

A SpaceX Falcon Heavy rocket is shown in the lower-left foreground, angled upwards. The background features a large, curved horizon of the Earth, with a bright orange and red sunset or sunrise glow on the right side. The overall scene is set in the blackness of space.

Why does SpaceX want to make the human species interplanetary ?

and how to do it.

A Falcon Heavy rocket is shown in the process of launching, ascending vertically into a clear blue sky. A massive, billowing cloud of white smoke and fire emanates from the base of the rocket, partially obscuring the launch pad. In the background, a large, white, industrial building with the SpaceX logo and an American flag is visible. A water tower with the word "SPACE" on it is also visible in the distance. The scene is set at a launch facility, likely SpaceX's Starbase in Texas.

Part I

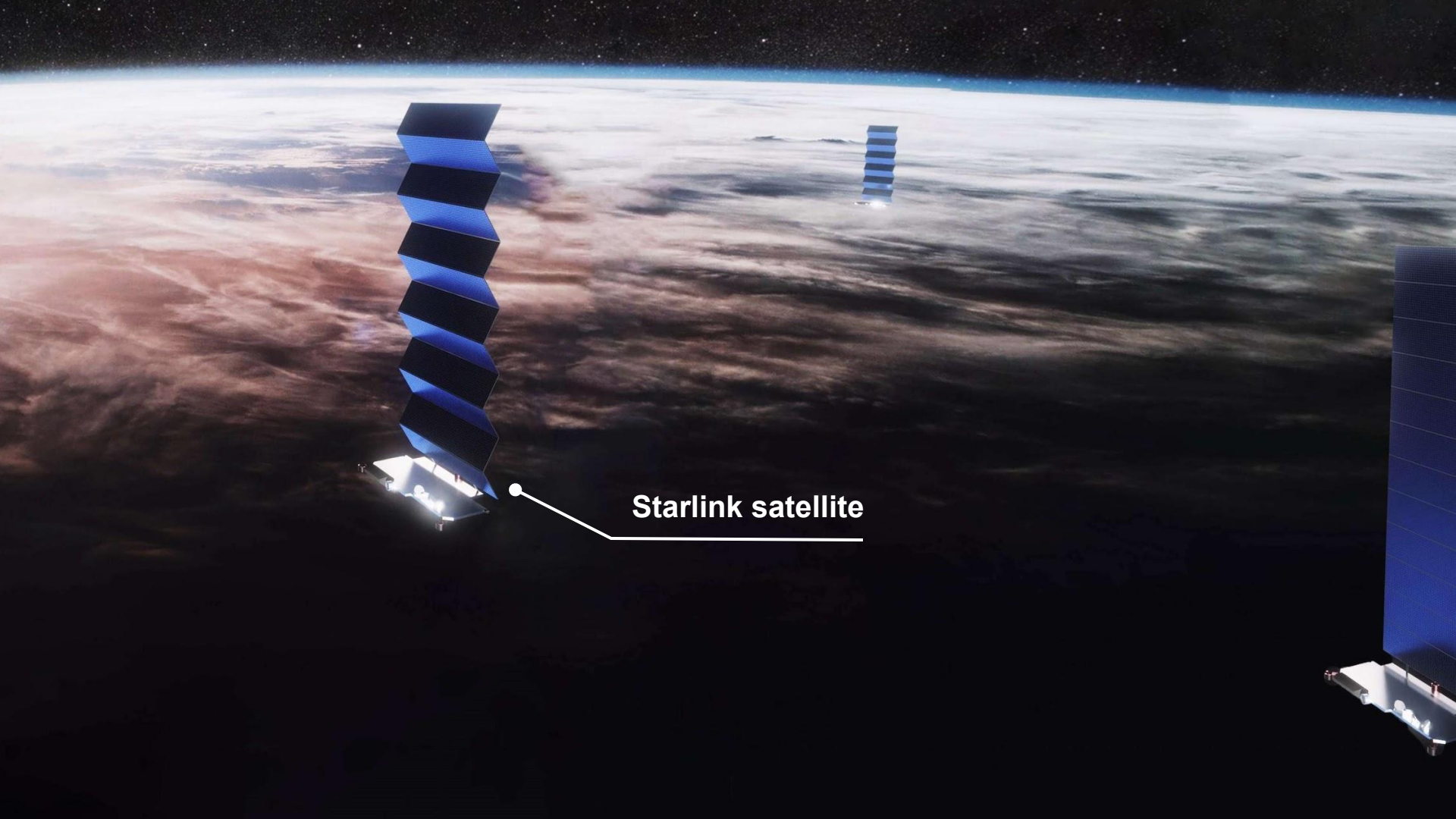
What is SpaceX



Falcon 9

The image shows a Falcon 9 rocket standing vertically on a launch pad. The rocket is white with black and orange accents. At the top is the Crew Dragon capsule. To the right of the rocket is a tall, dark metal service structure. The background is a cloudy sky at dusk or dawn. Several ground support structures and lights are visible at the base of the launch pad.

Crew Dragon

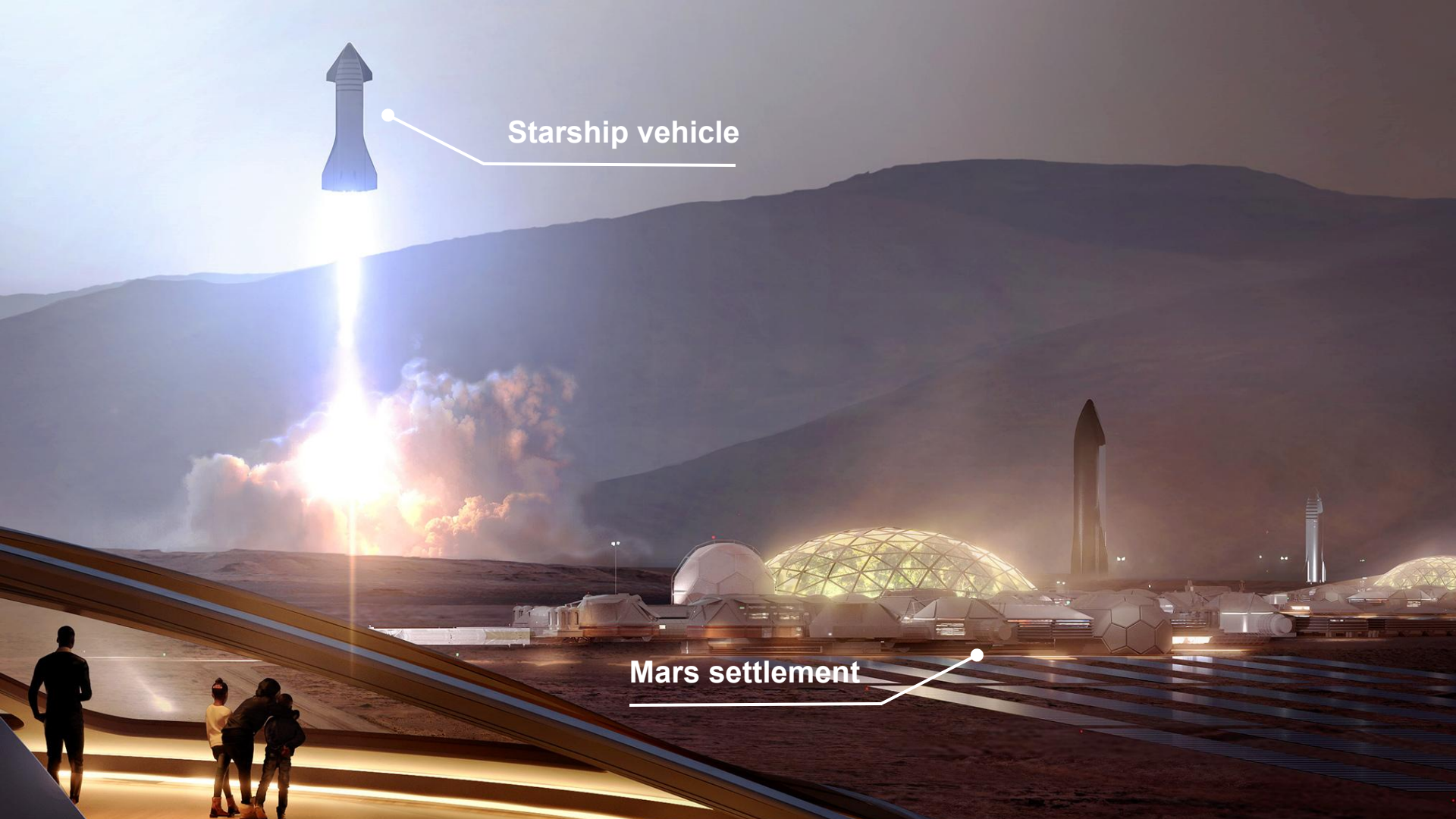



Starlink satellite



Starship vehicle

Mars settlement



A futuristic, white, conical rocket ship stands on a dark, reflective surface. The ship has a series of small, glowing windows along its upper section. It is supported by a black, tripod-like structure. The surface it stands on is dark and highly reflective, showing the ship's silhouette and the surrounding environment. In the background, a large, detailed planet with swirling orange, yellow, and blue clouds dominates the right side of the frame. The sky is a deep black, filled with numerous stars and a faint, hazy band of light, possibly a nebula or the Milky Way. The overall scene is set in a vast, dark space.

Part II

Why become interplanetary?



Lunar settlement

Stanley Kubrick's 2001: A Space Odyssey (1968)

A dramatic space scene showing a massive, irregularly shaped asteroid streaking through the void towards the Earth. The asteroid is engulfed in intense orange and yellow flames, with a long, billowing trail of fire and dark smoke extending behind it. The Earth's curved horizon is visible on the left, showing a blue atmospheric glow and a detailed view of the continents of North and South America. A white line originates from the text and points directly at the leading edge of the burning asteroid.

Huge asteroid

and it wants to destroy
the Earth

A large yellow crawler-transporter is lifting a Falcon Heavy rocket, which is encased in a shiny, metallic Mobile Launcher Platform (MLP), from a barge. The MLP is being hoisted by a large yellow crane arm. The rocket is oriented vertically, and the MLP's reflective surface shows the surrounding environment. The scene is set outdoors on a clear day with a blue sky and some clouds. In the background, there are other vehicles and equipment, including a blue crane with "United Rentals" and "6000 57400" written on it. The overall atmosphere is one of industrial scale and precision engineering.

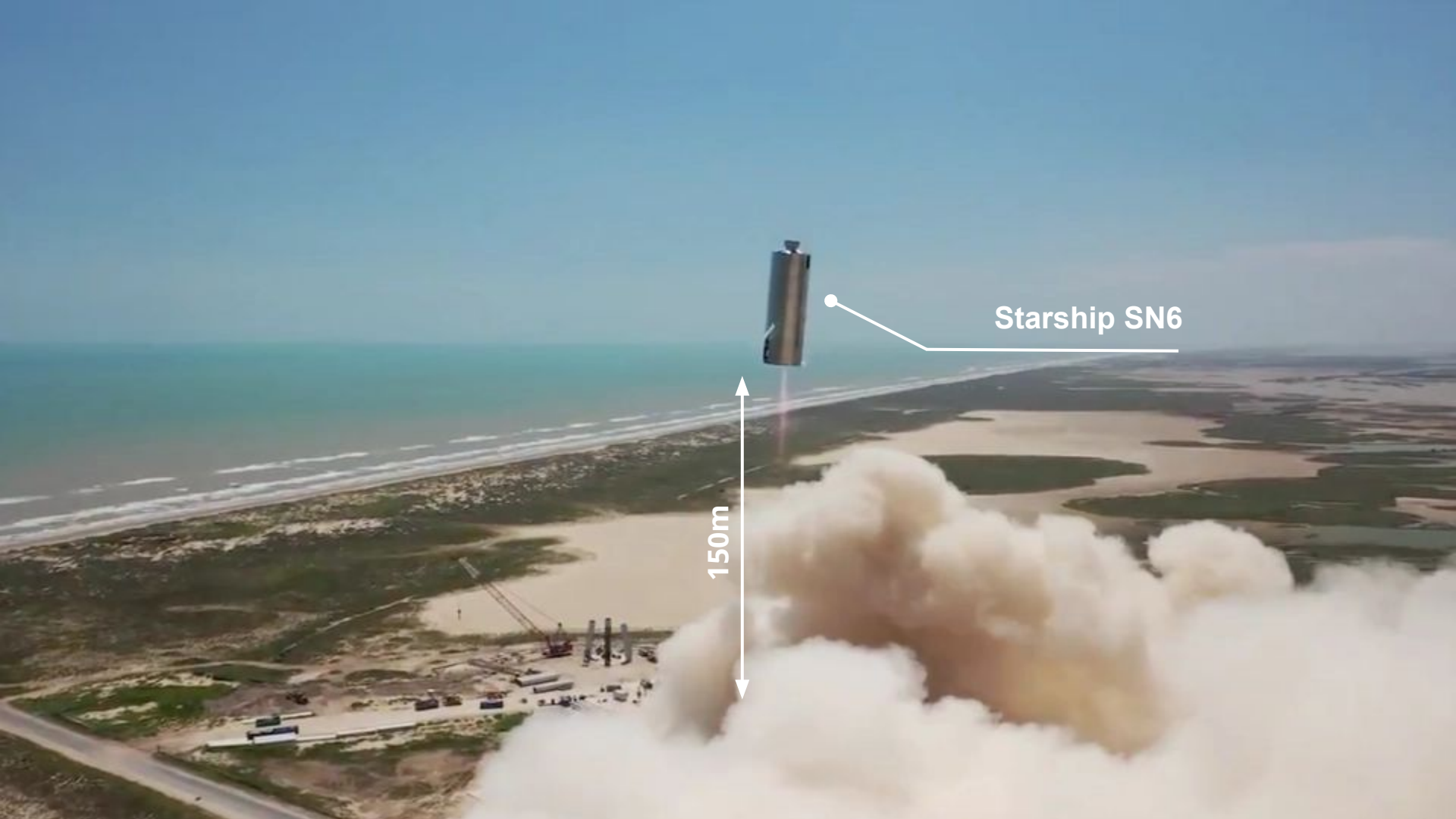
Part III

How to do it?

A full-page photograph of a SpaceX Starship rocket launching. The rocket is angled upwards, leaving a massive, bright orange and white plume of fire and smoke that extends from the bottom of the frame. The sky is a mix of deep blue and orange, suggesting a sunset or sunrise. Two white leader lines with circular endpoints point to the upper and lower sections of the rocket. The lower section is labeled 'Super Heavy booster' and the upper section is labeled 'Starship'.

Super Heavy
booster

Starship

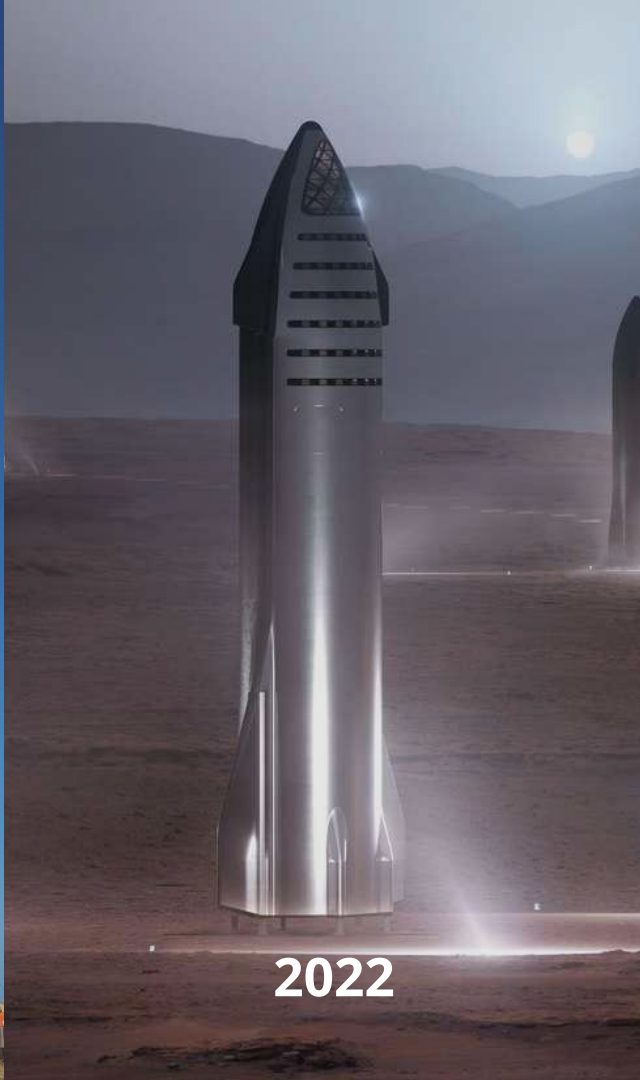


Starship SN6

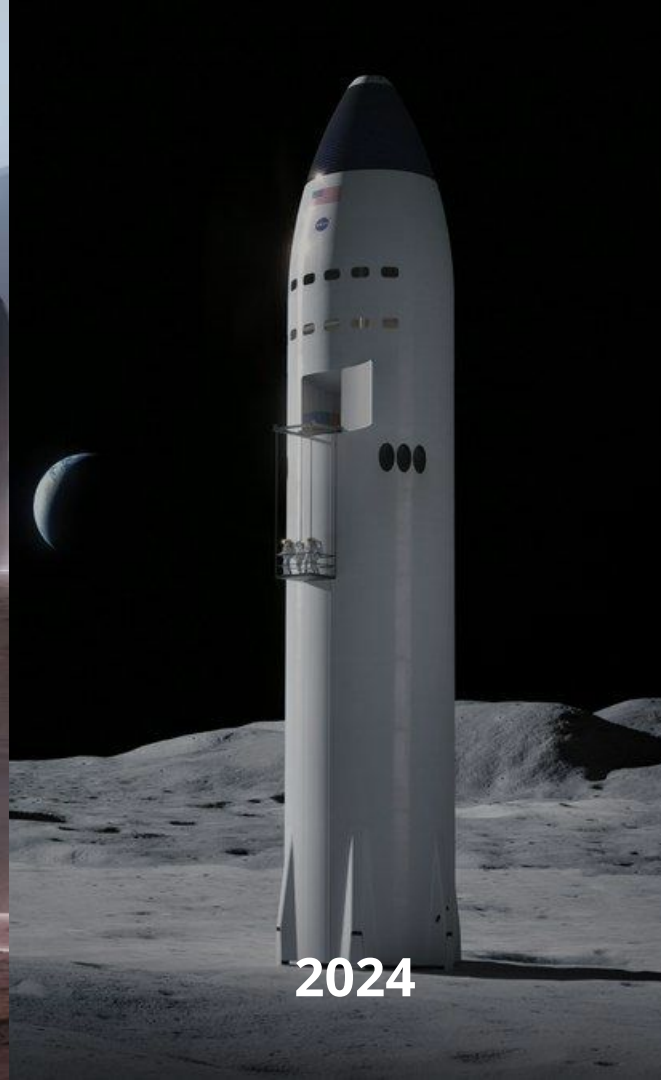
150m



Early 2021



2022



2024

Thank you!



presentation by
Axel Coézard - L2 Info

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