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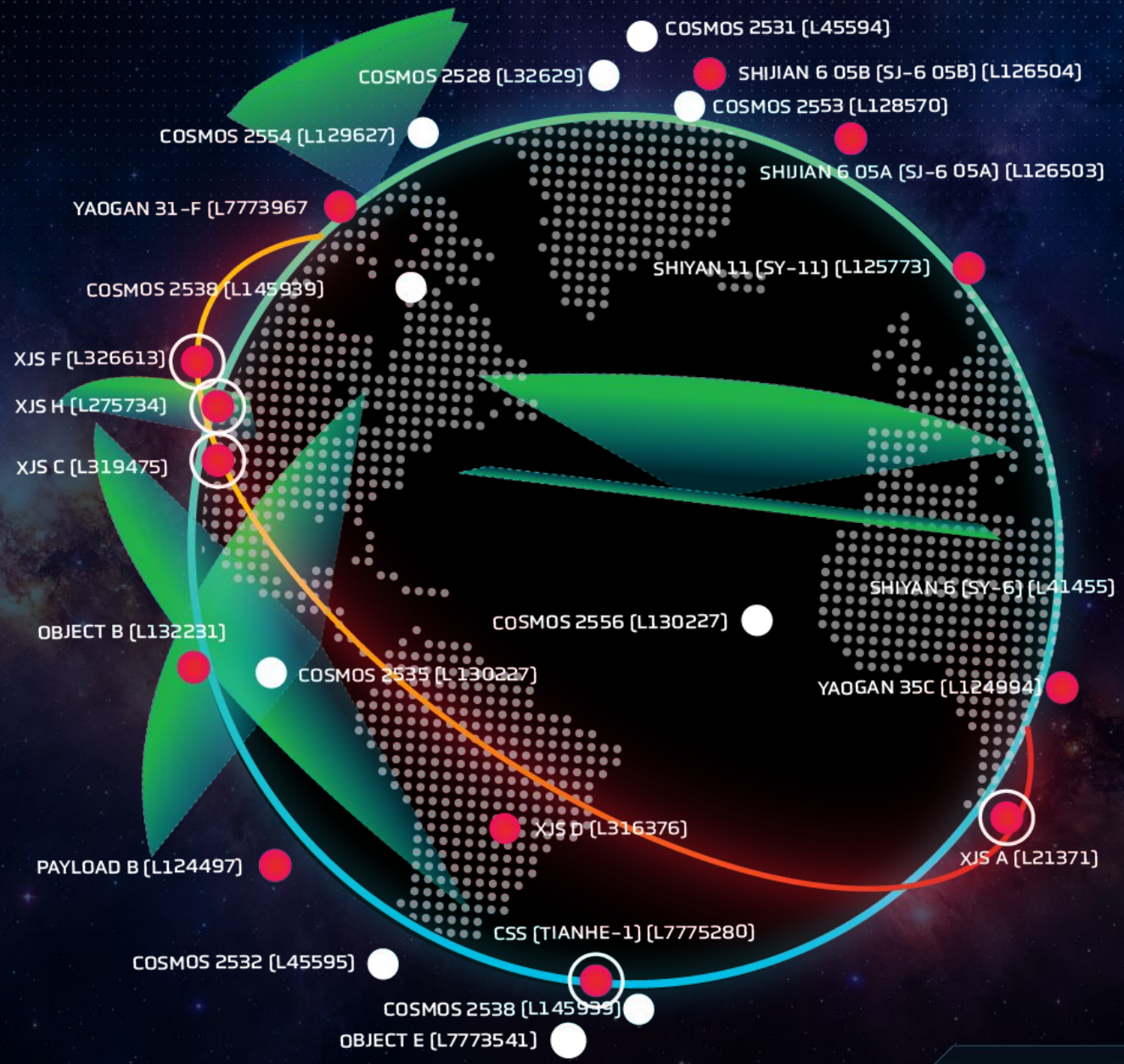
PERSISTENT ORBITAL INTELLIGENCE

Prague Space Security Conference

Tony Frazier • CEO, LeoLabs

June 16, 2025

leolabs.space



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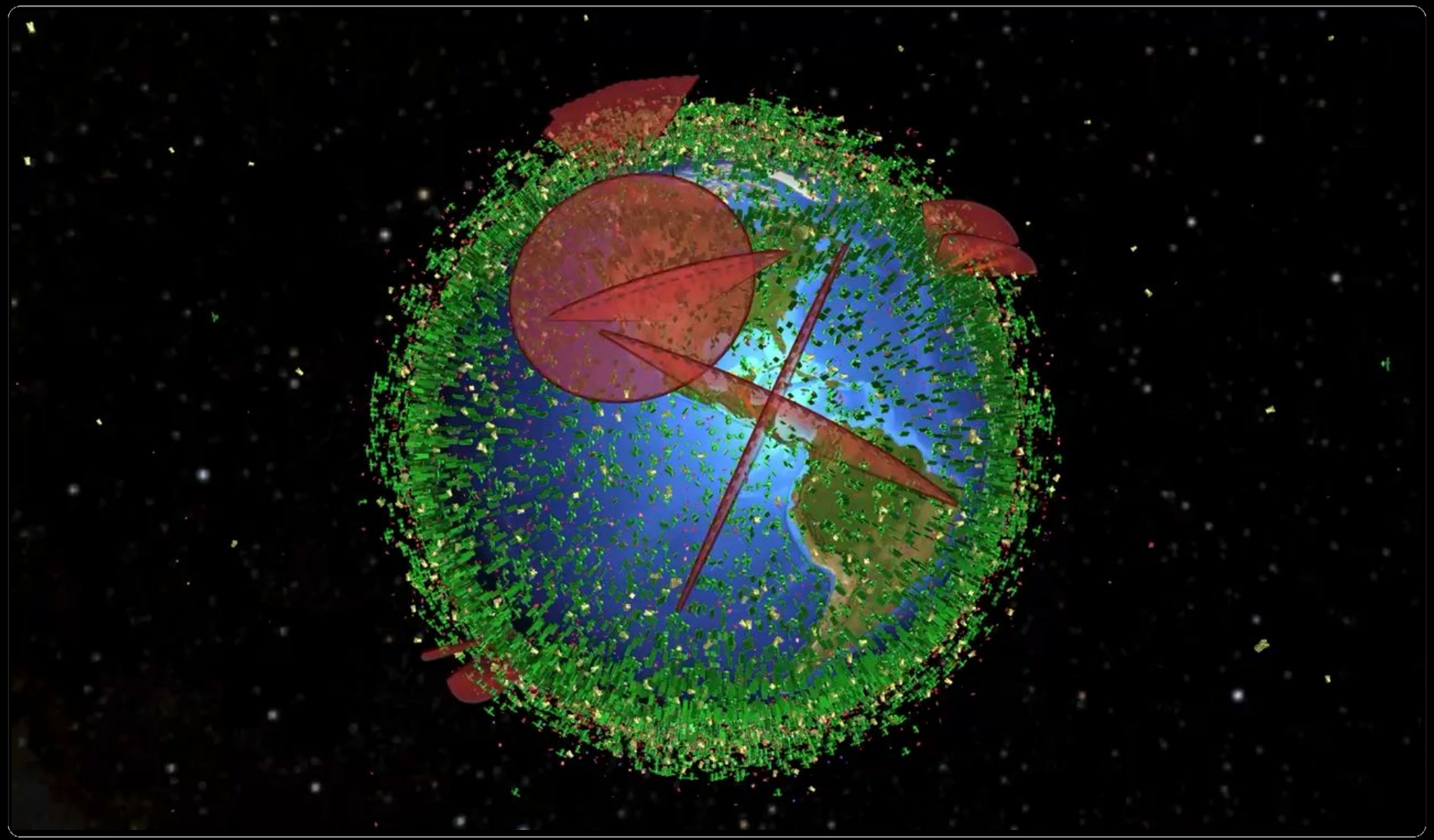

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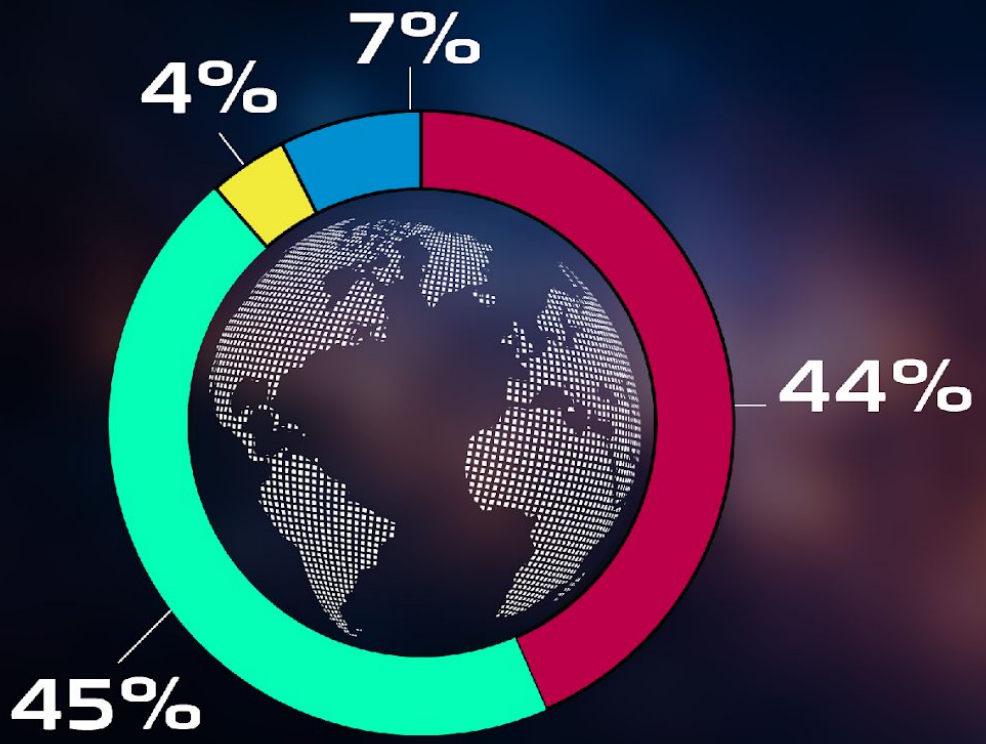
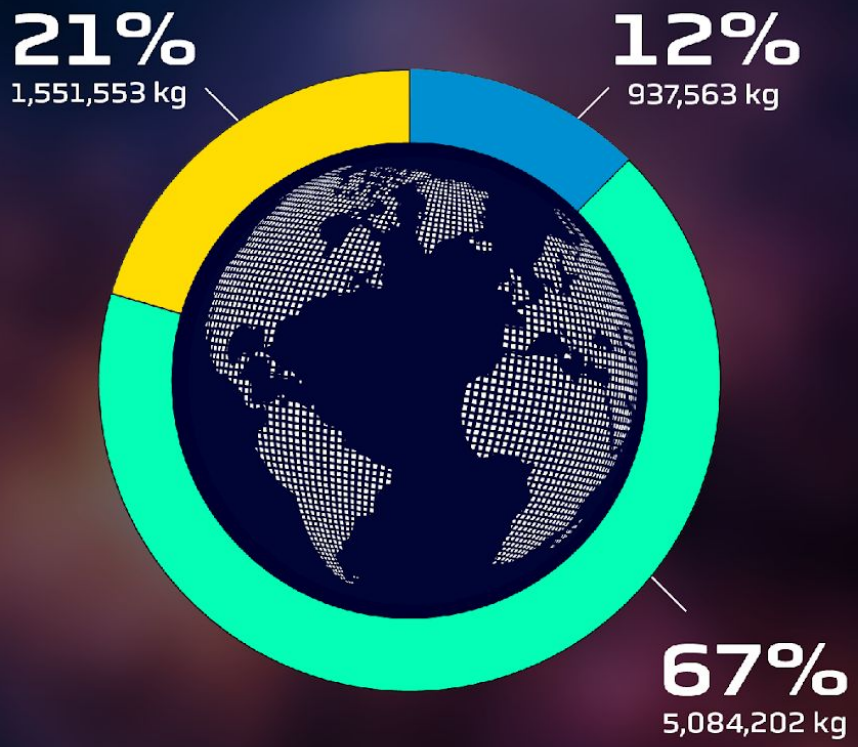
OBJECTS TRACKED BY LEOLABS (BY TYPE)



CURRENT OBJECT MASS (BY TYPE)



OPERATIONAL PAYLOAD · ROCKET BODY · FRAGMENT · NON-OPERATIONAL PAYLOAD

DATA AS OF MARCH 4 2025 • LEOLABS CATALOG AND OPEN SOURCE INFORMATION

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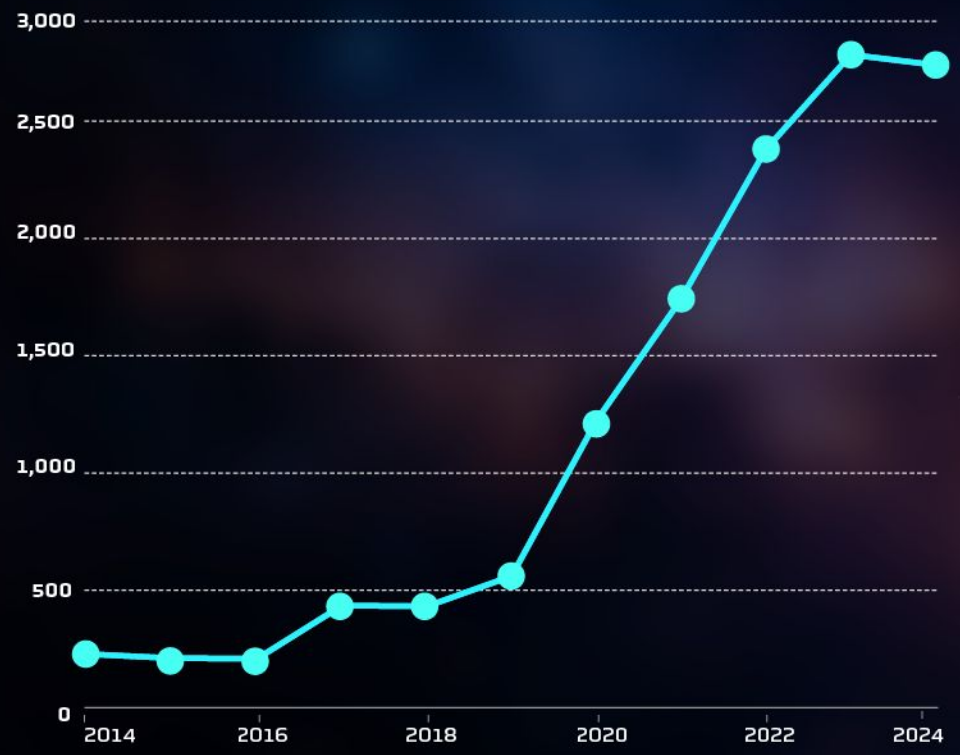
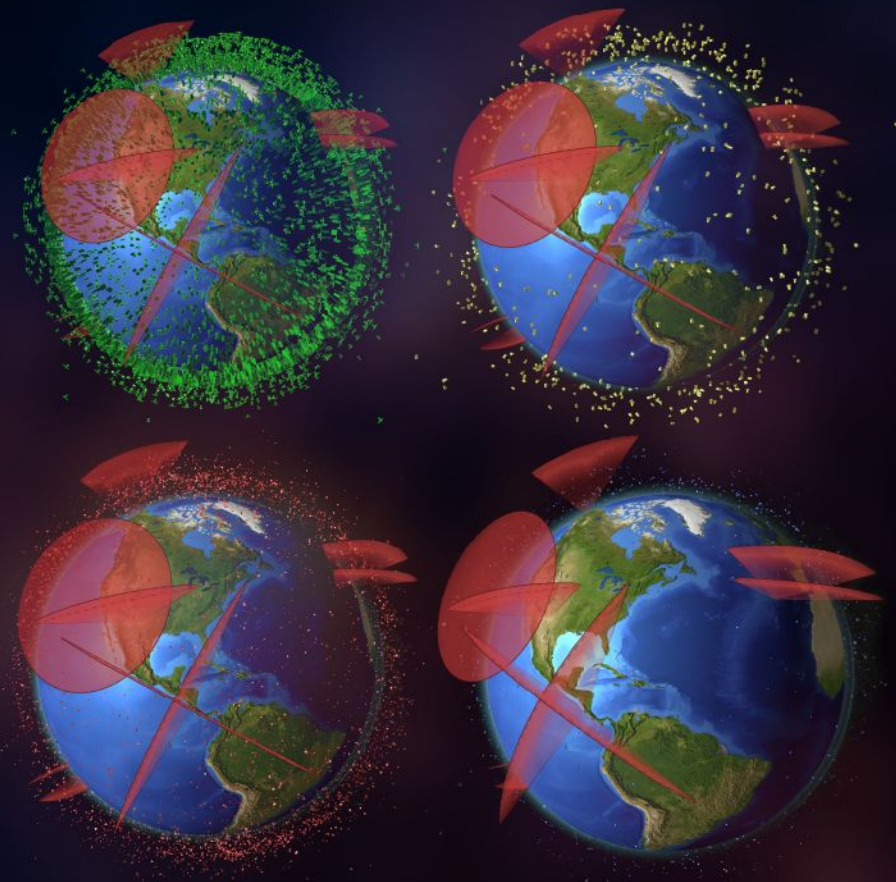
ANNUAL NUMBER OF OBJECTS LAUNCHED INTO SPACE

This includes satellites, probes, landers, crewed spacecrafts, and space station flight elements launched into Earth orbit or beyond.



OUR WORLD IN DATA / UNITED NATIONS OFFICE FOR OUTER SPACE AFFAIRS (2025)

OBJECTS TRACKED BY LEOLABS (BY TYPE)



PAYLOADS DEBRIS UNKNOWN ROCKET BODY

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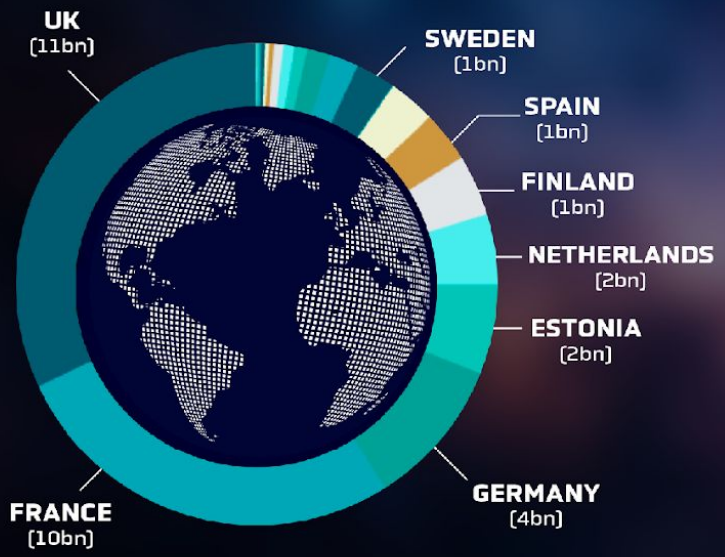
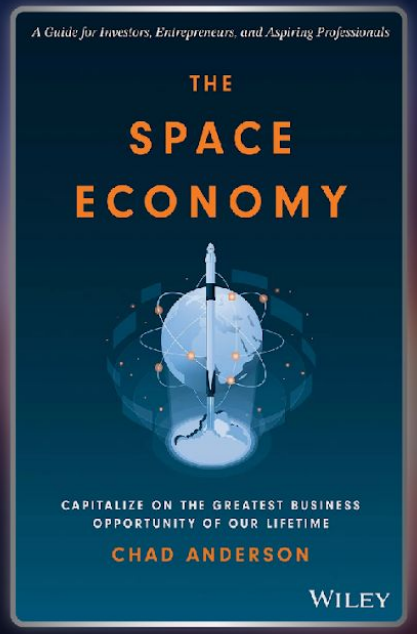
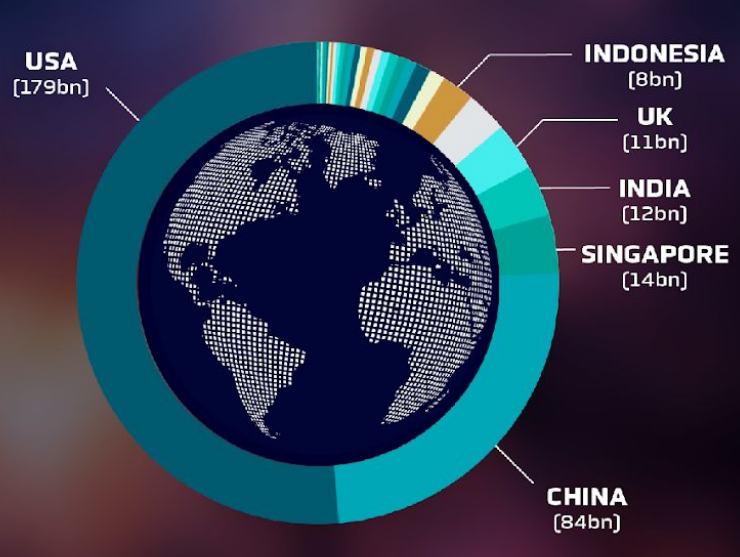
EQUITY INVESTMENT BY GEOGRAPHY

EUROPE IS **$35.4B** OF THE CUMULATIVE **$348B** IN PRIVATE CAPITAL THAT HAS GONE INTO THE SPACE INDUSTRY







DATA AS OF JUNE 12 2025 • WWW.SPACECAPITAL.COM/SPACE-IQ

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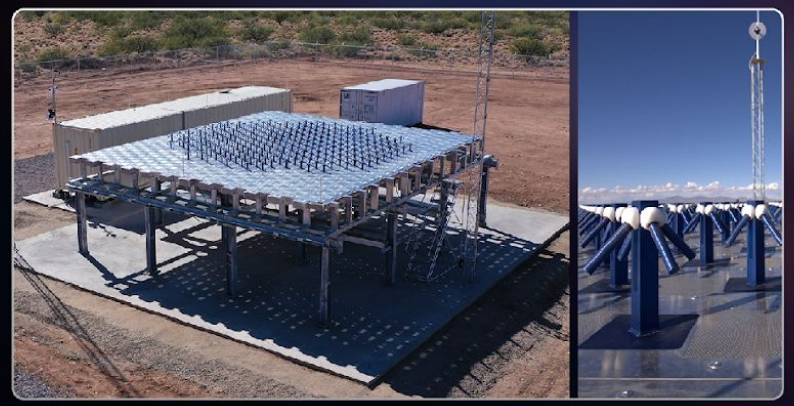
LEOLABS NEXT-GEN RADARS: **SEEKER/SCOUT**

SEEKER

LeoLabs' next-generation Ultra High Frequency (UHF) planar Direct Radiating Array (DRA) radars have higher power and a wider field of regard, enabling high-altitude search and detection of more targets through longer tracks.



- Spacecraft tracking
- High Interest Object search & tracking
- >10cm debris tracking
- Launch & early operations support
- Foreign launch search
- Tracking in MEO, GEO & Cislunar (R&D)
- Hypersonics (R&D)

SCOUT

LeoLabs' expeditionary S-band DRA radars offer mobility, extensive proliferation, and rapid deployment. Scout is designed to be fielded in large numbers to fill gaps in LEO monitoring and rapidly respond to changing mission needs.

- Spacecraft tracking
- High Interest Object search & tracking
- >10cm debris tracking
- Foreign launch detection & tracking in LEO & VLEO
- Hypersonics (R&D)

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