



Company overview, November 2025

The future of the space sector will be driven by  
scalable, fast-to-deliver,  
affordable power systems







# Legacy solar arrays are holding back the New Space Economy

✗ Expensive

✗ Heavy and bulky

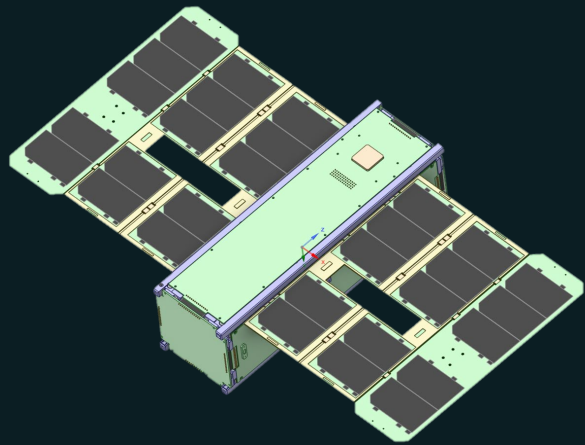
✗ Complex to assemble

✗ Not scalable

✗ Long lead time

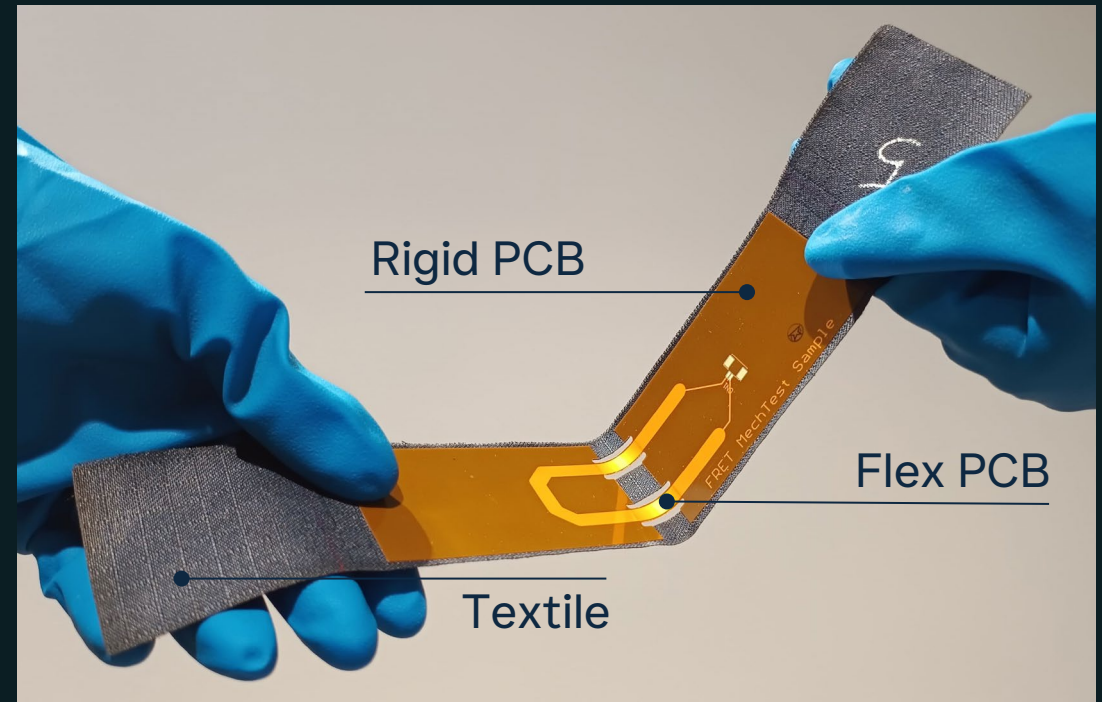
✗ Single deployment

# In response, Astradyne has developed Solar-Z, a **textile-based solar panel**



**2x power**  
at same mass and volume

**-60% weight**  
at same power output



Solar-Z is at **TRL 8** and is scheduled to reach TRL 9 in 2026



# The Astradyne team has the **skills and attitude** to deliver on our vision

**Davide Vittori, PhD**  
CEO & Co-Founder



**Giulia Bellezza, PhD**  
COO



**Giammarco Alessandrino**  
Engineering Manager



**Giorgia Cifarelli**  
Mechatronic Engineer



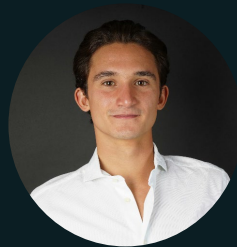
**Marco Gallipoli**  
Thermal Engineer



**Andrea Troise**  
BD Manager



**Tommaso Sironi**  
R&D Manager



**Davide Grasso**  
Structural Engineer



**Oleksii Omelianovych, PhD**  
Chemical Engineer



**Nicola Mangialardi**  
Electrical Engineer





ASTRADYNE

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