



4 Earth 2 Mars  
4 OMID



Noordwijk Lunar Circular Tiny Habitats (NL CT-Habitats)

4 all, ever, on Earth & beyond!



## Geometry vs. Climate-Housing Crisis!

**Business Description:** 4 Earth 2 Mars Holding B.V. (Formerly: 4 OMID) is a research & development company which aims to tackle the Climate-Housing Crisis by reducing costs, raw material extraction, solid waste generation, and embodied carbon emissions, in the construction sector. It focuses on Circularity, Life-Cycle Assessment, and Radical Change Approaches.

4 Earth 2 Mars Holding B.V. develops Circular Architectural Techniques (Persian CATs) which enable locals to build habitats, like LEGO, with Two modules (CBc-Block & Brick), on Earth & beyond!

Circular Bio-composite Block & Brick produce for efficiency, longevity, reusing, and repair.

CT-Habitats develops with spaceflight technologies, advanced materials, & manufacturing systems to be competitive on price & its impact.

The **initial project** is Circular Tiny Habitats (CT-Habitats).

The **initial targets** for building the **MVP** are Innovators and early adopters such as ESA, ESTEC, and SBIC. ESA Simulated Mars Habitat, ESTEC Extraterrestrial Hotel, and SBIC Circular Tiny Hostel are our proposals.

The **Beachhead** Markets are students, newcomers, and starters in Rotterdam.

### Traction:

- 4 OMID register in Rotterdam, May 2020.
- The idea introduced as an innovative idea by the Berkeley Labs and supported by the United States Department Of Energy; IMPEL+, Feb 2021
- Prototypes tested during the Innofest program in Utrecht, Dec 2021
- CT-Habitats developed at the BlueCity, scale 1:20, in 2022
- CBc-Bricks' design registered at BOIP, Sep 2022
- Rotterdam Subsidy, Sep 2022
- 4 OMID joined the Built Environment Circular, ClimAccelerator program, Sep 2022
- CT-Habitat introduced during the Circular Economy Day in Berlin, Dec 2022
- Climate-KIC invested in 4 OMID, Dec 2022
- SME Fund granted by EUIPO, Mar 2023
- ESA SBIC Ignition Programme May 2023
- The idea published at ESA's OSIP, Jul 2023
- CT-Habitats's design registered at BOIP, Jul 2023
- 4 OMID B.V. incorporated as the holding company, Aug 2023
- 4 Earth 2 Mars Holding B.V. incorporated as the operating company, Aug 2023



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