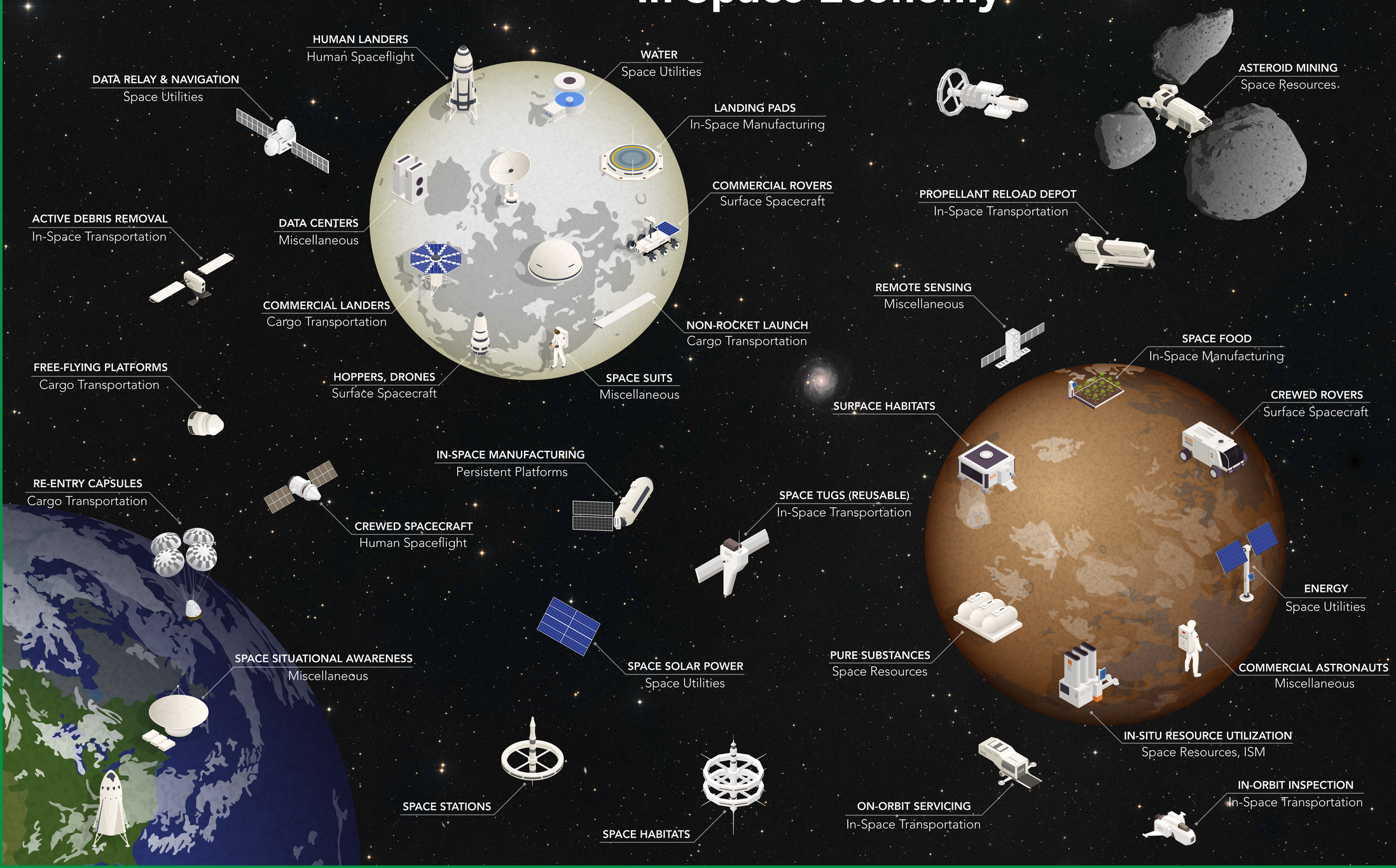
Factories in Space

In-Space Economy

factoriesinspace.com
2024-04-01



In-Space Economy Classification:

1) Human Spaceflight
   - Crewed Spaceships & Shuttles
   - Crewed Landers
2) Cargo Transportation & Landers
   - Robotic Landers (Moon, Mars)
   - Re-Entry Vehicles & Capsules
   - Cargo Resupply Services
   - Reusable Satellites
3) Surface Spacecraft
   - Surface Mobility
   - Robotic Rovers
   - Drones, Hoppers
4) Space Stations & Habitats
   - Persistent Platforms
   - Robotic Space Stations
5) Surface Habitats & Structures
   - Surface Facilities, Infrastructure
6) In-Space Manufacturing (ISM)
   - In-Space Production
   - Space Food, Space Agriculture
   - Microgravity Manufacturing
   - In-Space Assembly & Construction
   - Geoengineering
7) Space Resources
   - ISRU (In-Situ Resource Utilization)
   - Pure Substances (Ice, O2, Metals)
   - Space, Lunar & Asteroid Mining
   - Prospecting, Processing, Recycling
8) Space Utilities
   - Energy, Power Beaming
   - In-Space Internet, Data Relay
   - Navigation
   - Water, Propellant
9) In-Space Transportation
   - Space Tugs, Space Trucks
   - Orbital Transfer Vehicles (OTV)
   - On-Orbit Servicing
   - Propellant Reloading Depot
   - Active Debris Removal (ADR)
   - In-Orbit Inspection
   - In-Space Mobility, Space Logistics
   - Satellite Life Extension
   - Last Mile Delivery
10) Miscellaneous
   - Microgravity Payload Services
   - In-Orbit Computing, Storage
   - Space-Flown Items
   - Space Suits & Garments
   - Commercial Astronauts
   - Space Entertainment, Advertising
   - Space Traffic Management
   - Space Tourism Support, etc.

*By Erik Kulu since 2020