

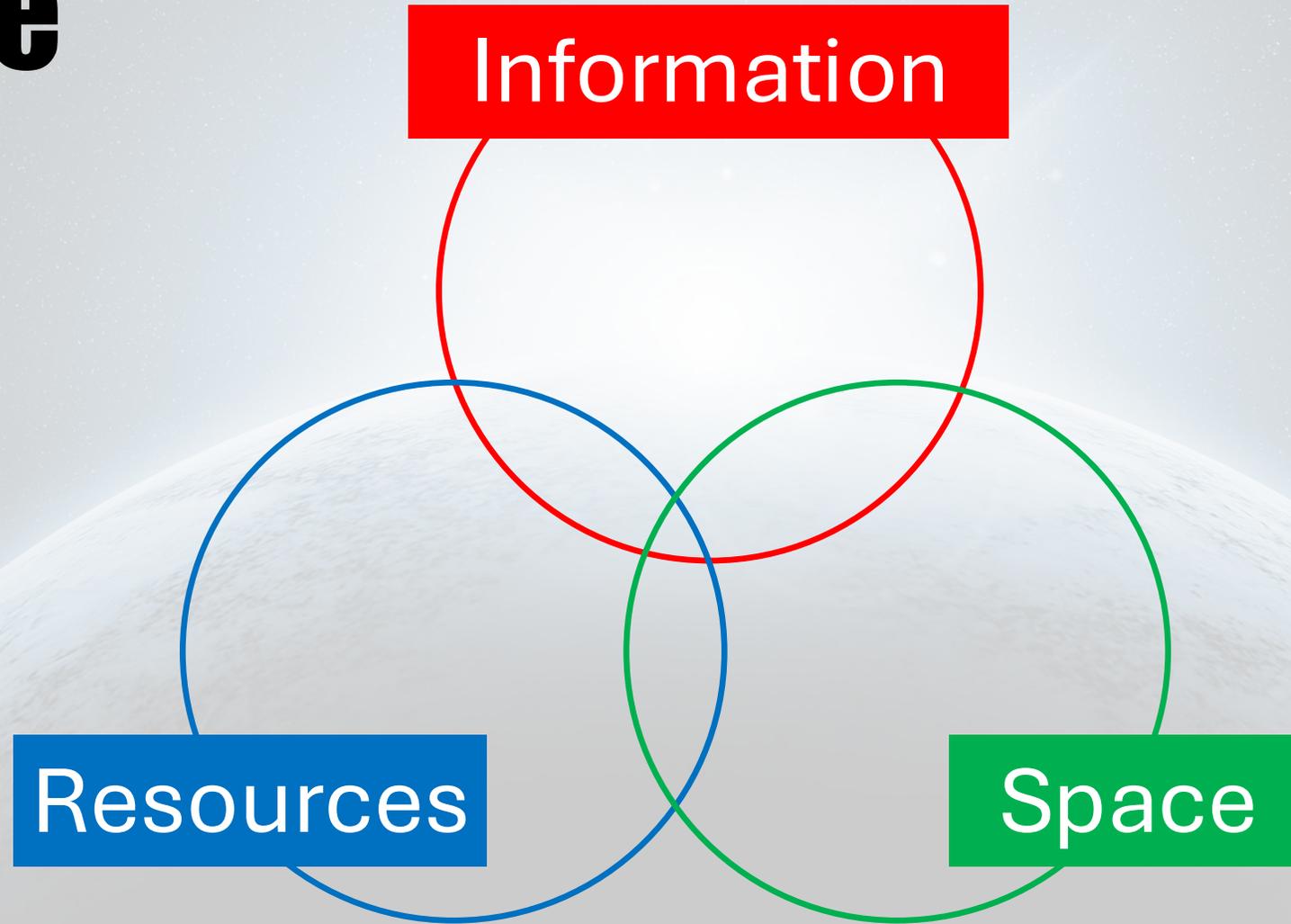


フセースペース

Make New Era of Space Transportation

Takayuki Matsushita

Issue



**Around
the Earth**



Moon

Mars



**Asteroid
Belts**

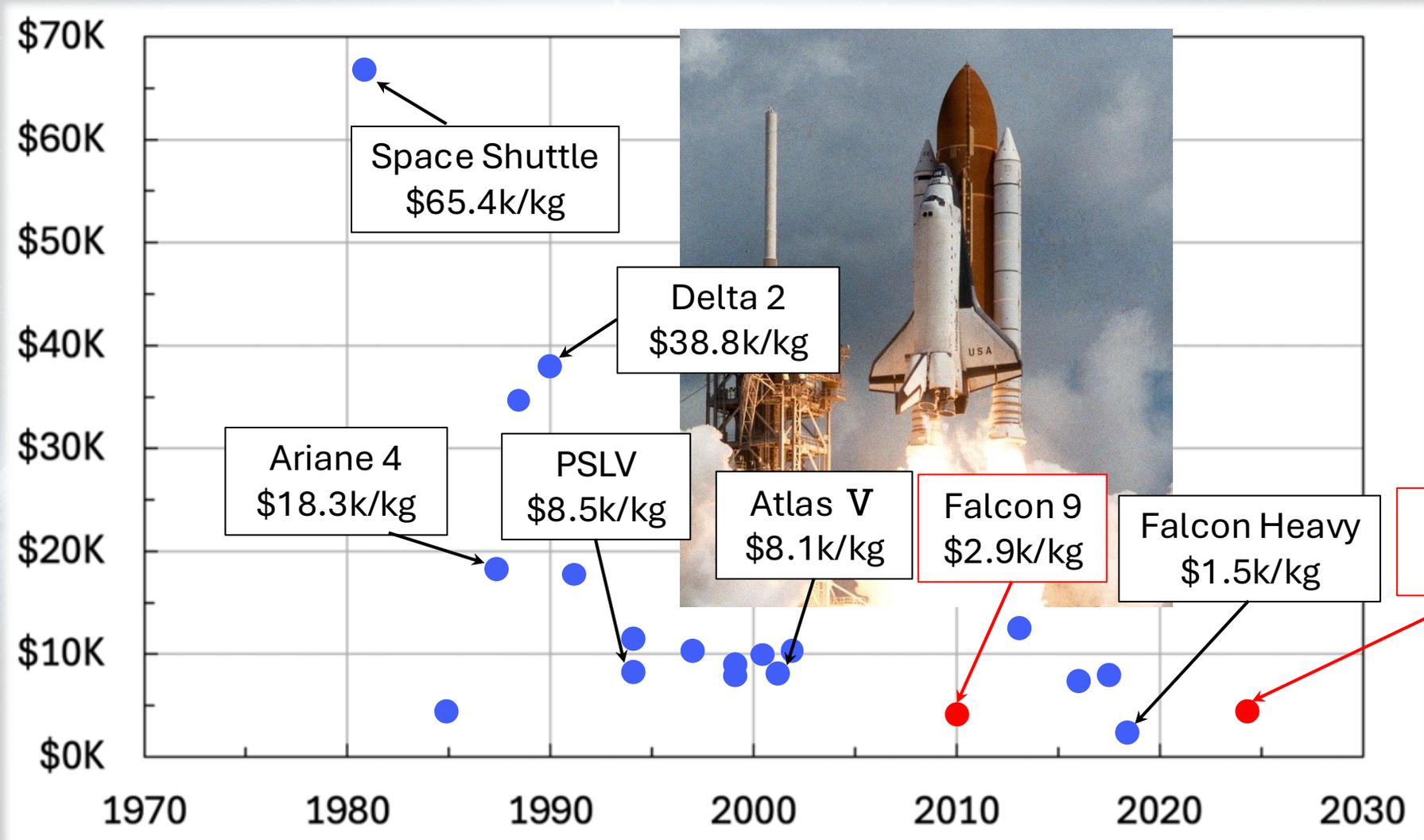
Issue



V2 (1944~1952)



Issue



Problem (SpaceX's Falcon 9 benchmark)

Manufacturing Cost

\$2.0M /unit ×10

Engine System Weight

470 kg / unit ×10

Engine Size

3.0 m /unit

**Payload
Cost**

**\$4,200
/kg**



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Make New Era of Space Transportation

Solution

key tech

Rotating Detonation Engine

Rotating **Detonation** Engine

Rotating Detonation **Engine**

Solution

key tech

RDE



Solution (SpaceX's Falcon 9 benchmark)

Manufacturing Cost

\$1.0M /unit ×10

Engine System Weight

95 kg / unit ×10

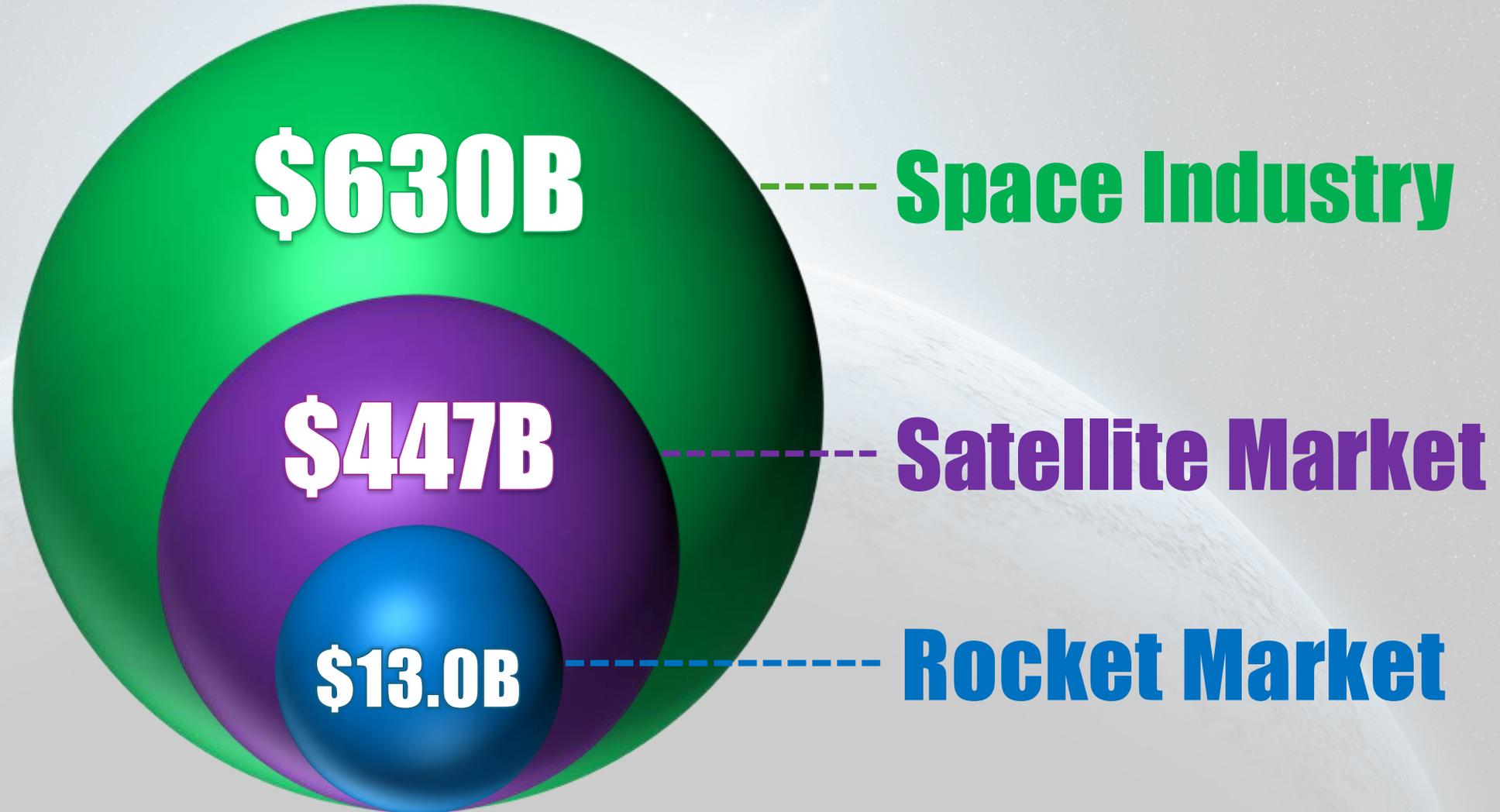
Engine Size

1.3 m /unit

**Payload
Cost**

**\$2,100
/kg**

Market Size



Business Model

IP Licensing **1**
\$6M/rocket



Transportation Service **3**
\$51.5M/rocket

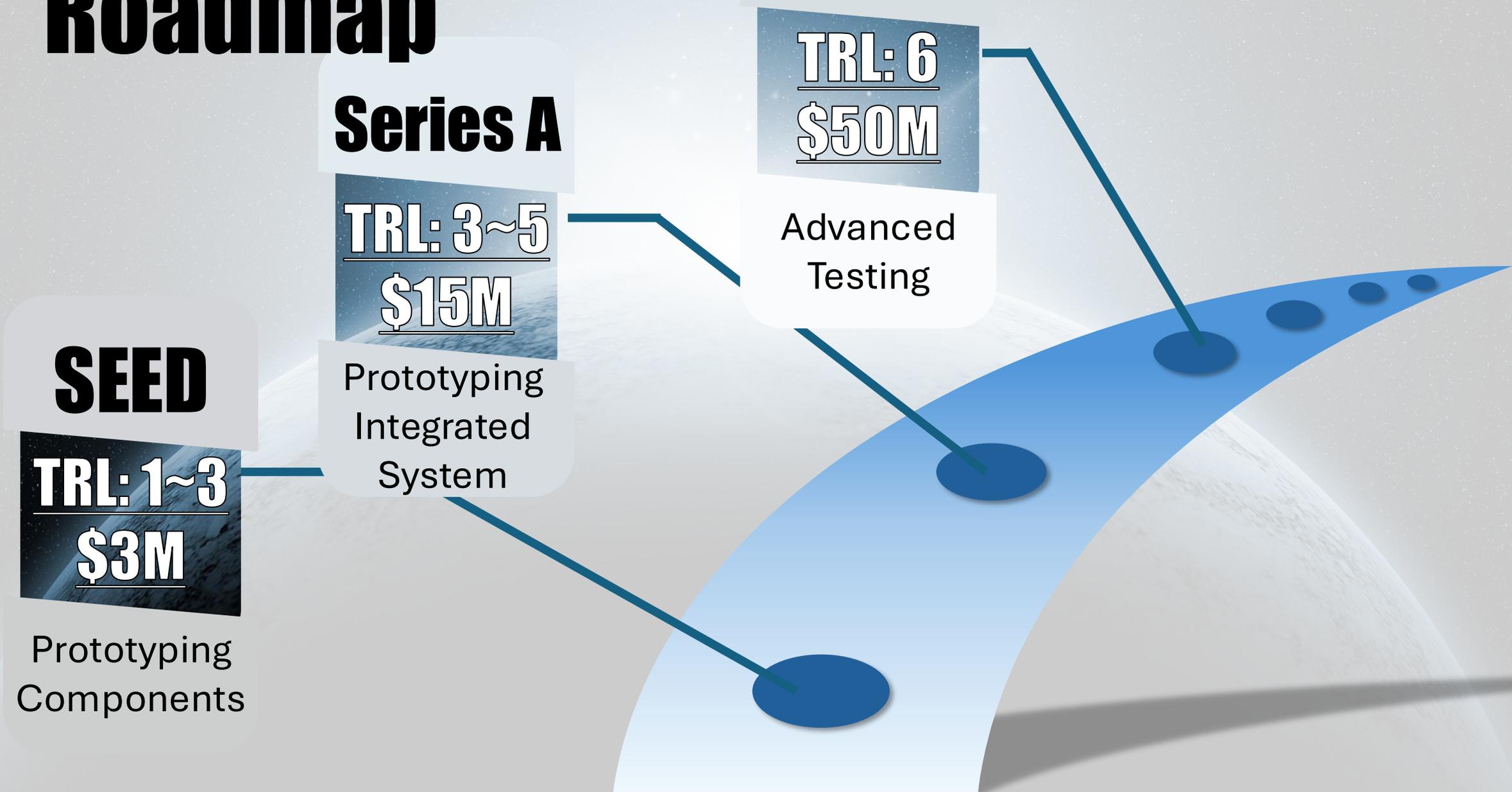


Supplier **2**
\$100M/rocket



3
MODELS

Roadmap



Ask

Raising **\$3.0M**

1. Prototype
2. Establishment of Development Facilities
3. Maintaining Labor Costs



FuséESpace

Thank you for listening.

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A white rectangular card with a thin black border is positioned in the bottom right corner. At the top left of the card is a small circular profile picture of a man. To the right of the picture, the name 'Matsushita Takayuki' is written in bold, followed by 'Aerospace Engineering Student at Nagoya University' in a smaller font. Below the text is a large black and white QR code.