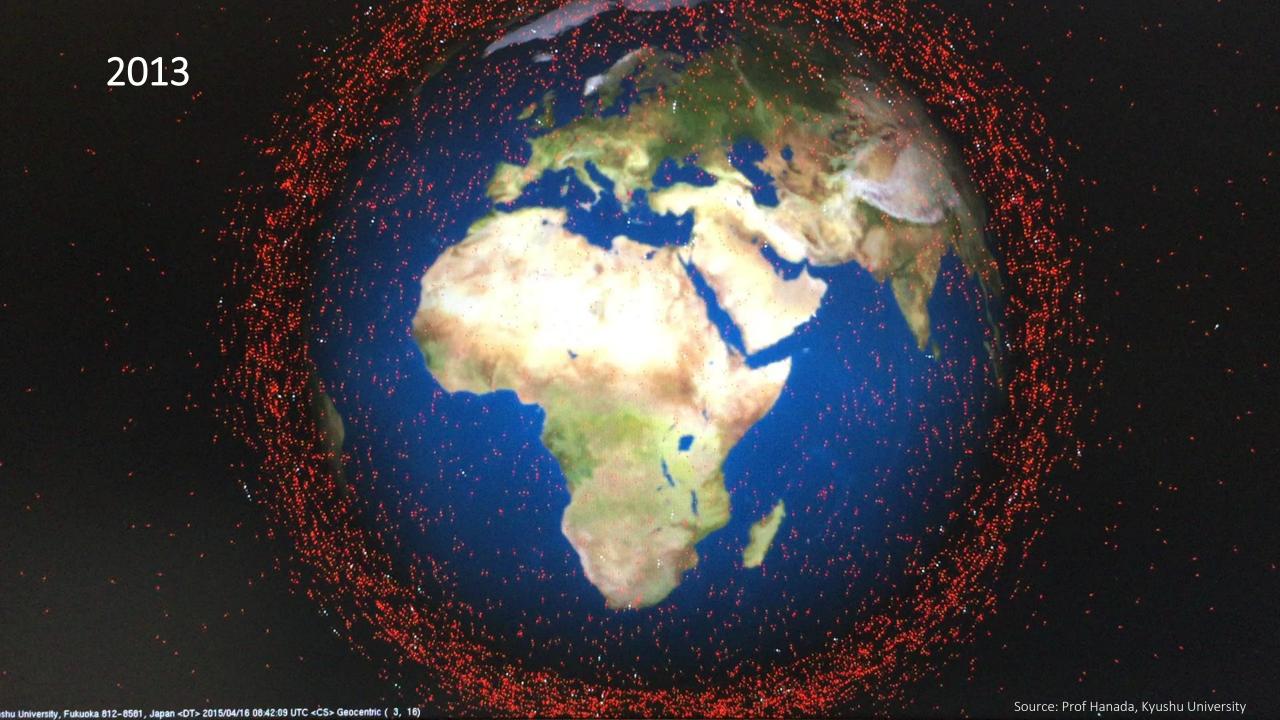
Astroscale Holdings Inc.
Nobu Okada, Founder & CEO

July 27, 2023



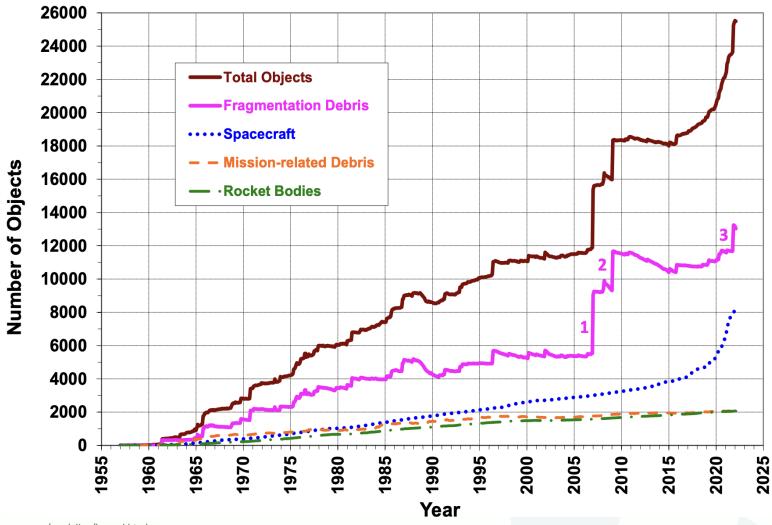


Space Environment and On-Orbit Servicing



The Number of Objects around the Earth is Exponentially Growing





Source: NASA https://orbitaldebris.jsc.nasa.gov/modeling/legend.html

No Commercial Industry on Earth is Built on Single Use and Disposal







Research & Development

Test & Manufacture

Sales

Operations

Post-sales Servicing and Support (Repair, Inspection, Maintenance, Disposal)

Spacecraft Value Chain



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Research & Development

Test & Manufacture

Launch

Operations

Debris Removal, Situational Awareness, Life Extension, Orbit Adjustments, Refueling, Maintenance and Repair

On-orbit servicing



Astroscale's Solution

Our Missions Cover Multiple Orbits and Serve Numerous Types of Customers





EOL

End-of-Life Services

Mission: Prevent Future Debris

Objects: Satellite Constellations

Client: Commercial and Government



ADR

Active Debris Removal

Mission: Remove Current Debris

Objects: Defunct Satellites and Rockets

Client: Government



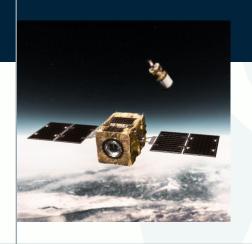
LEX

Life Extension Services

Mission: Extend Satellite Life

Objects: Satellites Needing a Boost

Client: Commercial and Government



ISSA

In-Situ Space Situational Awareness

Mission: Observe Orbital Environment

Objects: Orbital Highways and Potential Risks

Client: Government

World First Space Debris Removal Demonstration (ELSA-d)



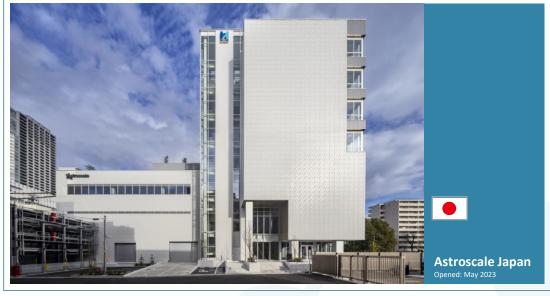




Capacity Expansion



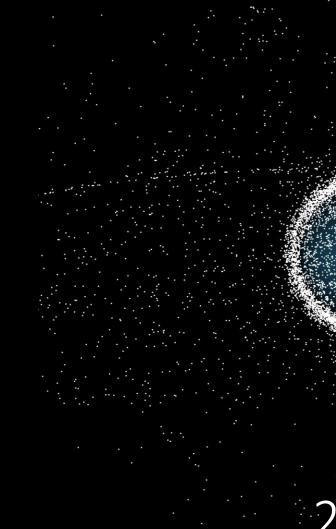














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