

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

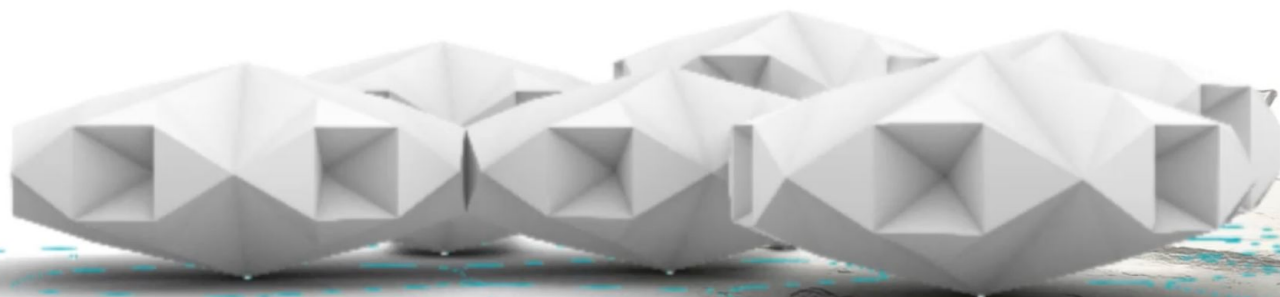


ESA Discovery Studies and
ETDs' Proposal:
LunarNomad Yurts



Nature's Ants&Bees™ + CATs&DOG®

Geometry 4 Efficiency 2 Build 4 Billions



Nature's **A**nts&**B**eesTM + **C**ATs&**D**OG[®]

The Pathfinder to tackle:

Affordable housing Shortage

Biodiversity loss

Climate change

Disruptions

&



Inefficiency

Human Space Exploration

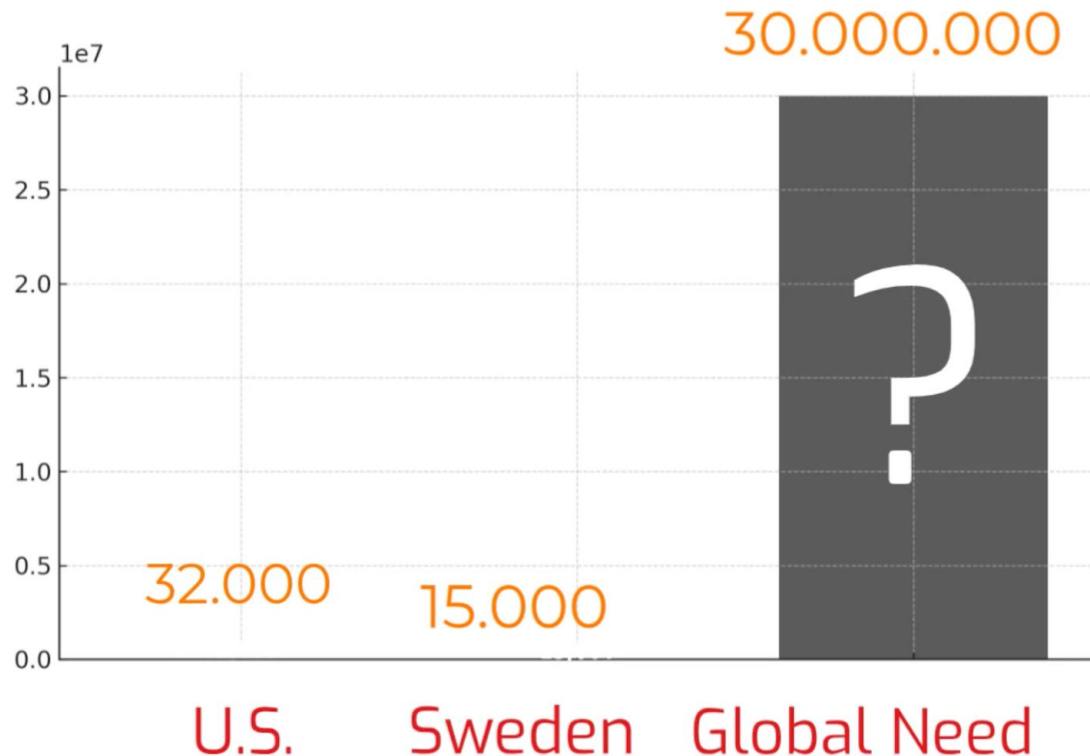
2GETHER
4 EARTH
2 MARS



Efficiency³

Space,
Manufacturing
& Geometry

Modular Homes Build Annually



Ants&Bees™ 2 Robotic Swarms

1 Produces 1 Builds

CATs&DOG® 1 System 4 Blocks

Circular Architectural Techniques by
Design, Origami, Geometry

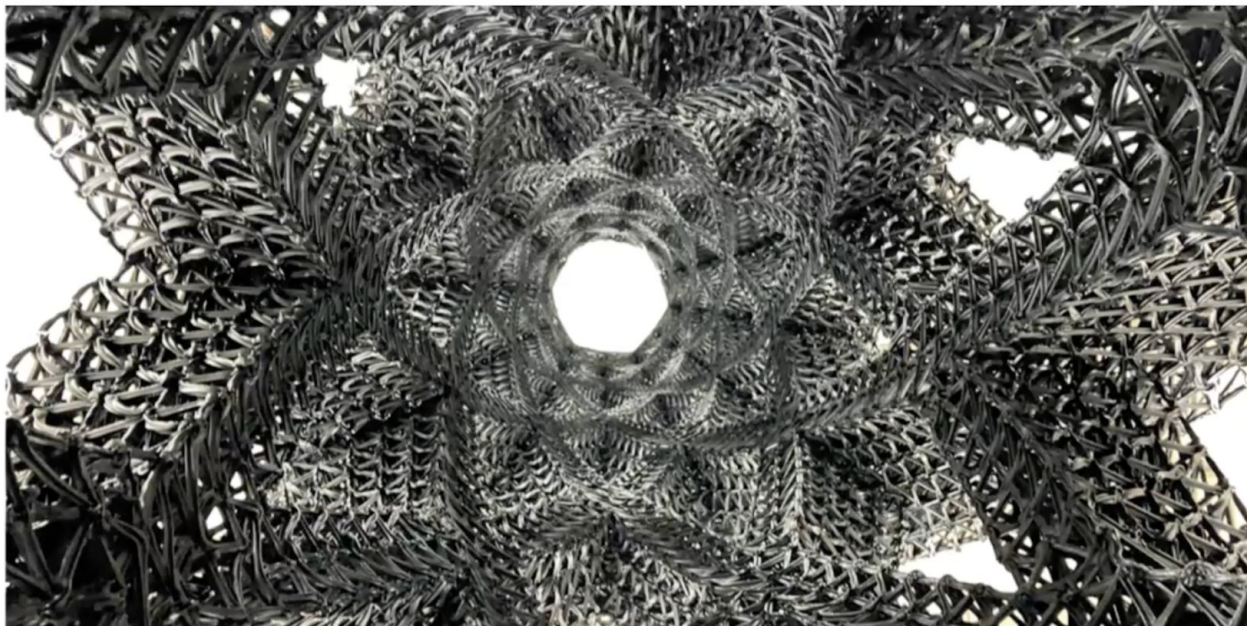
2GETHER
4 **EARTH**
2 **MARS**



Tall Lunar Tower 2025

NASA-Funded, By Foster + Partners &
BRANCH Technology

Best Practices



Structural
Efficiency

Proprietary innovation – 4 Earth 2 Mars Holding B.V. | Not for replication without consent

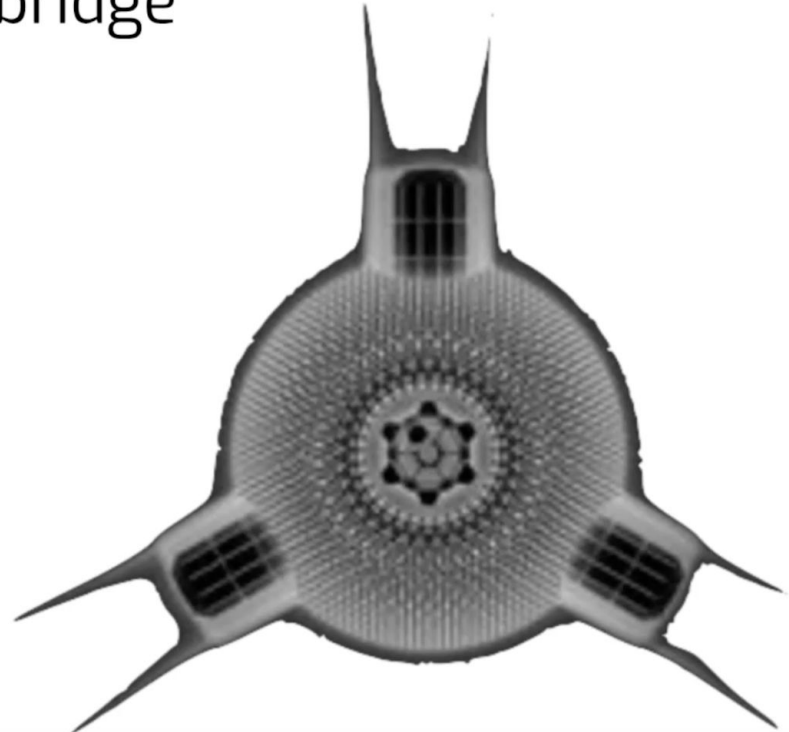
2 GETHER
4 **EARTH**
2 **MARS**



Modular Outfitting Systems 2023
By Foster + Partners & University of
Cambridge

Best Practices

Hybrid
Shell-inflatable
Habitats,
Enhancing
Habitability &
Reuse



Proprietary innovation – 4 Earth 2 Mars Holding B.V. | Not for replication without consent

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

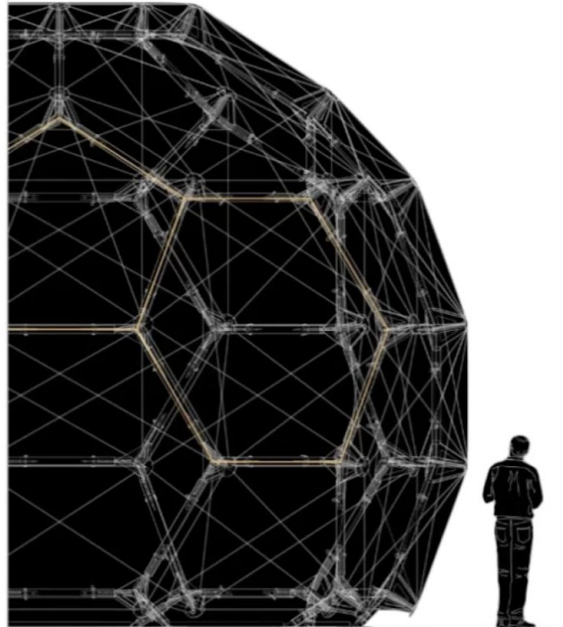


TESSERAÆ

2022

Aurelia Institute & MIT Media Lab

Best Practices



Self-assembling Magnetic
Tiles,
Reconfigurable Architecture,
Safe Assembly

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

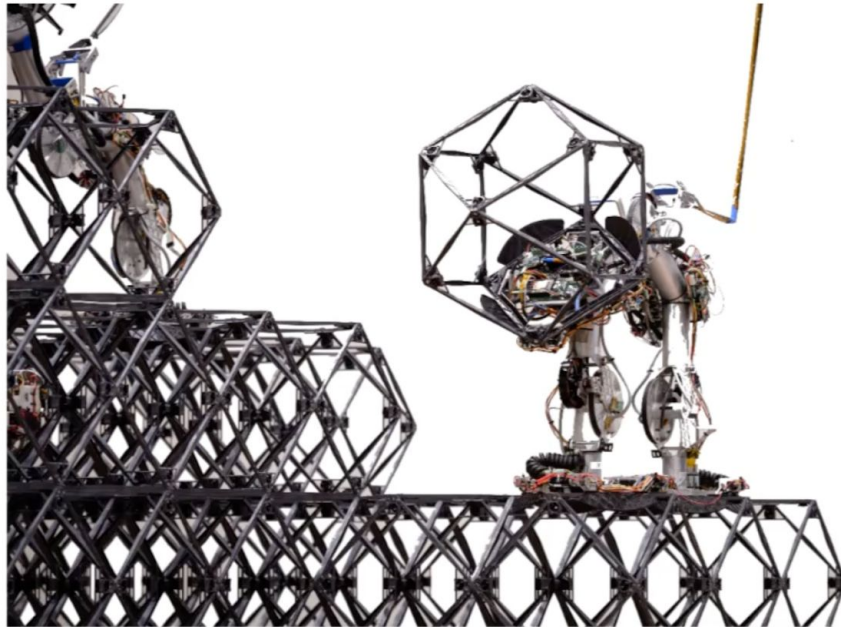


ARMADAS

2021

NASA Ames Research Center

Best Practices

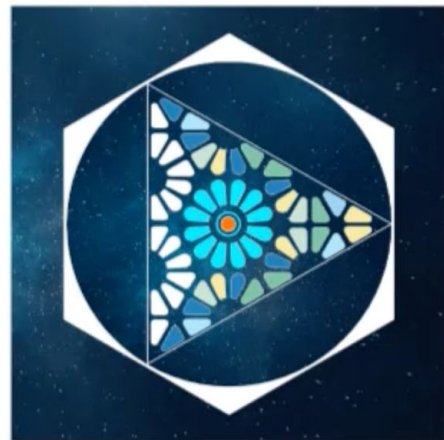


Autonomous
voxel-based
assembly
Construct large
truss-like lattices
Robotic Precision,

Proprietary innovation – 4 Earth 2 Mars Holding B.V. | Not for replication without consent



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



Cross-sector & cross-border
collaboration,
built on
a lifetime of commitment.

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



VASO By Eco &
TU Cluj-Napoca
MPI UK
UCL PEARL
KU LEUVEN

United **Hearts**,
Minds, & **Actions**



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



23.09.2025

Clipper Stad
Amsterdam
Tower Bridge
London



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



European
Space
Agency
Discovery &
Innovation

10.10.2025



29.10.2025

Yes, and ...

European Innovation Council EIC Pathfinder Challenge

Proprietary innovation – 4 Earth 2 Mars Holding B.V. | Not for replication without consent

17 PARTNERSHIPS
FOR THE GOALS



Action

Hope

Opportunity Loop

2 GETHER

4 **EARTH**

2 **MARS**



13 CLIMATE
ACTION



12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



11 SUSTAINABLE CITIES
AND COMMUNITIES

