



# S SPACE FORGE

MAKING SPACE WORK  
FOR HUMANITY



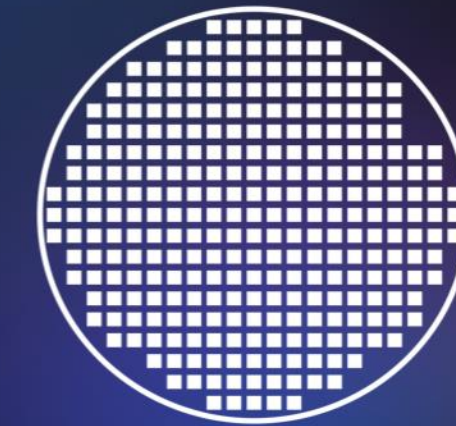
# The World Depends on Material Science



19th Century



20th Century



21st Century

A **\$103 billion** opportunity by 2040



**\$2.2Bn**

Immediately  
Accessible

## The next industrial revolution **isn't on Earth**

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In space, we can manufacture superior  
conductive materials used in **electronics**

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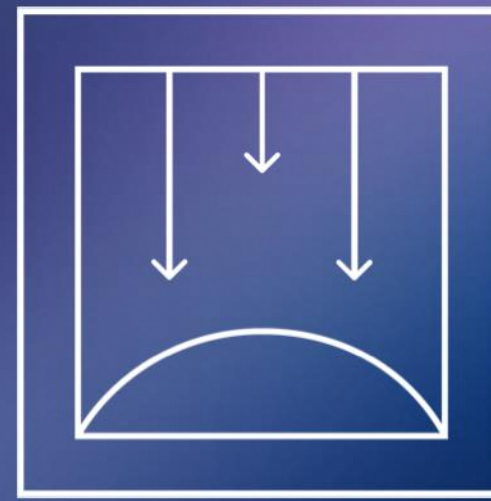
Manufacturing in space has not been  
efficient... **until now**



# The barriers to space manufacturing



Opportunities  
constrained by ISS



No dedicated  
platform

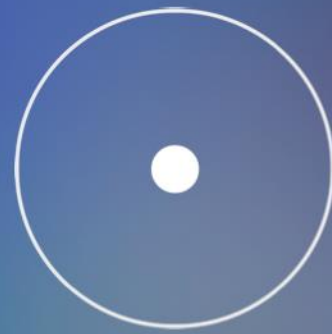


No soft  
return



# Solution

Space Forge has created a low-cost space vehicle that is:



**Dedicated**



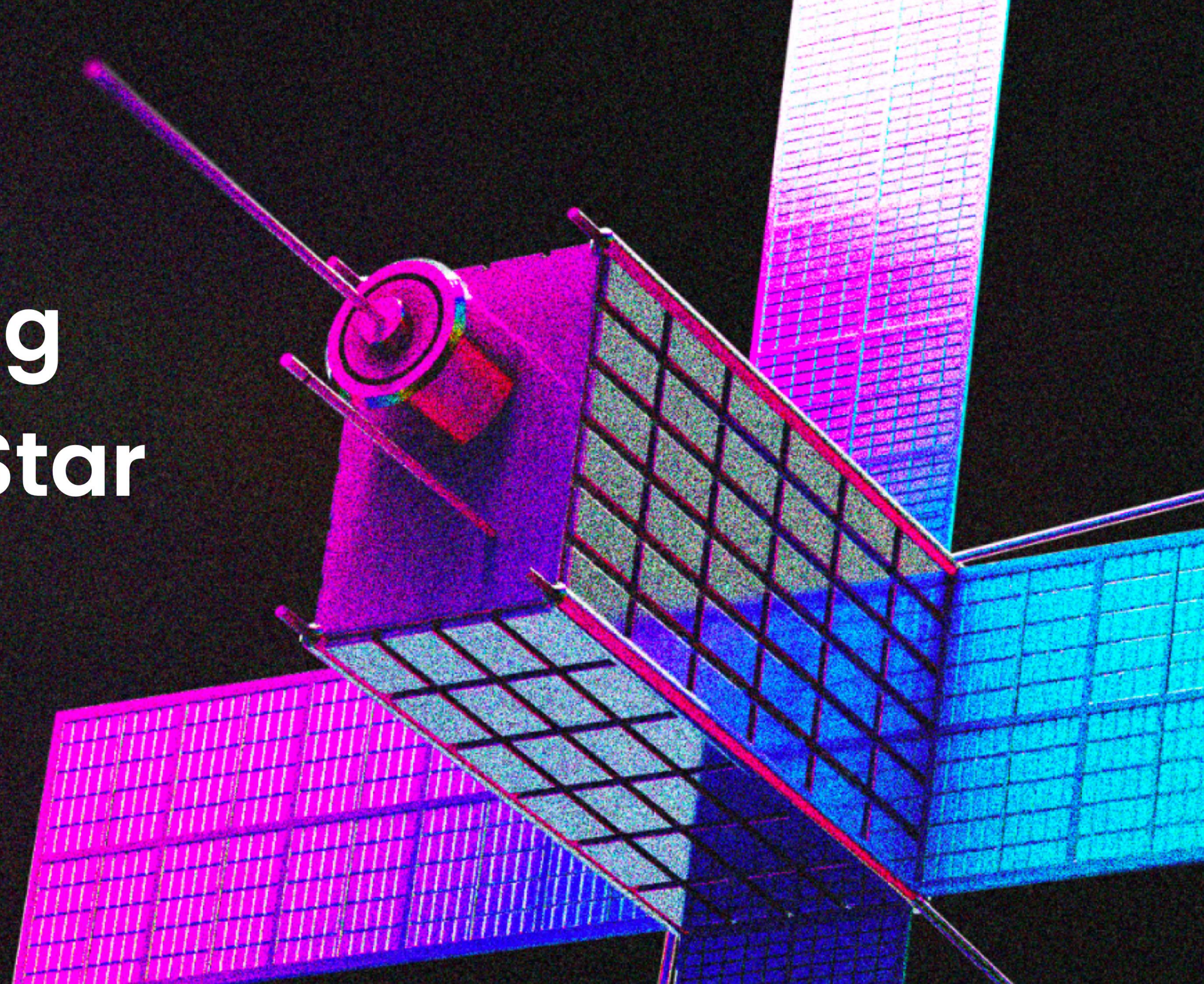
**Scalable**



**Returnable**



# Introducing the ForgeStar





# The ForgeStar



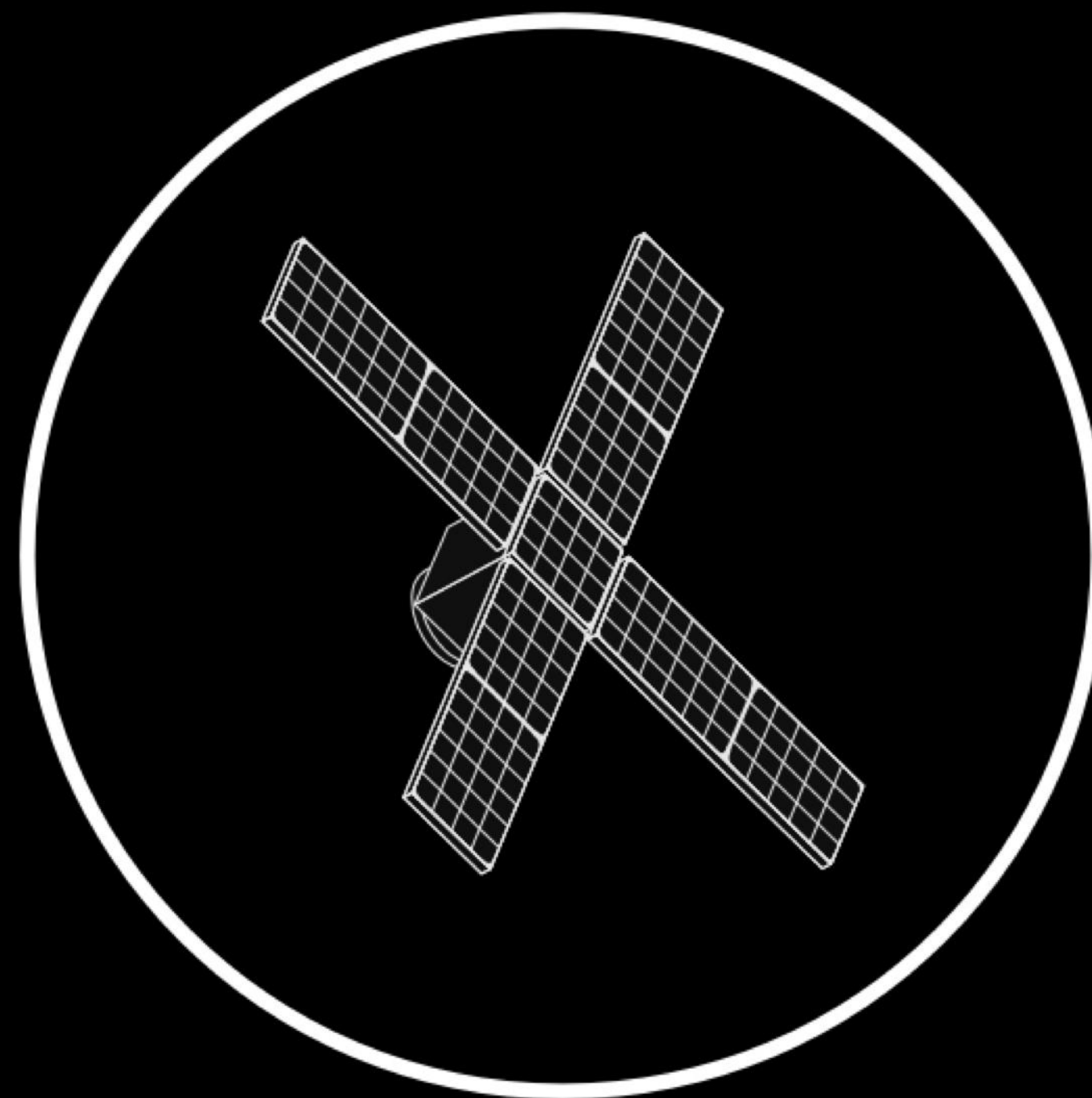
L a u n c h   -   F o r g e   -   R e t u r n   -   R e p e a t



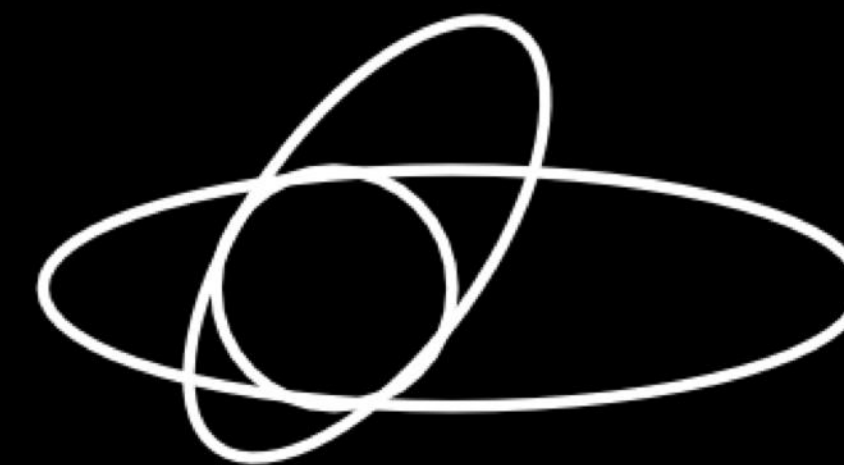
1kW payload  
average over 100kg



Mission  
length of your  
desire



Return to either  
Hemisphere



Multitude of  
supported profiles -  
including cislunar  
return



# Three Unique Underpinning Technologies

## Pridwen

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Fully reusable heat-shield and re-entry device –  
for use on ForgeStar platforms and others

## Payload

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Reactor for use on orbit – capable of producing 14  
different material classes

## Aether

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Live data satellite re-entry and early warning tool –  
order of magnitude accuracy improvement



The image features a view of the Earth from space, showing the blue oceans, white clouds, and green landmasses. The Earth's horizon is visible at the bottom of the frame. The background is a deep black space filled with numerous small, bright stars. Overlaid on this background is the Space Forge logo and tagline in white text.

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