

# Rupes ūnus

A WALK THROUGH THE FIRST CITY ON MARS

## History & Challenges

- Radiation
- Distance to Earth
- Resource scarcity
- Community living

## Resources

- Energy supply: Wind, solar, nuclear
- Agriculture: algae, other food asap

## Design:

- Connected domes placed half in the cliff

## Location:

- Valles Marineris, Mars



## Well-being

Key concern, esp. in:

- Communication
- Physical
- Community
- Medical
- Environmental

## Spatial Planning

- Infrastructure
- Neighbourhood design for:
  - Social cohesion
  - Social equality

## Services & Education

- Emphasis on sustainability and social skills
- Project-based and practical
- Health and Martian life skills

