Ridge Solar Gardens
An innovative way of growing and storing food on the Red Planet

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The Problem
Our solution
How will it function on Mars?

- Water and electricity needed
- Operates as a source of oxygen
- Maintenance required
Health Benefits of Greenery

Graph showing the relative risk of developing a psychiatric disorder across different regions with varying levels of green space presence (NDVI deciles).
Storing food on Mars
Benefits for Humans on Earth

- Model for agriculture in the future
- Helps satisfy agricultural constraints due to climate change, lack of space, and changing atmospheric conditions
Thank you, Explore Mars Inc

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