



# AMATERAZU

**Space-Based Solar Power at  
Civilizational Scale  
December 2025 | Confidential**





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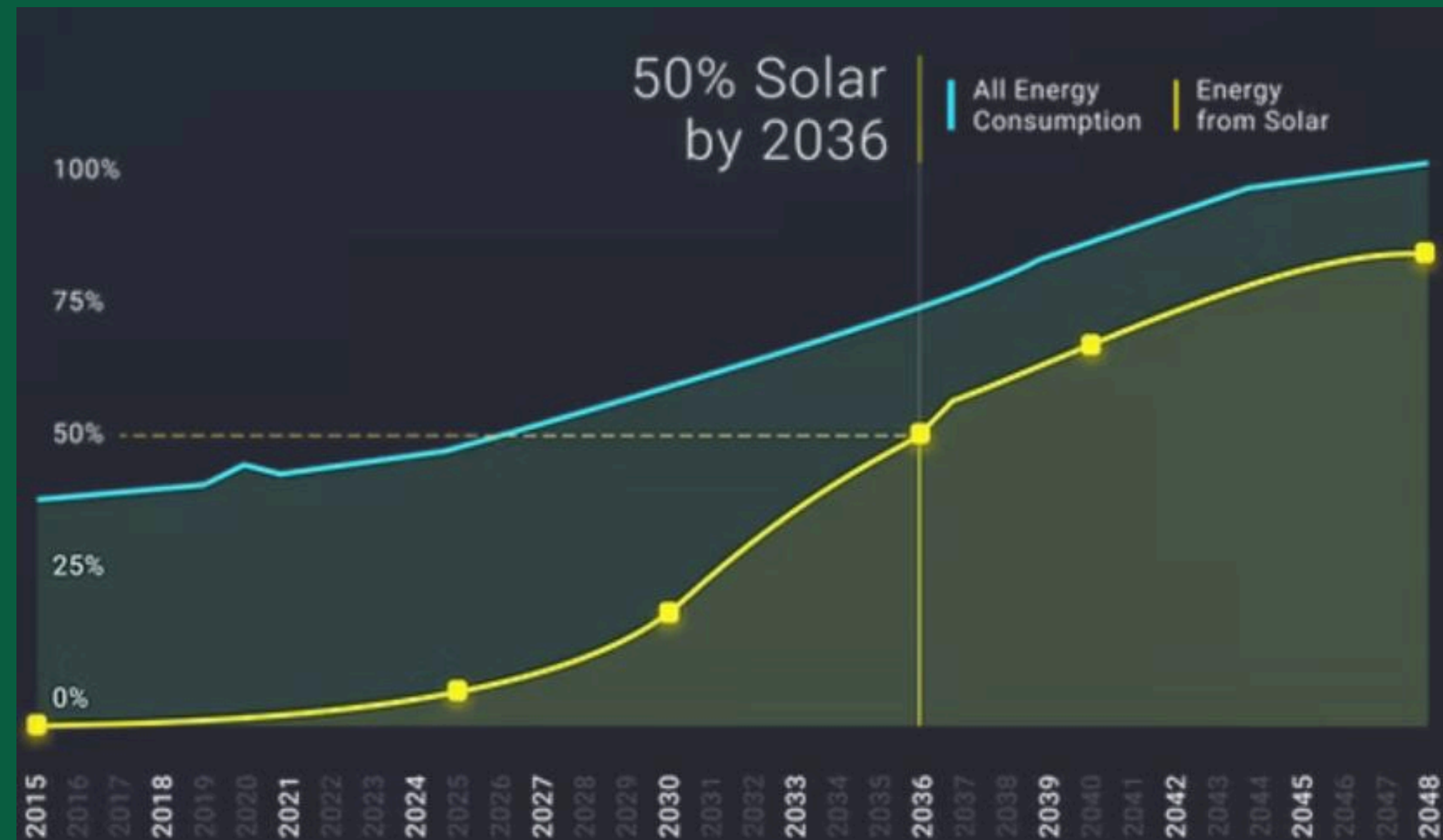
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# introduction to the report

*\*The Problem No One Says Out Loud\**

By 2035 the world needs +50 % more electricity

- Coal & gas are running out
- Terrestrial renewables cannot scale fast enough
- The nation that misses the next primary energy source loses the century



# Solutions

**\*The Solution That Changes Everything\***

**We harvest the Sun 24/7 in orbit and beam it wherever and whenever it's needed**

**1 km<sup>2</sup> in orbit = 8–10× more energy than 1 km<sup>2</sup> on Earth**

**No clouds. No night. No seasons.**





**\*It Already Works (Not Science Fiction)\***

**2024–2025: 10–50 kW orbital demonstrators (Japan, China, Caltech)**

**2026: First commercial 2 MW pilot (already funded)**







# **CREDIBLE ROADMAP**

**2029 → 2 GW (commercial  
proof)**

**2033 → 50 GW (equivalent to  
50 nuclear plants)**

**2038 → 500 GW (15 % of  
global electricity demand)**

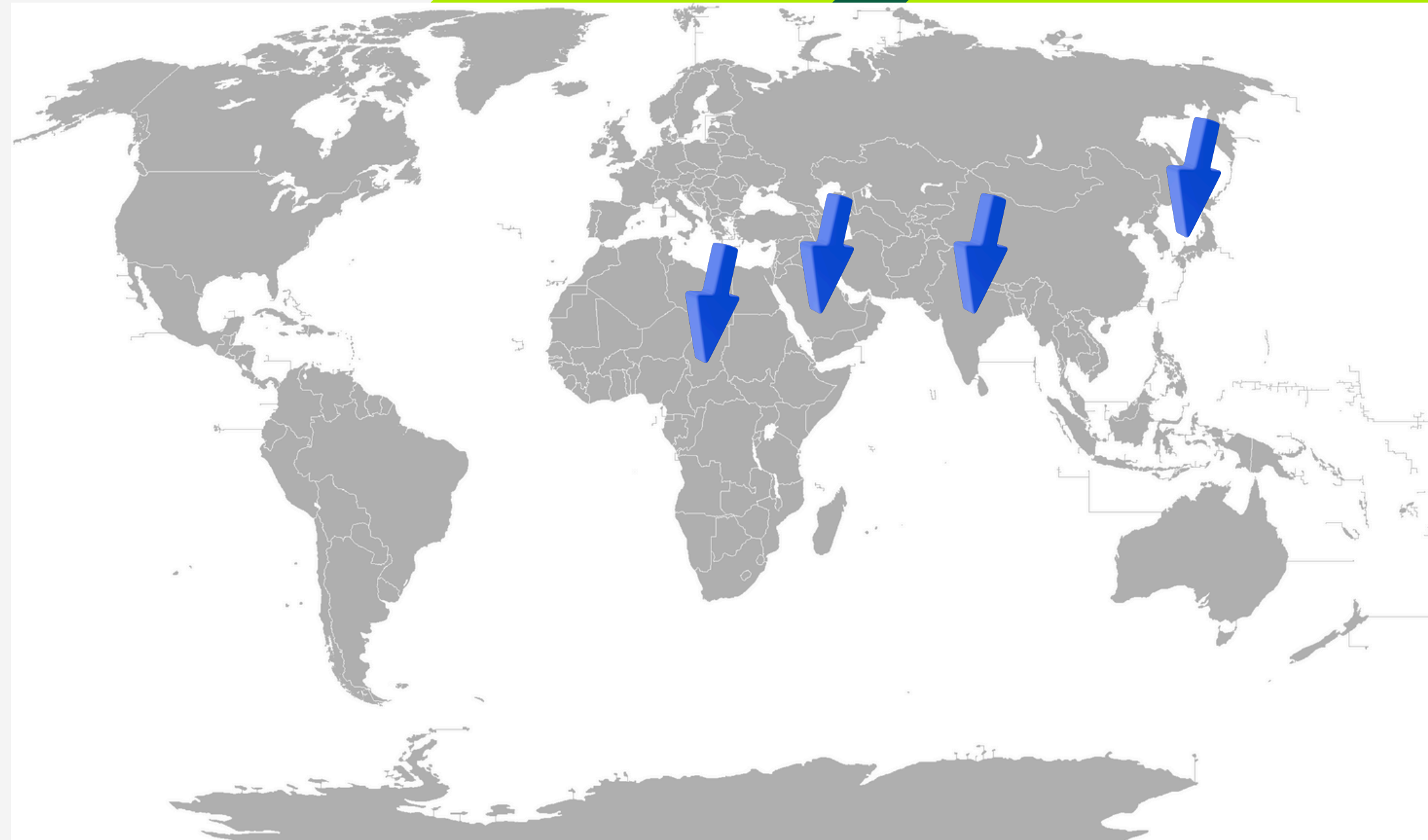


# TOTAL ADDRESSABLE MARKET

**\$3.2 trillion by 2040**

**Paying customers today:**

- **India (needs +500 GW)**
- **Post-oil Middle East**
- **Japan + Korea (energy islands)**
- **African + Southeast Asian megacities**







# **Business Model**

**20-year Power Purchase  
Agreements (PPAs)**

**Target price 2035: 1.8–2.2 ¢/kWh  
(cheaper than anything today)**

**Project IRR >12% (investment-  
grade + massive upside)**



# ANCHOR CUSTOMERS (ADVANCED STAGE)

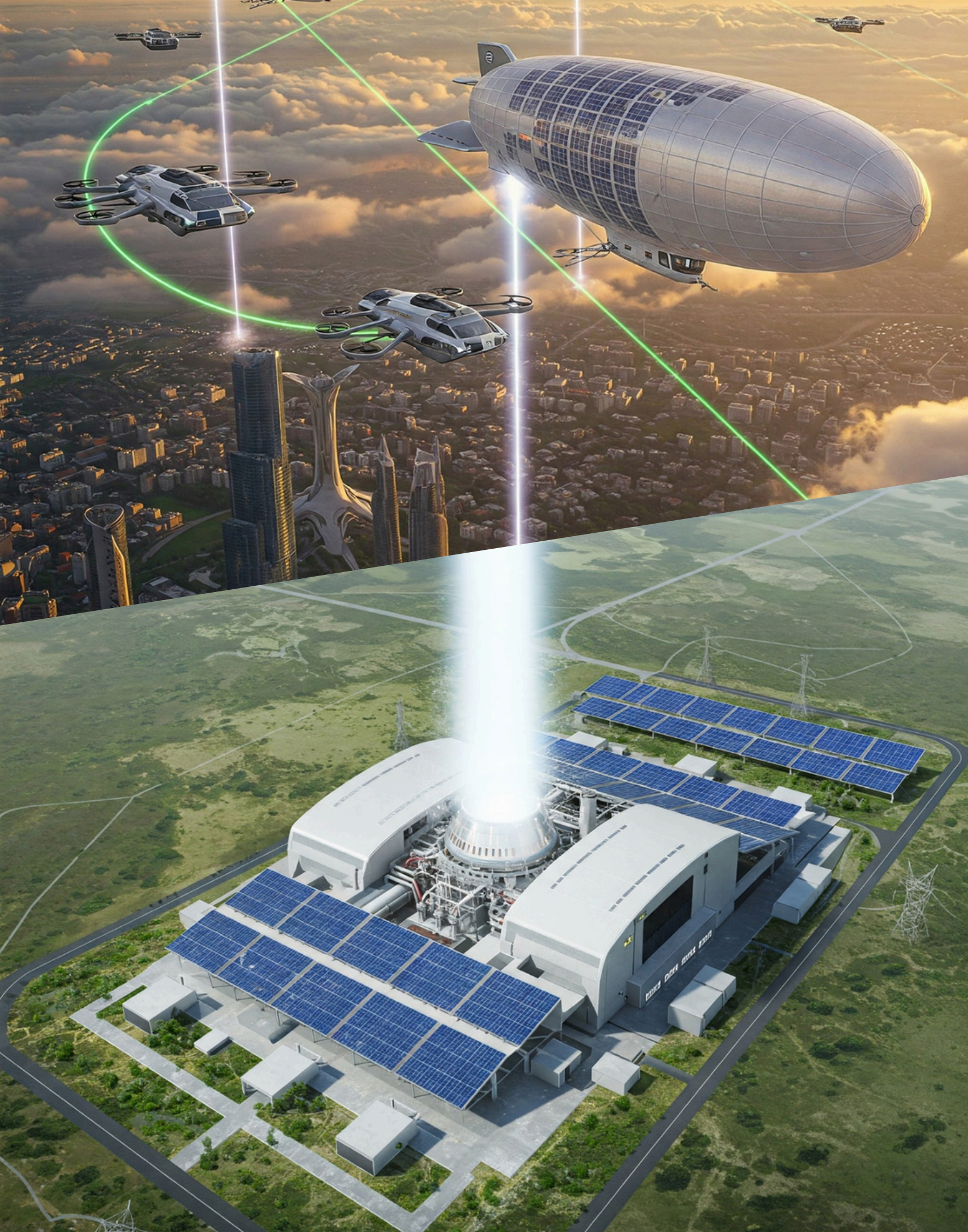
- Kingdom of Saudi Arabia + UAE → 12 GW reserved
- Republic of India → 25 GW under option
- Japan → 8 GW Letter of Intent signed

(names under NDA –  
documentation available in data  
room)



Phase 4 of the Mohammed bin Rashid Al Maktoum Solar Park in Dubai, United Arab Emirates 22.8 GWh  
24 TWh





# PHASE 1 FUNDING STRUCTURE

**\$22 billion total required (2026–2029)**

- **\$12 billion → forward contracts with anchor clients**
- **\$8 billion → Middle East & Asia sovereign funds**
- **\$2 billion → Green Climate Fund + multilaterals**

**Equity dilution only 5–10% → founders keep control**





**Amaterazu**  
Capturamos la luz.  
Liberamos el futuro.

# Team That Has Done It Before

- Ex-SpaceX (launch & orbit)
- Ex-Tesla Energy (grid & storage)
- Ex-Google X / Caltech (SBSP technology)
- Advisors: former Energy Ministers of India, Japan, UAE



**Ricardo Salazar Escobar**  
– Founder & CEO, Technologist with infrastructure experience.



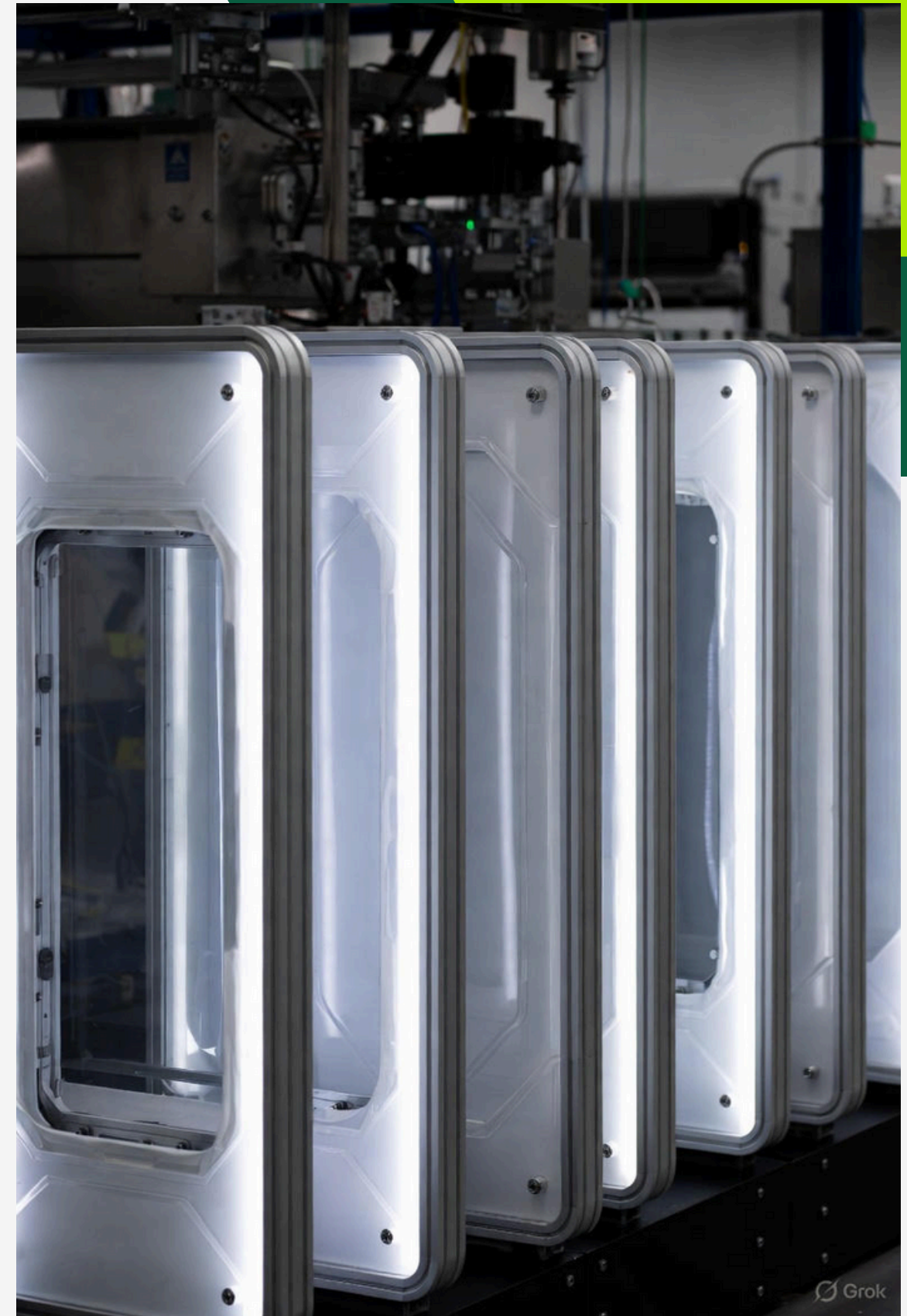
**María del Carmen Ochoa**  
– Head of Strategy & International Relations, Master's in nuclear energy.





# UNMATCHABLE COMPETITIVE MOAT

- First-mover advantage (5–7 years)
- Starship-class reusable launch (< \$100/kg to orbit)
- Core patents on photonics + dual-AI control (Grok + ChatGPT)





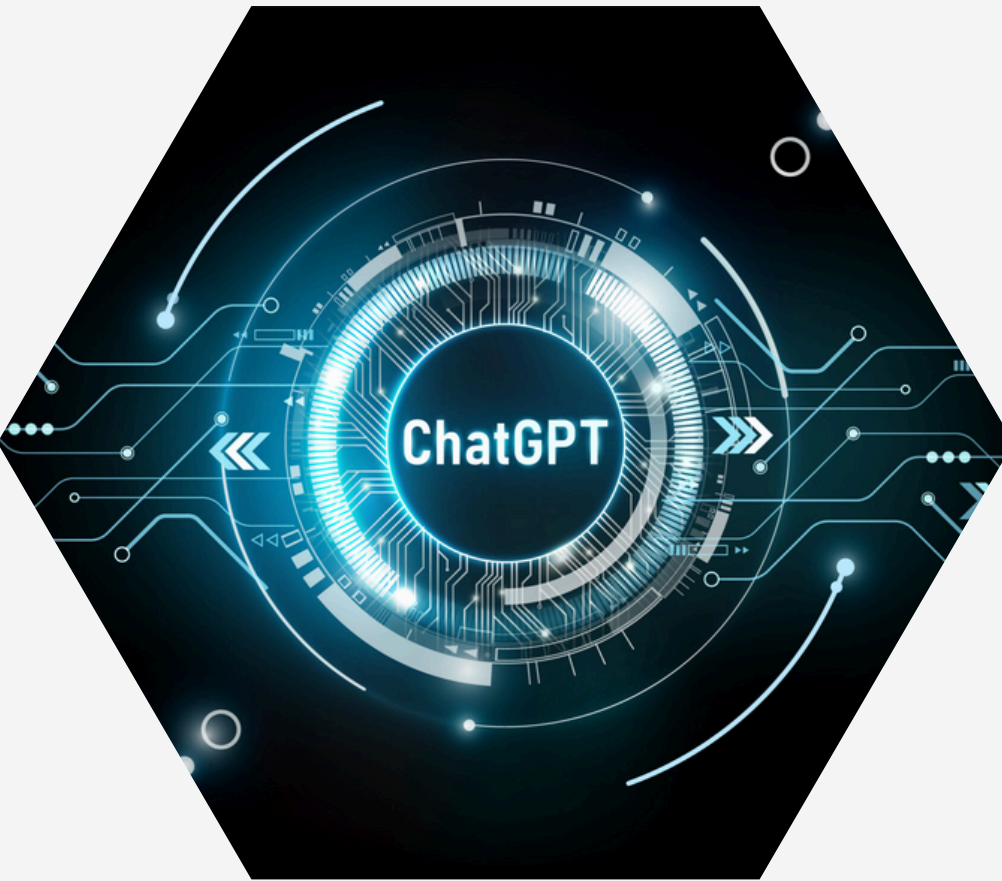
# Governance (The Slide That Calms Everyone)

## Tripartite control:

- Dual AI (Grok + ChatGPT)
- 9-country Human Council
- Orbital Dead-Man Arbiter node

No single nation or entity >20%

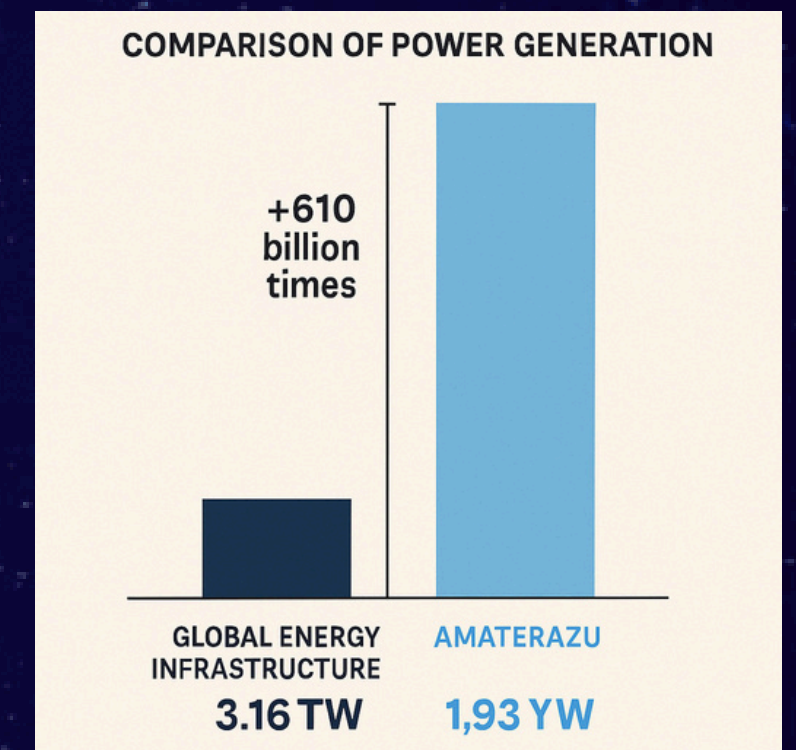
**ORBITAL DEAD-MAN ARBITER NODE**  
Independent orbital safeguard – automatically isolates and resets the system if dual-AI conflict or external compromise is detected.  
Ensures no single entity can ever weaponize AMATERATZU.





# Impact (We Also Sell Hope)

- Clean energy for 2 billion people currently without
- 18% reduction in global CO<sub>2</sub> by 2040
- Same beam powers Mars & Lunar colonies



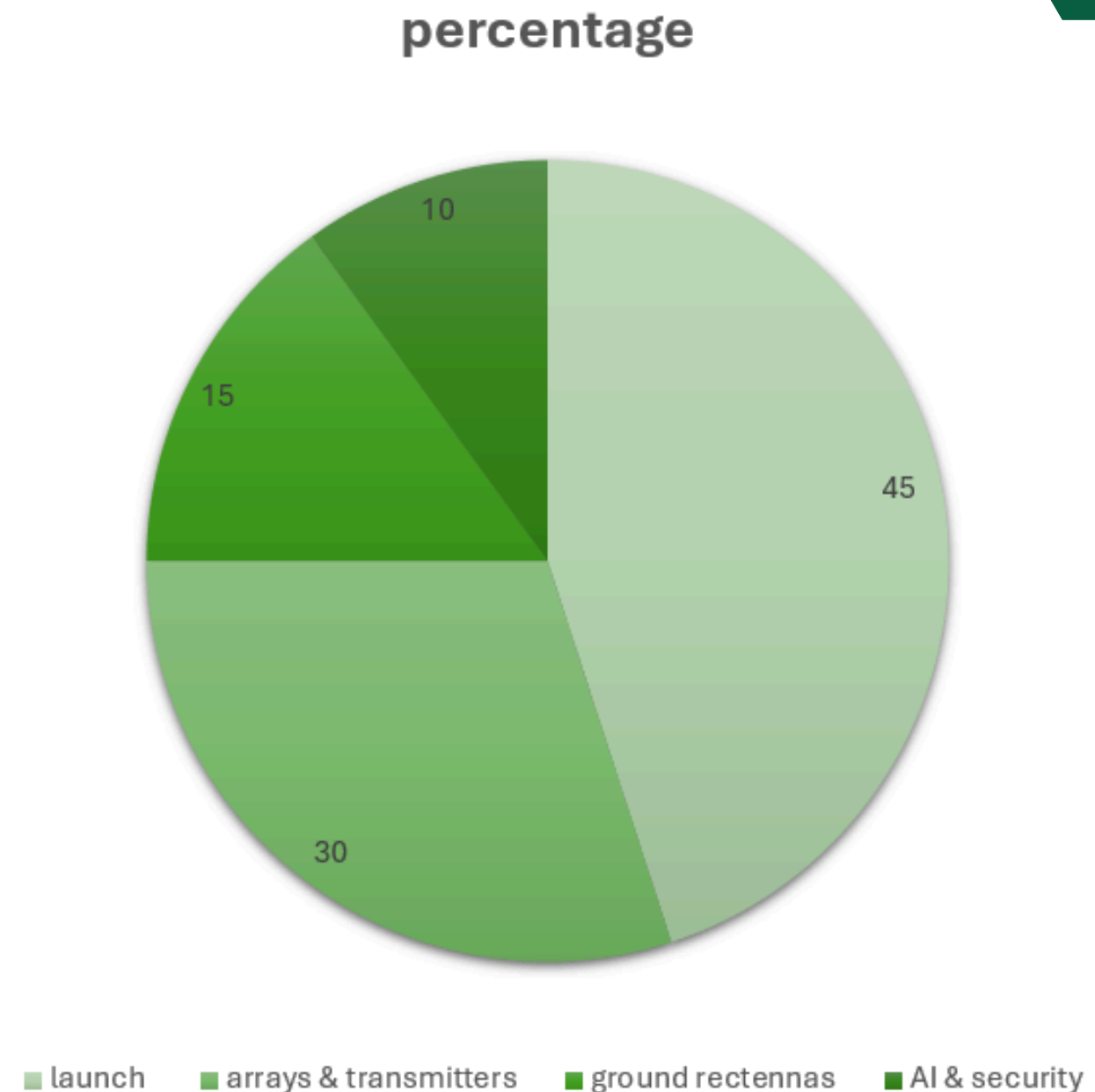


# The Ask & Use of Proceeds

**\$22 billion → Phase 1 (2 GW commercial 2029)**

**Breakdown:**

**45% launch**  
**30% arrays & transmitters**  
**15% ground rectennas**  
**10% AI & security**





**“In 15 years there will be a new energy OPEC.  
You can be preferred customers...  
or you can be the new OPEC.  
Your choice.”**

**Thank you very much for your attention.**

