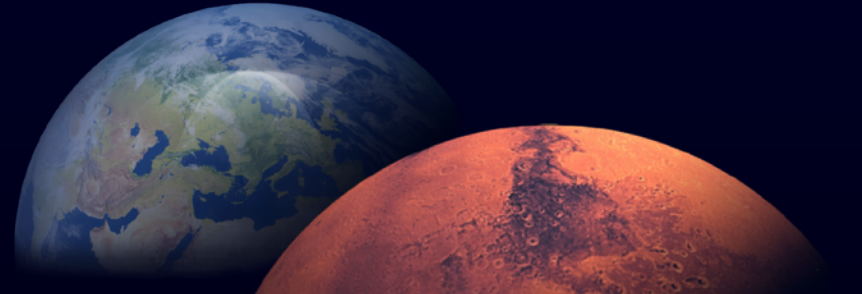


LUXEMBOURG  
SPACE  
RESOURCES  
WEEK 2025

2 GETHER  
4 EARTH  
2 MARS





# CATs&DOG for Harsh Environment & Global Challenges

Circular Architectural Techniques with Design, Origami, and Geometry

## Analog BlueMoon Circular Village – Noordwijk Pilot

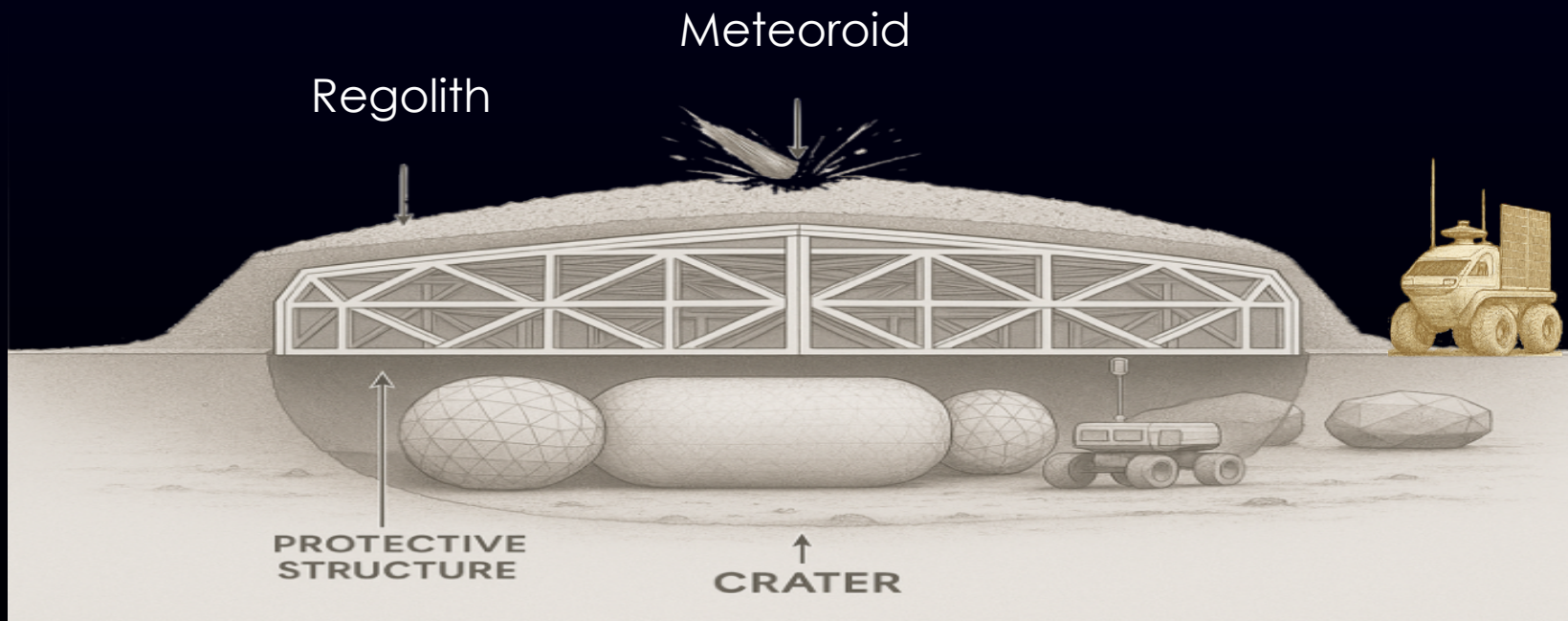
4 Earth 2 Mars Holding B.V.  
Omid Hajishirmohammadi  
Architect + Entrepreneur + Innovator



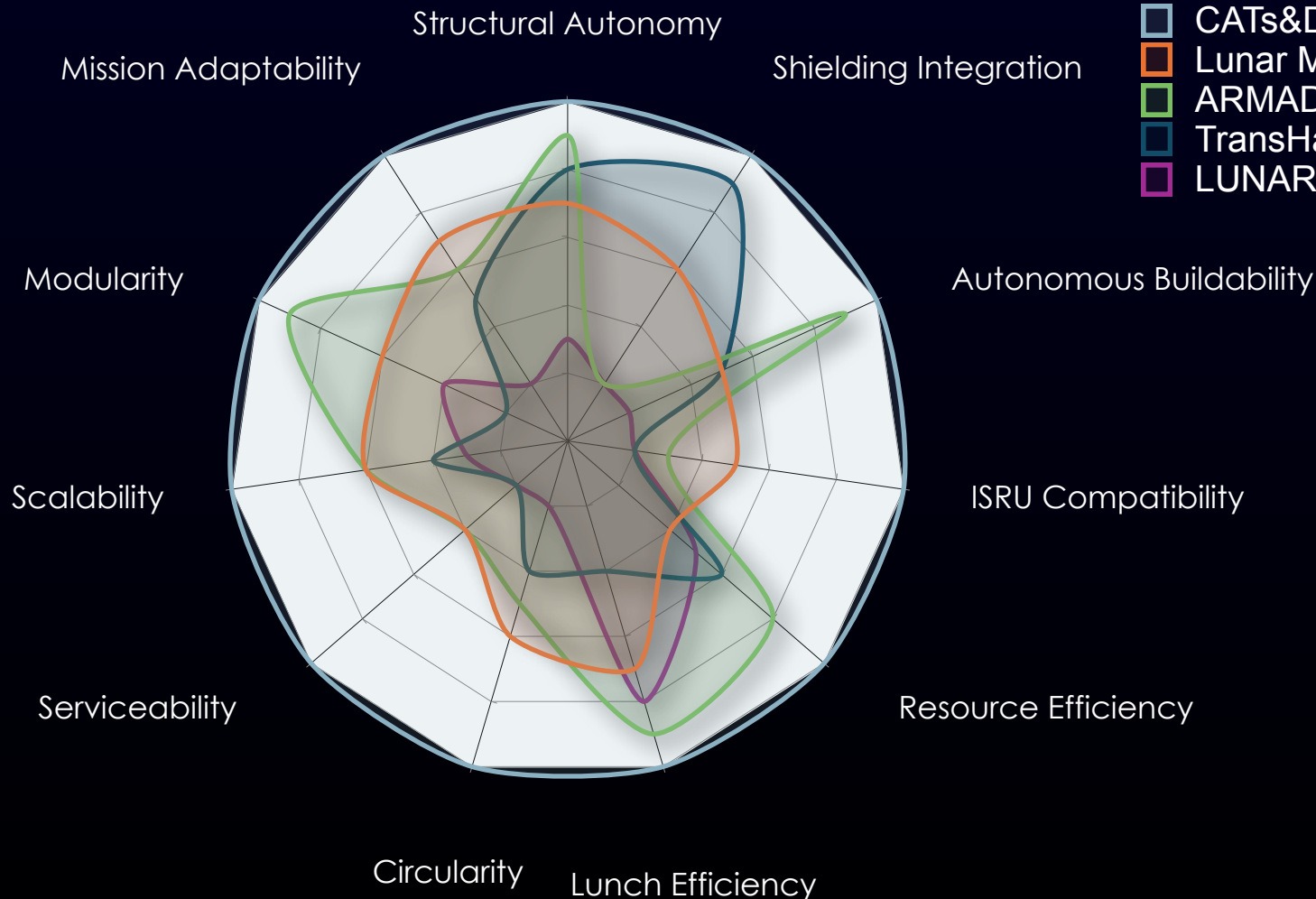
🏗️🛡️⚠️ **Infrastructure Without Shelter is Infrastructure at Risk.**

CATs&DOG:

- Protects the Lunar Presence.
- Opens Off-Grid Habitats for Human Expansion on Earth.



# 💡🧩 The System We Needed. The Steps We Missed!



- CATs&DOG - 4 Earth 2 Mars
- Lunar Master Plan - HASSELL
- ARMADAS - NASA Ames Research Center + UC Berkeley
- TransHab - NASA Johnson Space Center + Lockheed Martin
- LUNARK - SAGA Space Architects





# Nature's Blueprint for Lunar Living



What Bees Teach Us:  
To Build Smarter on the Moon and Safer on Earth

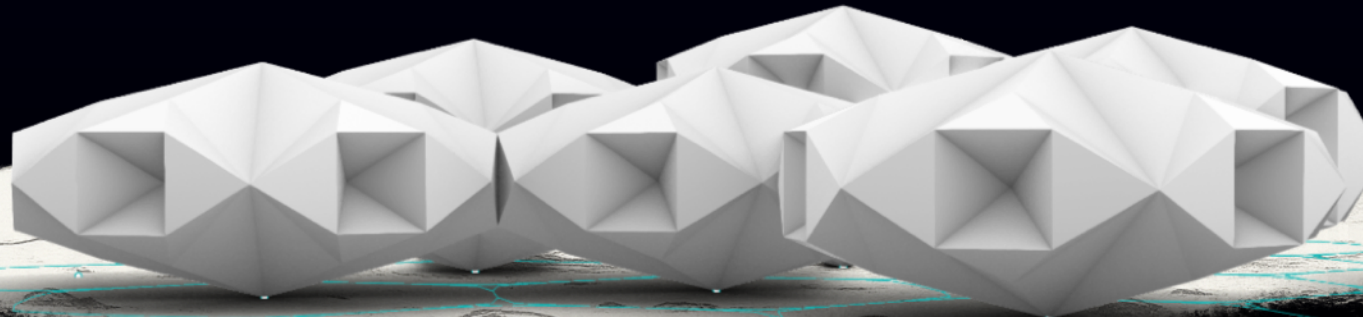
- Efficiency
- Sufficiency
- Sustainability



CATs&DOG for Harsh Environment & Global Challenges

   **Autonomous. Adaptable. AI-Powered.**

A modular system that grows from robot to human, from Moon to Earth.

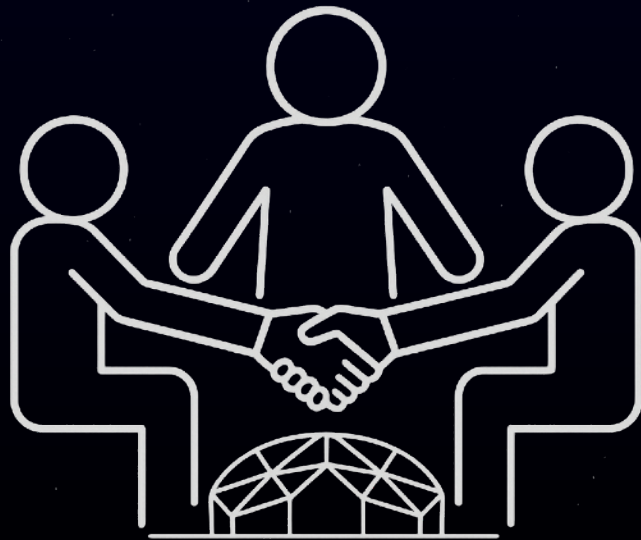


CATs&DOG for Harsh Environment & Global Challenges

 **From Innovation to Invitation**

 **Dual Use Impact**

We Stand for Global Values  
on Earth & beyond!



# 🏠 The Analog BlueMoon Circular Village

- Phase 1 – MVP:

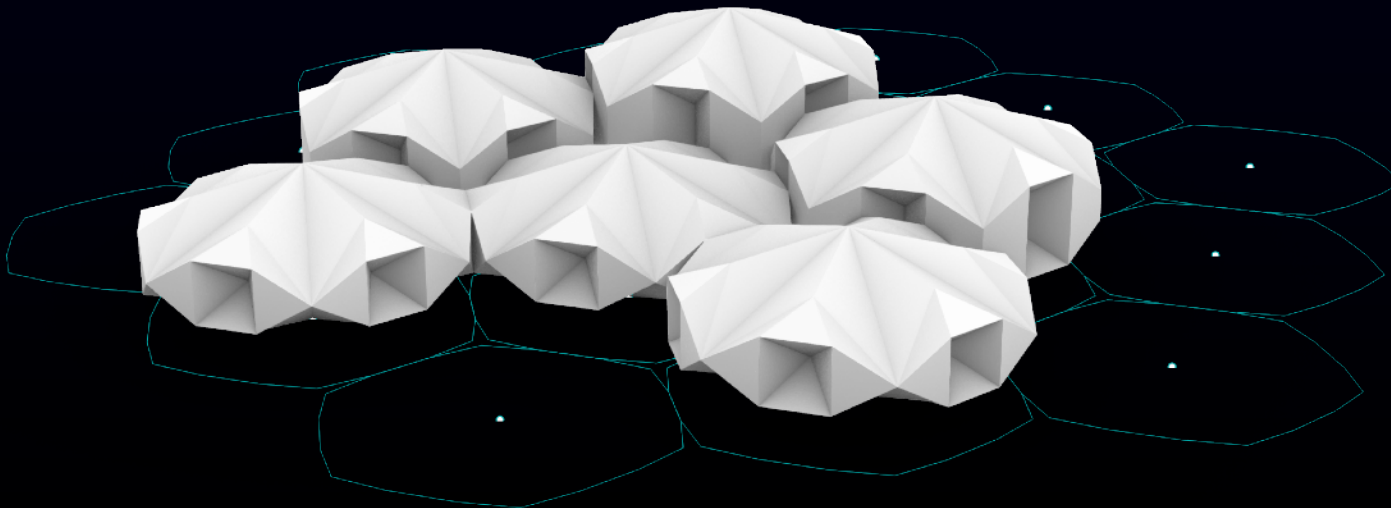
*0.5M budget → 25m<sup>2</sup> unit → LunarNomad Yurts*

- Phase 2 – Trial Village:

*6.6M budget → 3,300m<sup>2</sup> → test community + tech stack*

- Phase 3 – Full Deployment:

*33M budget → 30,000m<sup>2</sup> site → up to 2420 people*



*NL Space Campus,  
Noordwijk, Netherlands*





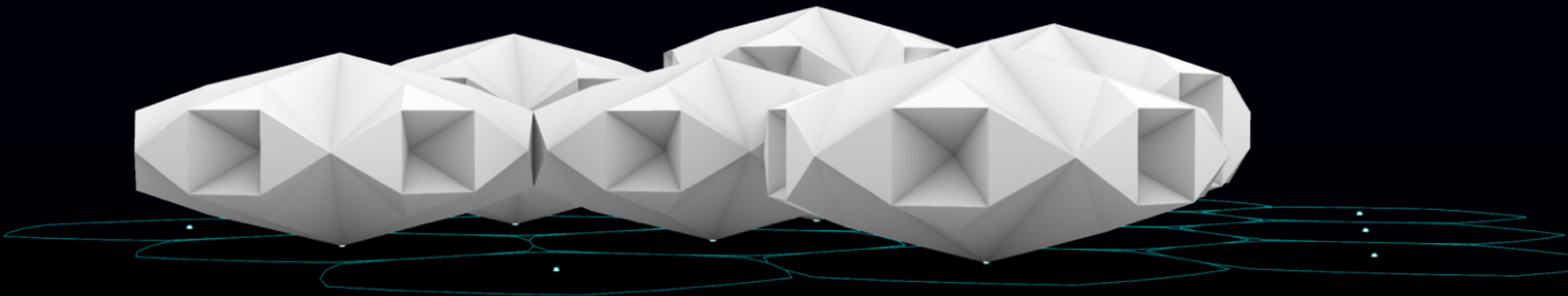
# Why Noordwijk? Why Now?

## From Moonshot to Flagship – In Europe’s Space Capital

- Power / Water / Shelters tested as one
- Visitors and tourism layer
- Tech testbed for Moon *and* Earth



*NL Space Campus,  
Noordwijk, Netherlands*



# Who Will Live, Build, and Visit

A Village for:

- Builders
- Dreamers
- Curious



€40+ Million  
**Beachhead**



€262 Billion  
**SOM**



€1 Trillion  
**SAM**



€12 Trillion  
**TAM**

**2**GETHER  
**4** EARTH  
**2** MARS



A Village for Generations — On the Moon and For Earth

**Thank you!**

Analog BlueMoon Circular Village – Noordwijk Pilot

Next Step:

Join Us Before VivaTech 2025,  
Paris — June 11–14



**LUXEMBOURG  
SPACE  
RESOURCES  
WEEK 2025**

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