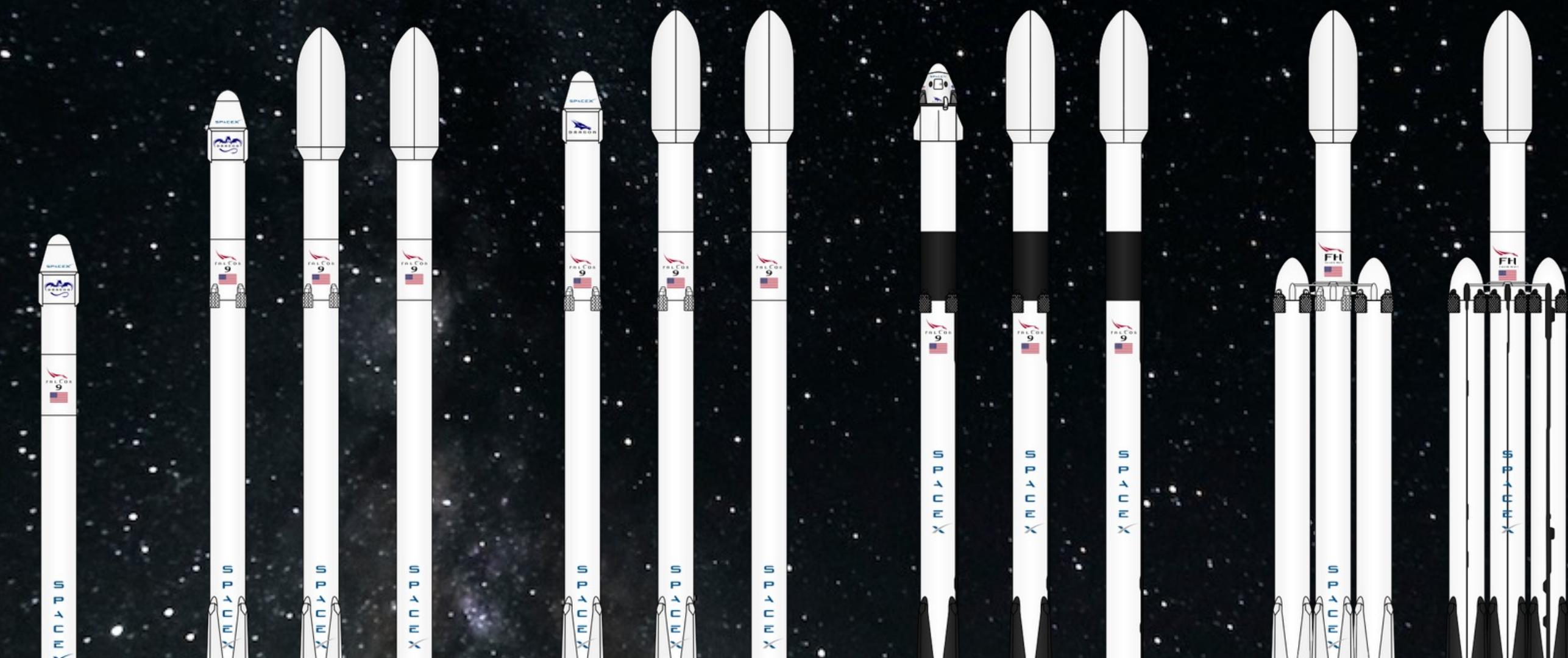




To Advance the Future



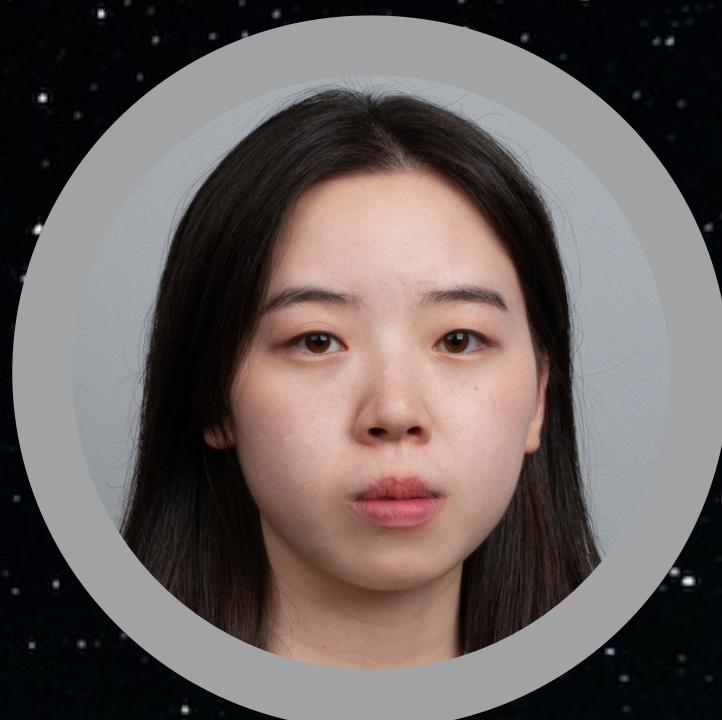
Meet the Team



Zimo



David



Yun



Jeremy



Sathish

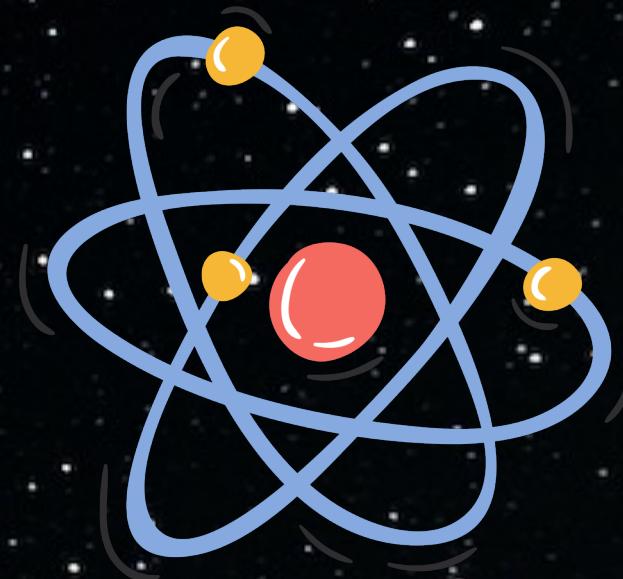
Executive Summary



Global
Connectivity

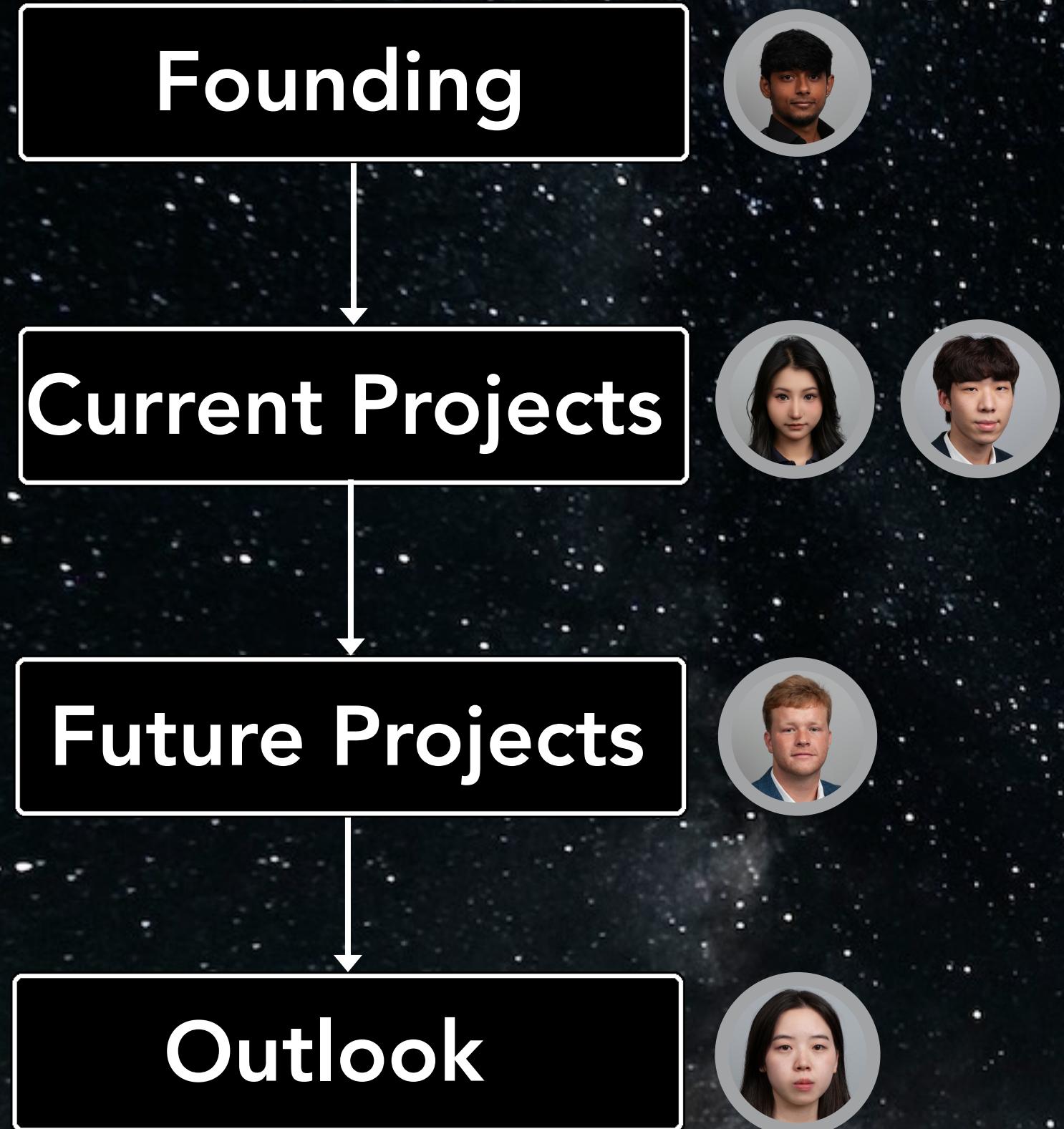


Environmental
Stewardship



Advancing Humanity's
Interplanetary Future

Road map



Founding

1. Founded in March, 2002 by Elon Musk.
2. Main aim of reducing cost of space travel.
3. Colonize Mars.
4. Falcon 1, Falcon 9, Dragon.



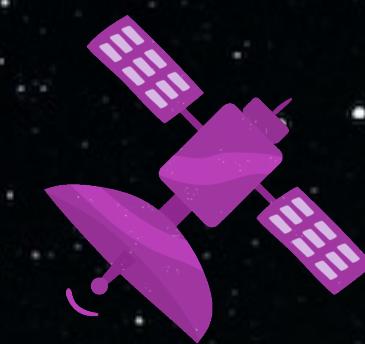
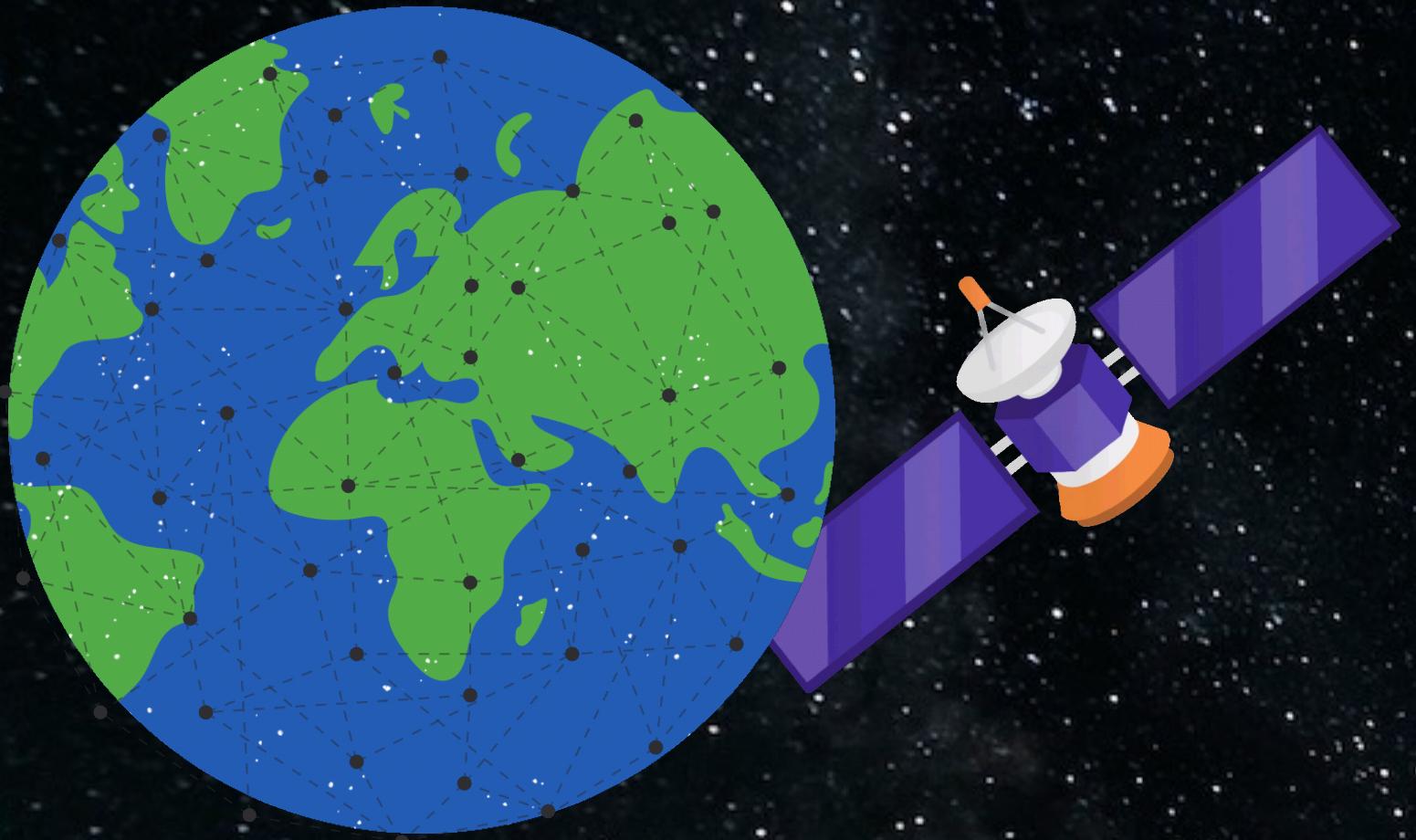


Connect to high-speed, low-latency internet across the globe, even in the most remote and rural locations.

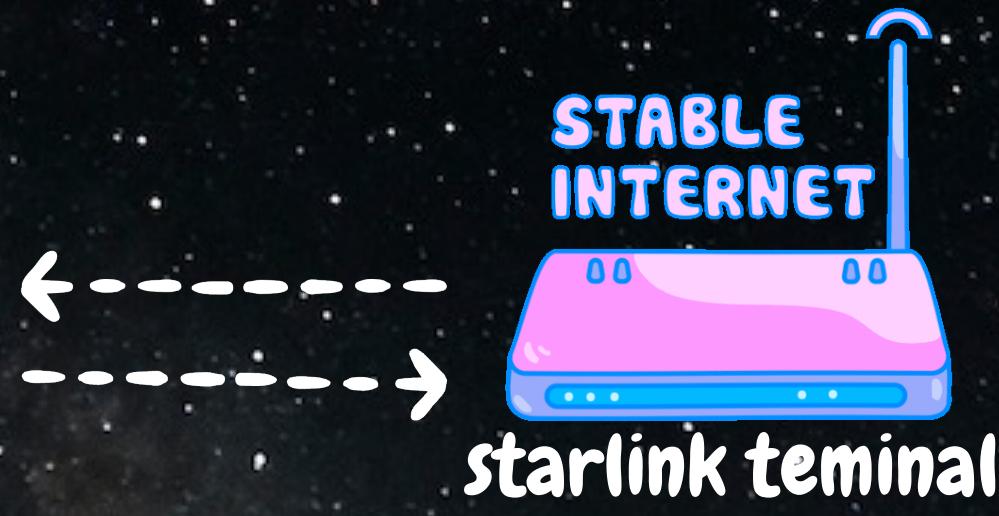
- Global Internet Coverage
- High-Speed Internet
- Low Latency
- Scalability

Starlink

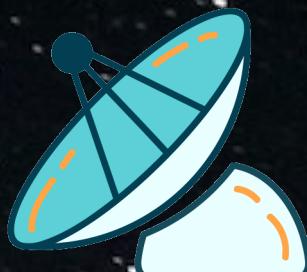
How it works



Starlink
satellite



starlink terminal



groud station

Starlink

Impact on daily life

Benefits:

- Telecommuting and Remote Work
- Education and Research
- Emergency Services

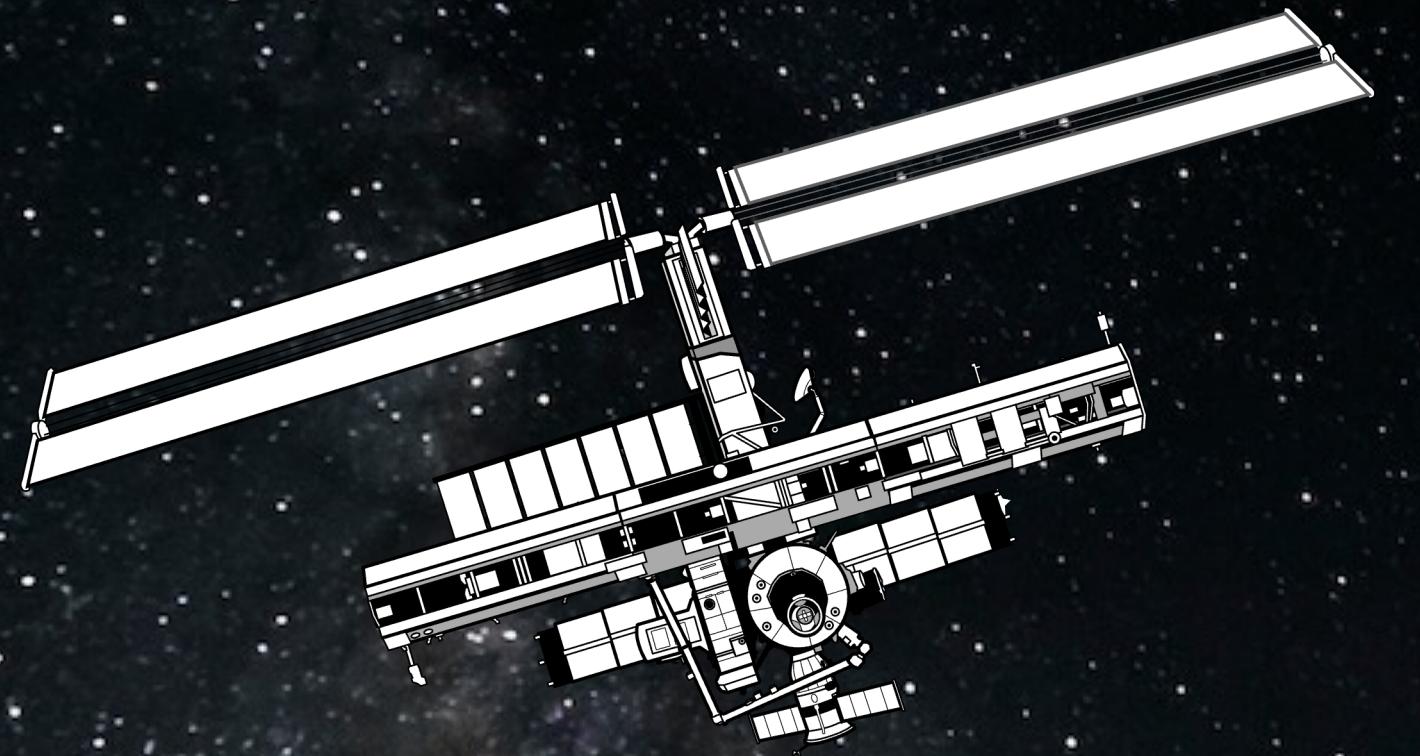
Concerns:

- Space Debris
- Privacy and Surveillance

Rideshare Mission

Falcon 9: book your ride to transport payload into SSO orbit

Price at \$275k for 50kg, launches approximately every 4 months



Human Spaceflight

Dragon - capable of carrying up to 7 passengers
to and from Earth orbit, and beyond



Starship - a fully reusable
transportation system
designed to carry both crew
and cargo on long-duration,
interplanetary flights



Future Projects

Colonizing Mars

In 2016, Elon claimed that astronauts could be on the red planet within ten years.

Earlier this year, pushed back that expectation to 2029. Claiming a colony could be established by 2050.

Why?

"Dinosaurs aren't around anymore"

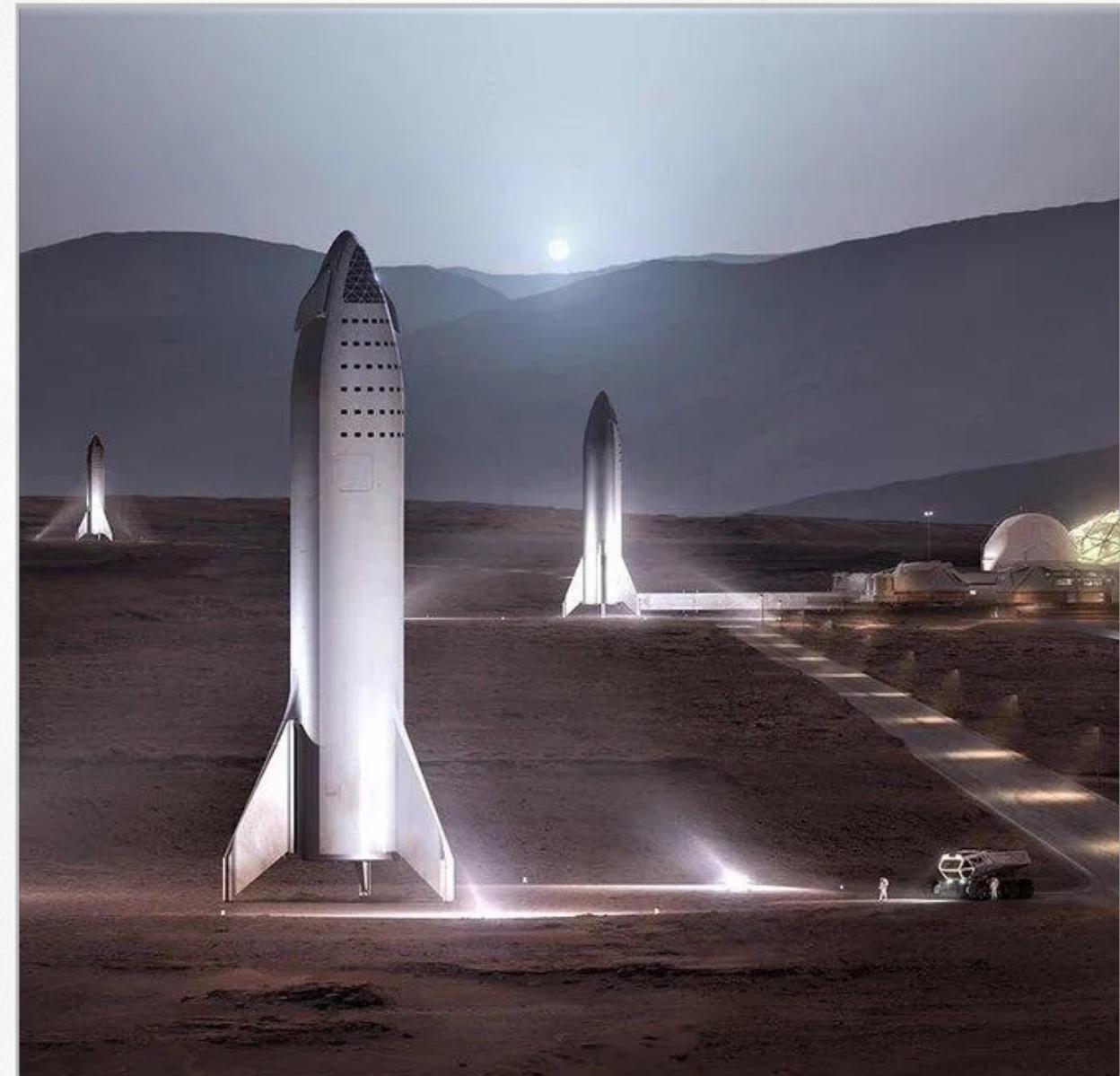
National Oceanic and Atmosphere Administration

Simply put - It's fascinating.

"Noah's Arc"

Ease life on a quickly overcrowded Earth

When?



To: Earth
From: Mars

Why Mars?

Average distance:

140 million miles

Atmosphere:

Primarily CO₂

Gravity:

Roughly 38% to that of Earth

Day on Mars:

24 hrs 37 min.

Diameter:

4,220 mi.



Carbon Capture Program

What?

Announced in December, 2022

Take carbon dioxide out of the atmosphere and turn it into rocket fuel.

Timeline for the development is unclear.

Why?

Cost-reduction in space exploration

Elon is often accused of neglecting problems on Earth in favor of private space.

Environmental stewardship



Commitment to Environmental Sustainability

- **SpaceX's Rocket Reusability**
- SpaceX's reusable rockets (Falcon 9 and the Dragon spacecraft) use up to 30% less fuel than traditional single-use rockets
- **Renewable Energy Sources**
- Invested in solar and wind power
- Carbon Capture Program

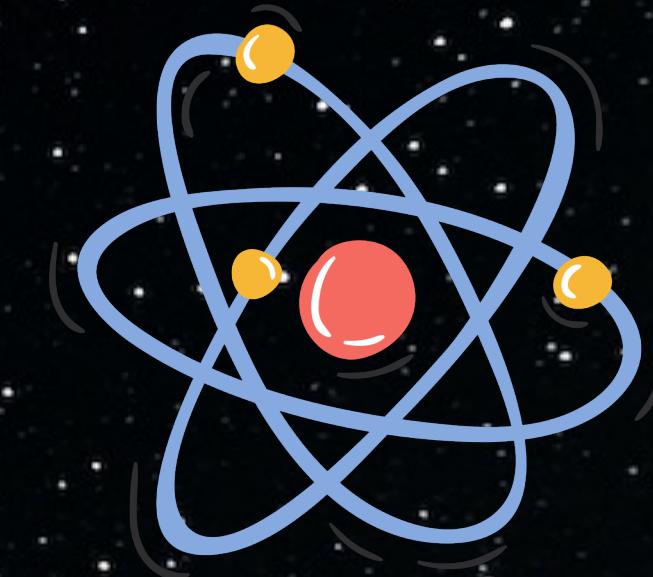
Conclusion



Global
Connectivity



Environmental
Stewardship



Advancing Humanity's
Interplanetary Future

"I can't think of anything more exciting than going out there and being among the stars." -Elon Musk

