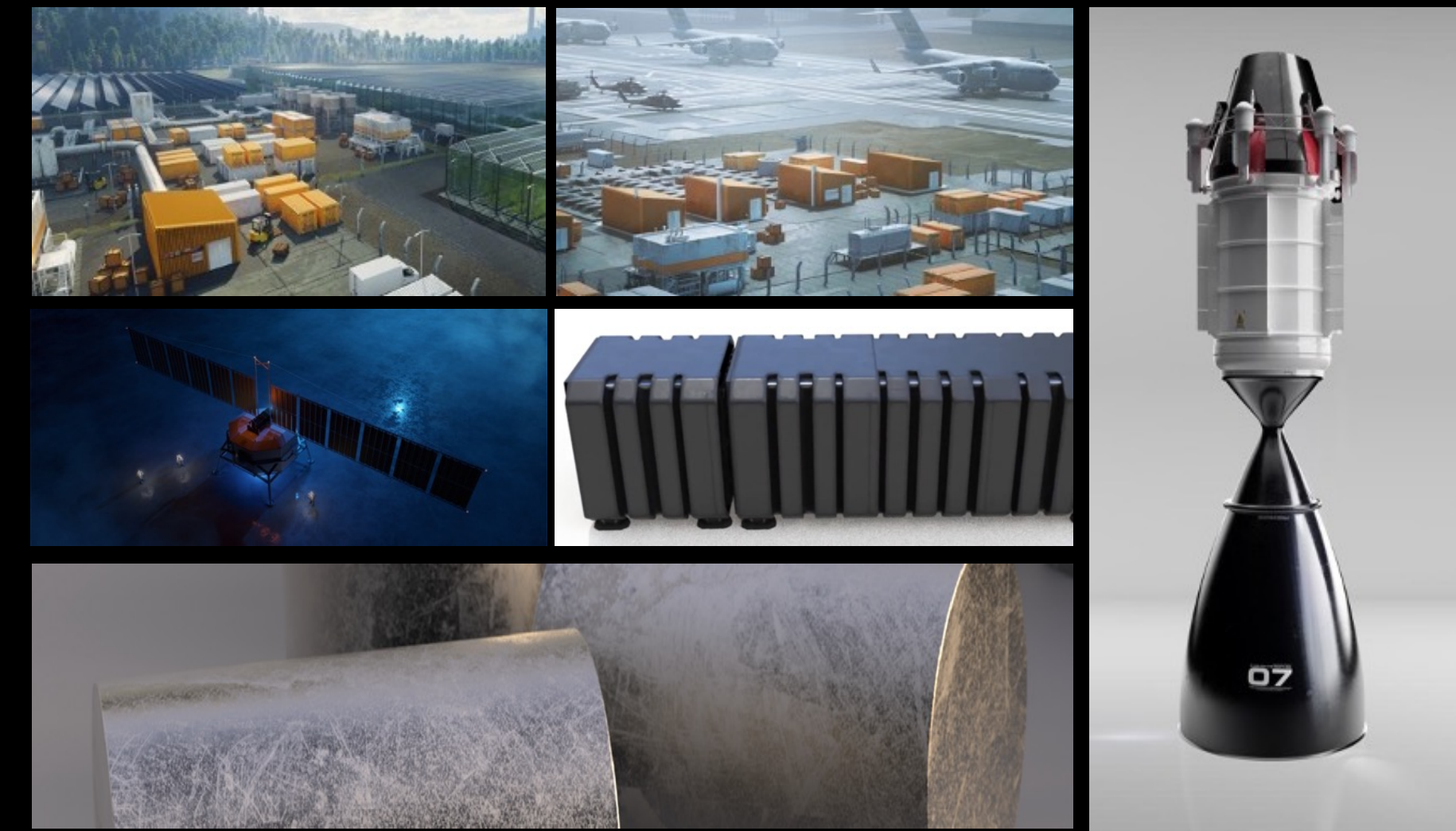


ULTRA SAFE NUCLEAR

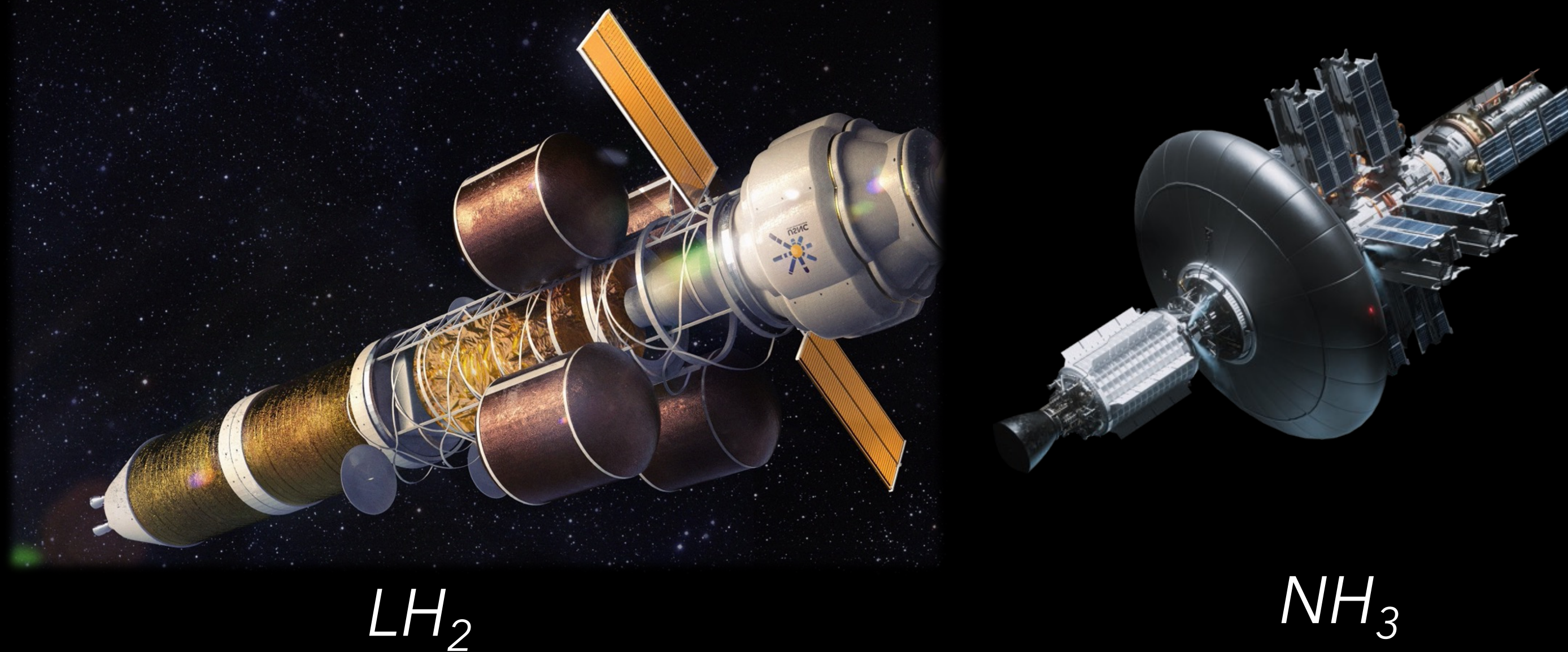
Reliable Power ANYWHERE

- 300+ people, privately funded
- Terrestrial & space nuclear
 - Fission Power
 - Nuclear Thermal Propulsion
 - Radioisotopes
- NASA & DoD Contractor
 - NASA NTP
 - NASA NIAC
 - DIU NAPP
- Commercial fission fuel production
 - Pilot fuel factory opened in August 2022
 - First fuel sale to NASA
- Terrestrial power production in 2027

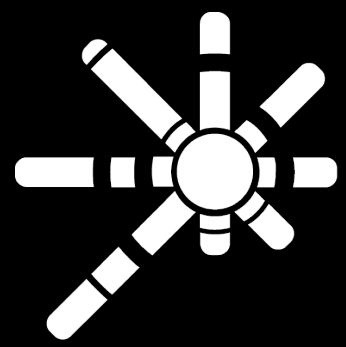


NUCLEAR THERMAL PROPULSION

Go Farther Faster



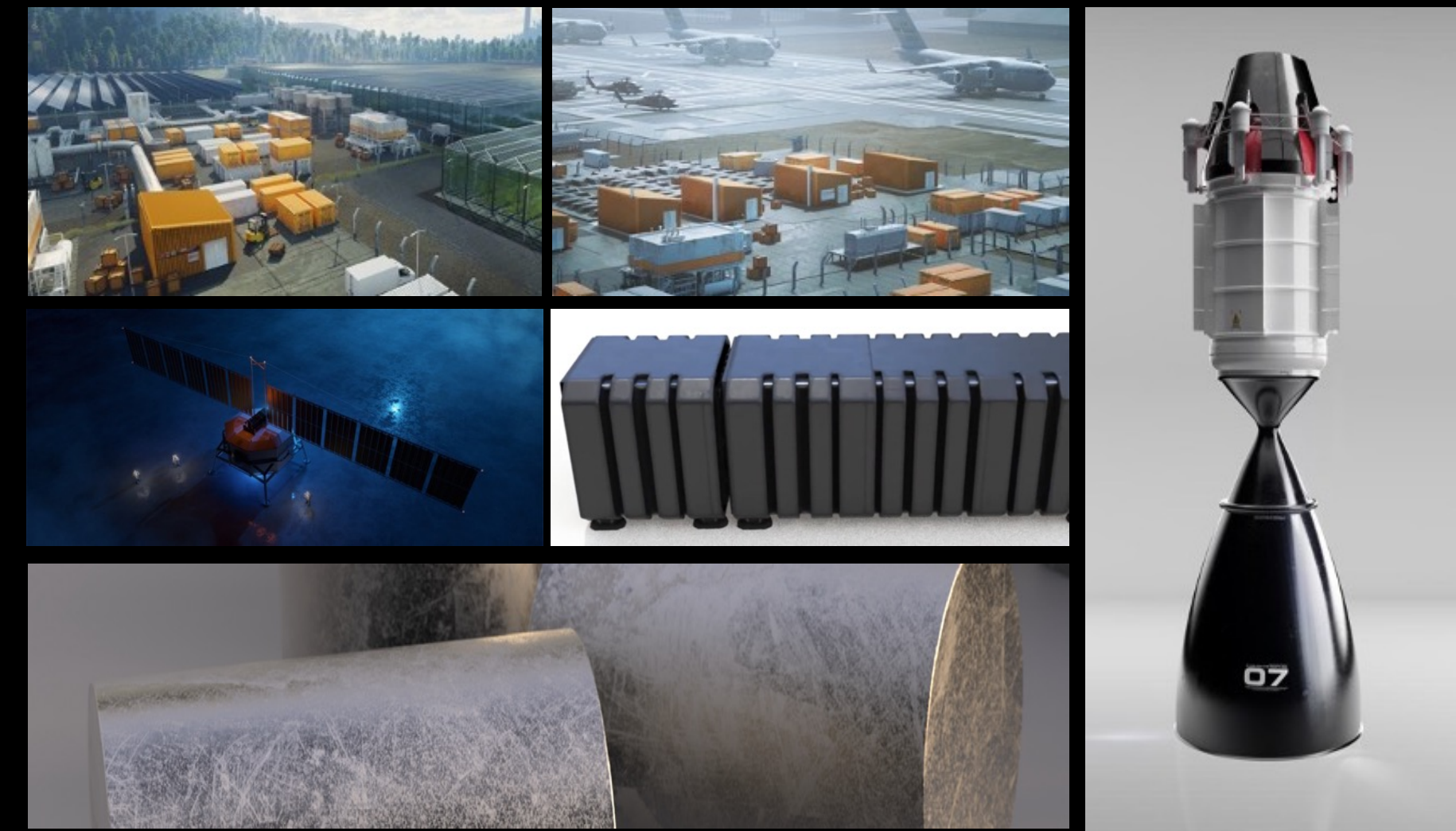
- *Faster transit times to distant destinations.*
- *Larger science payloads and spacecraft.*
- *Greater flexibility in launch windows by avoiding narrow-window, gravity-assist trajectories.*
- *Enables low-cost commercial launchers for missions that were previously only possible with SLS.*
- *Combining multiple missions into a single rideshare.*
- *Available for missions in late 2020's / early 2030's*



ULTRA SAFE NUCLEAR

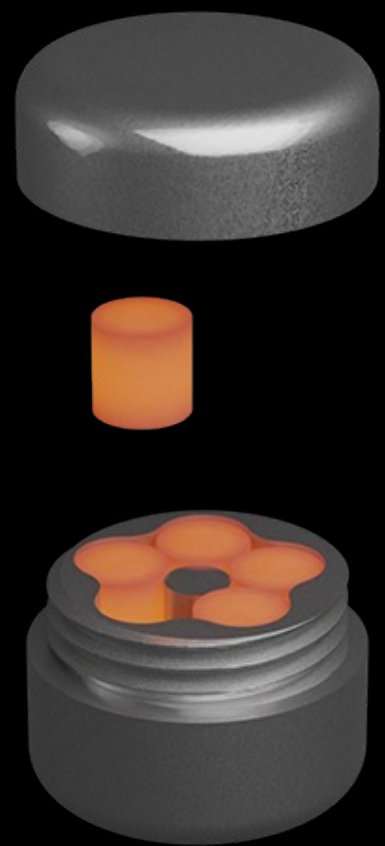
Reliable Power ANYWHERE

- 300+ people, privately funded
- Terrestrial & space nuclear
 - Fission Power
 - Nuclear Thermal Propulsion
 - Radioisotopes
- NASA & DoD Contractor
 - NASA NTP
 - NASA NIAC
 - DIU NAPP
- Commercial fission fuel production
 - Pilot fuel factory opened in August 2022
 - First fuel sale to NASA
- Terrestrial power production in 2027



EMBERCORE™

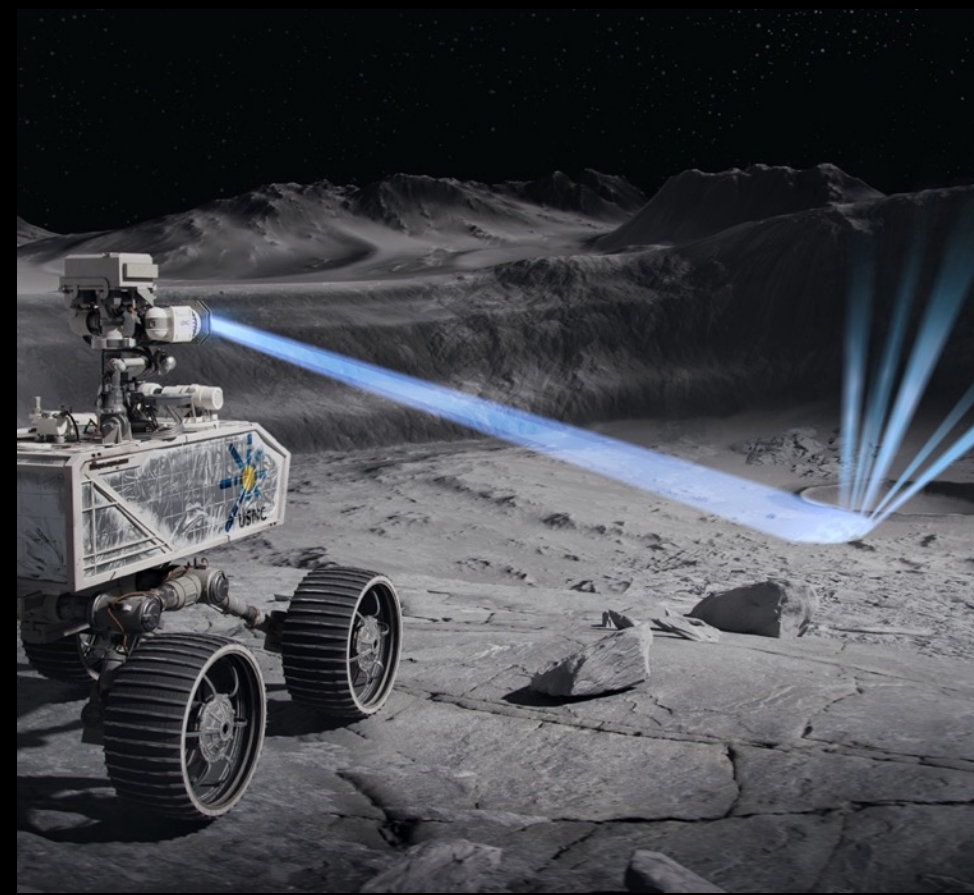
Make the Most of the Dark™



RHU



RPS



Radiation Sources

- DoD, NASA, & IRAD funded
- Flexible platform:
 - Radioisotope heater units
 - Radioisotope power systems
 - Radiation sources
- mW - kW
- 4 month - 10+ year half-lives
- Regulatory Demo Mission in late 2024