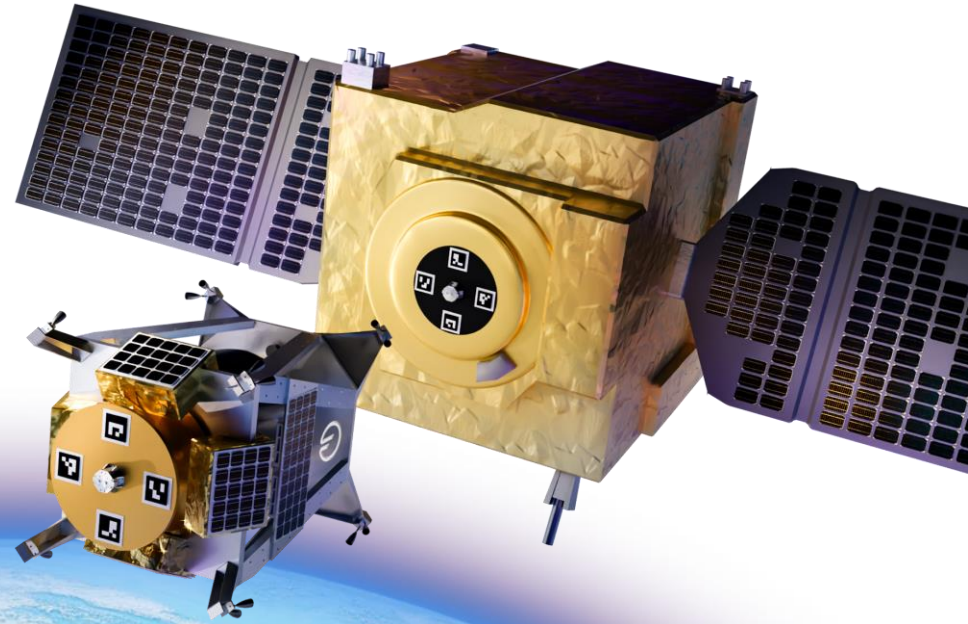


How Refuelling Will Propel the Final Frontier



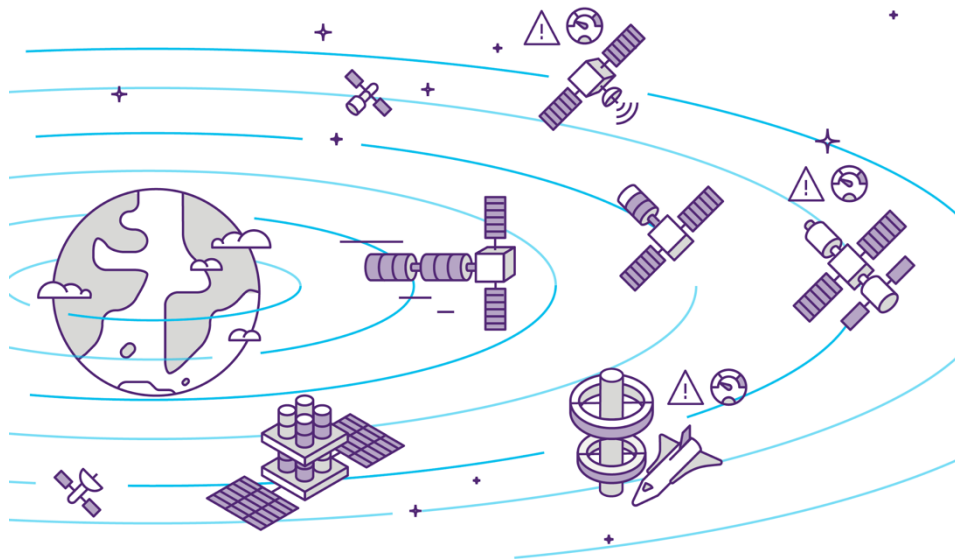
INEFFICIENT AND UNSUSTAINABLE USE OF SPACE



BILLIONS IN VALUE DESTROYED ANNUALLY BECAUSE SATELLITES LACK ABILITY TO REFUEL

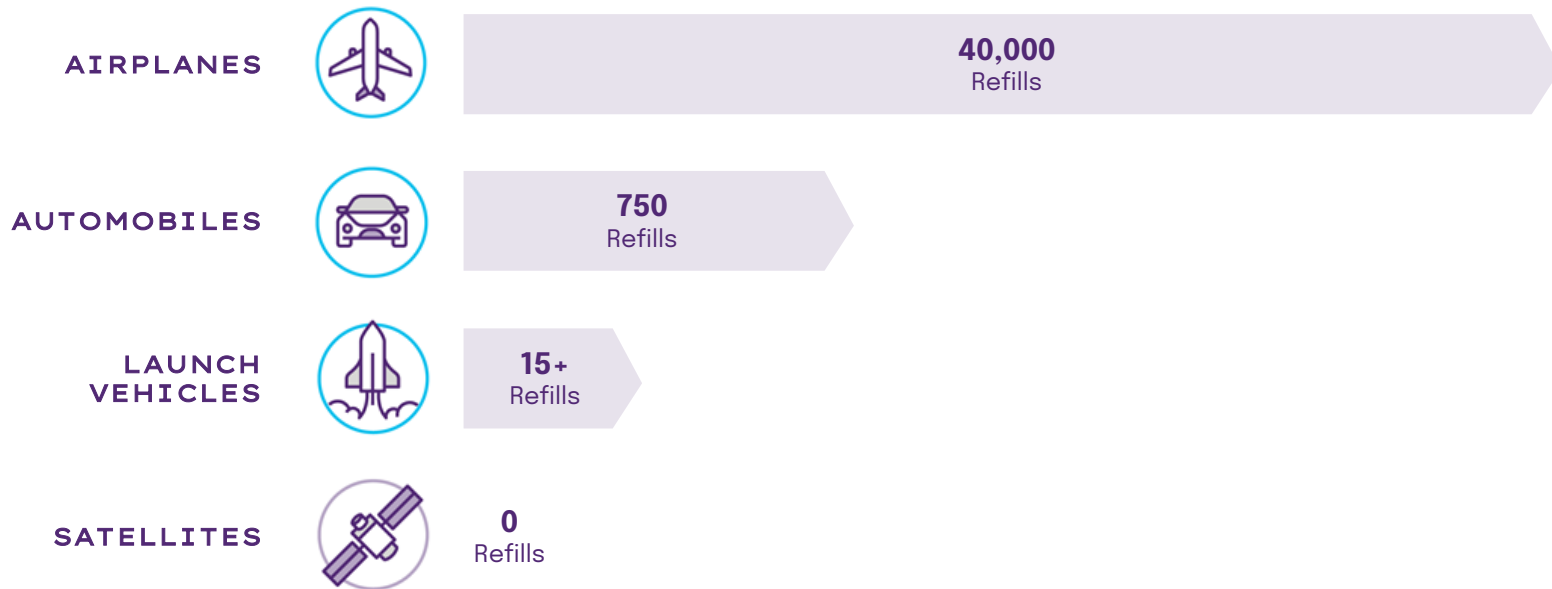


SATELLITE “SINGLE USE” PARADIGM



~40% of all mass currently launched to orbit is fuel

SATELLITE “SINGLE USE” PARADIGM



REFUELLING IN SPACE



The background of the slide features a dark, high-contrast image of a satellite in space. Large solar panel arrays are visible, extending from a central body. The ORBITFAB logo, consisting of a stylized 'O' and the word 'ORBITFAB', is centered on the satellite's body. The overall tone is futuristic and technological.

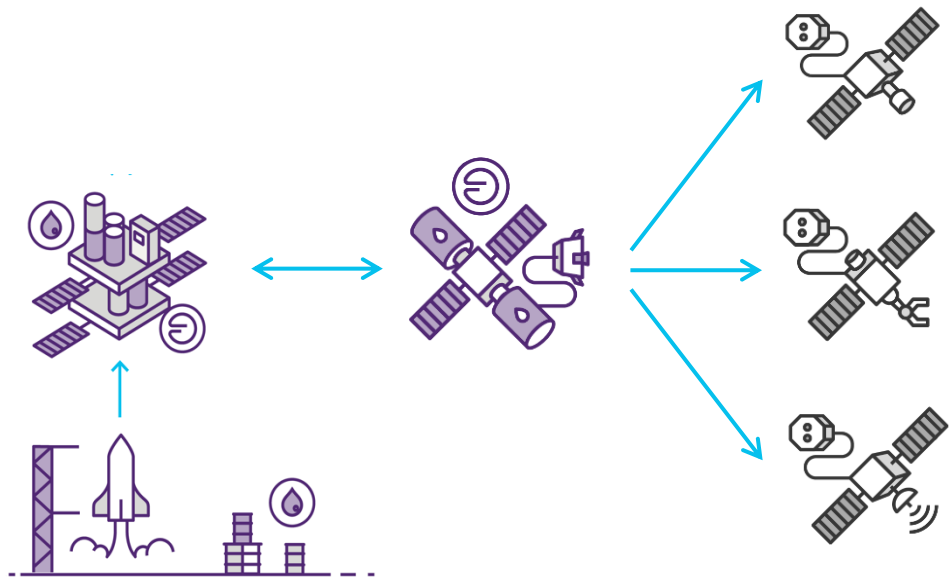
OUR VISION

A Bustling In-Space Economy
Supporting Permanent Jobs in Space

OUR MISSION

To Build the In-Space
Propellant Supply Chain

WE DELIVER FUEL TO SATELLITES IN SPACE



The market speaks

"If I had the ability to refuel GSSAP regularly, do you think we would operate the like we do today? We would not. We would be zipping around the globe. We'd be trying to keep a potential adversary off balance"



Lt. Gen. John Shaw
Deputy commander,
U.S. Space Command



U.S. SPACE COMMAND

"Every spacecraft that's up there right now, if you move it, you shorten its lifespan. So we are loathe to move any spacecraft out there for any reason."



Karl Stolleis
Former Space Logistics and Robotics
Lead, US Air Force Research Laboratory

"An estimated ~85% of all GEO satellites are retired not from hardware failures, but because they ran out of the fuel needed to maintain their orbital slot."



Quilty Analytics

"Leveraging the Emerging Space Economy to Meet Critical Government Needs", 2021



Catalyst Accelerator

Spring 2021 Promotional Materials "On-Orbit Servicing, Assembly, and Manufacturing"

"We believe Orbit Fab has the right team and capabilities to build and operate the DOD's first fuel depot."



Eric J. Brown
Lockheed Martin Director of
Military Space Mission Strategy



"[RAFTI is the] common refuelling interface that is being more widely accepted for in-space Refuelling operations."



**SCC Space Mobility
and Logistics (SML)**
Proposal Selection Board

and we
deliver

Billions in Value Lost Because Satellites Lack Fuel

Conflict



Lack of strategic maneuverability

\$?

The future of national security

Waste



Frequent replacement

~\$10Bn



Disproportionate CAPEX

~\$1Bn

Lost Revenue



Limited Payload Capacity

~\$40Bn



Orphaned Assets

~\$1Bn



Delayed Deployment

~\$1Bn



Life Limited

~\$2.5Bn

ORBITFAB

- Founded in 2018 to build the in space propellant supply chain
- 60+ FTE & growing globally; Colorado, USA HQ + UK office (Harwell)
- VC-backed, raised \$30m+, inc. LM, NG, Munich Re, 8090, others
- Two successful space flight missions conducted
- First private commercial company to resupply the ISS with water
- RAFTI baselined on 100+ gov't & commercial satellites
- Signed commercial and government fuel sale agreements
- UK office operating since H1 2022, growing European capability



HQ - CO, USA



- 56,000 Sq. Ft. of office, manufacturing, assembly, integration, and test space
- Prototyping, Electronics Lab, Machine Shop
- Clean Rooms (ISO-7 rated)

UK Office - Harwell, UK

- Office + Rapid Prototyping Lab
- Refuelling Interface Engineering



The team to make it happen



Daniel Faber
CEO + Co-Founder



Adam Harris
Chief Commercial Officer



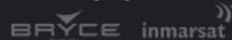
Shawn Hendricks
Chief Operating Officer



Kevin Smith
Chief Engineer



Manny Shar
UK/Europe
Managing Director



Dr. Arul Suresh
Principal Engineer



Key Company Milestones



2018-19

Furphy

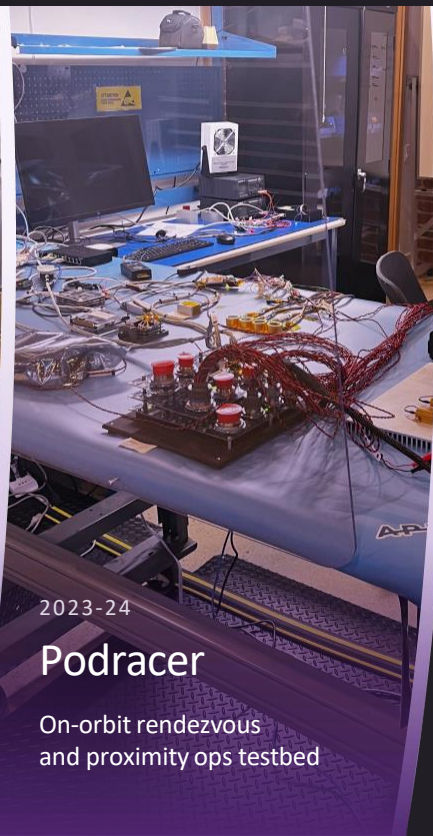
First privately-owned mission
to resupply water to the ISS



2020-21

Tenzing

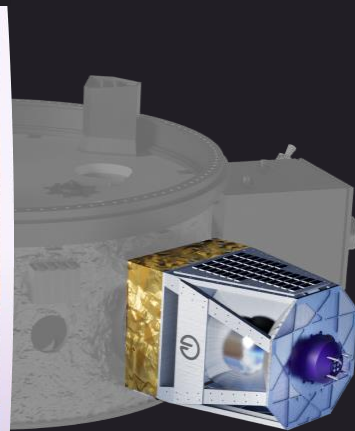
First commercial fuel
depot in space



2023-24

Podracer

On-orbit rendezvous
and proximity ops testbed

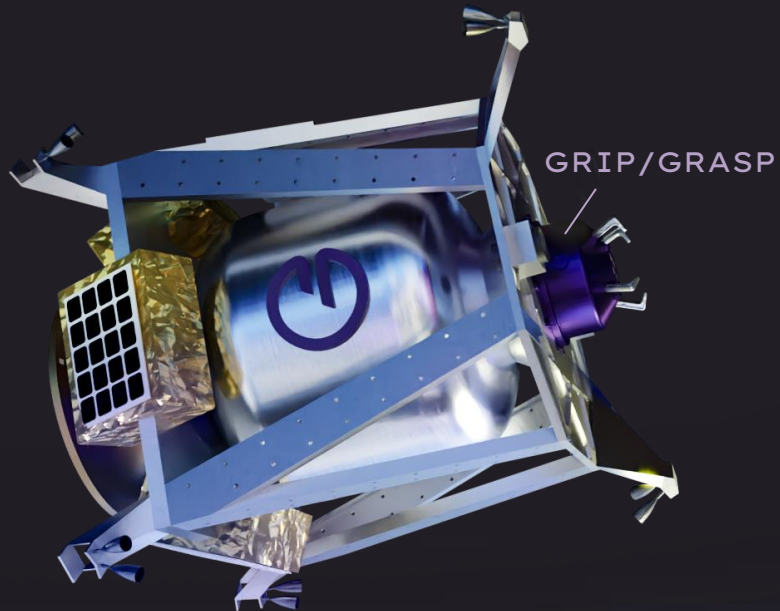


2025-26

First Refuelling

First commercial fuel depot
offering self-service refuelling

Refuelling Interface



Shuttle-Depot Architecture

Orbit Fab Interfaces:



RAFTI

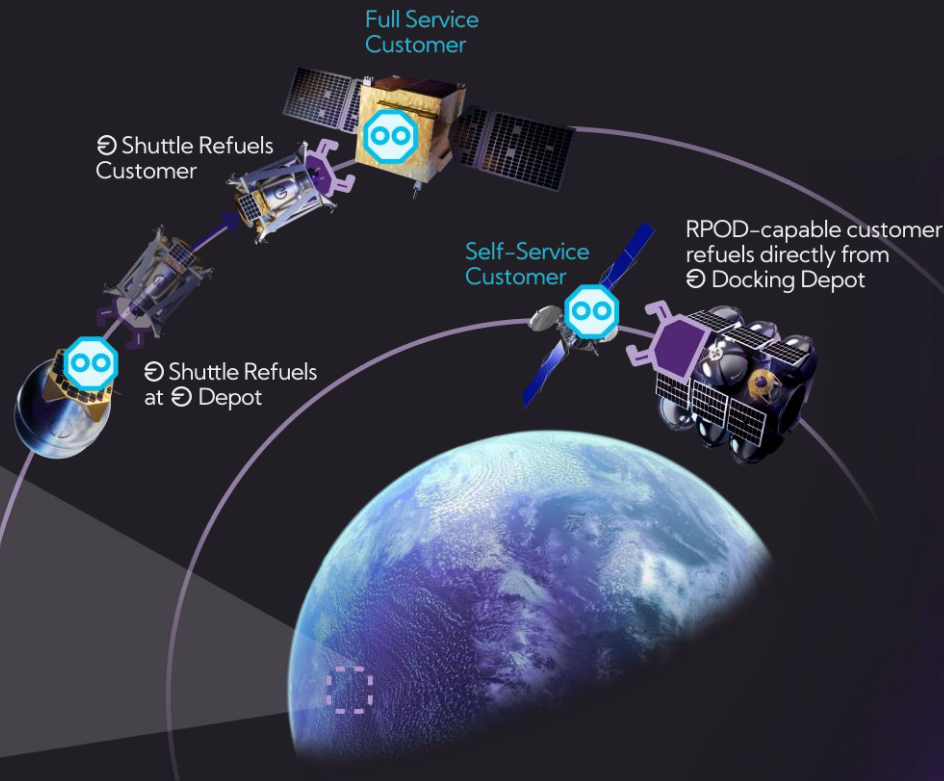


GRIP/GRASP

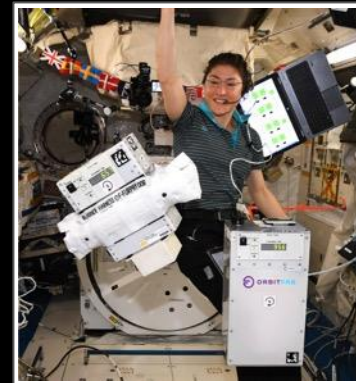
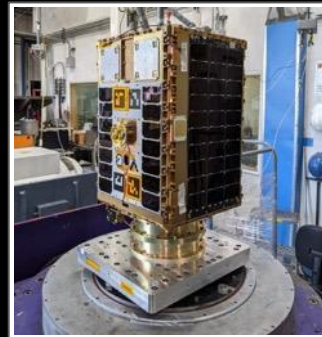
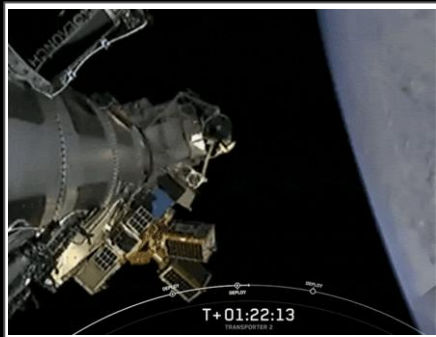
Manual Ground
Fueling with RAFTI
Ground Coupling



Automated
Ground Fueling








ORBITFAB
Gas Stations in Space™

