

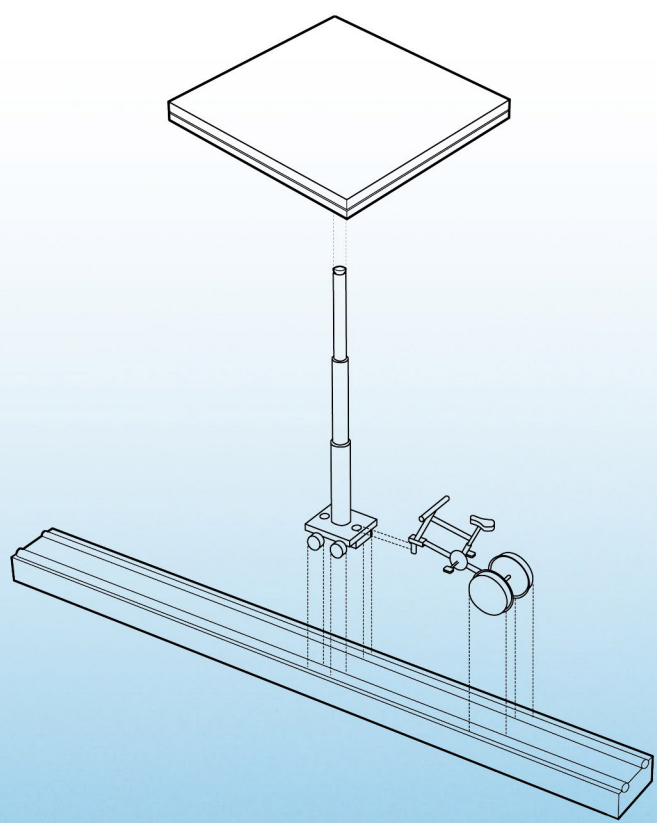
SOLAR FLUX

Art in Motion, Powered by the Sun

Solar Flux, the mobile art installation, seeks to engage community members and tourists alike with a playful and interactive opportunity to connect deeply with both the surrounding landscape and the newly integrated technological systems. Designed as a dynamic, sustainable experience, Solar Flux weaves together art, utility, and environmental stewardship in a way that feels organic and imaginative.

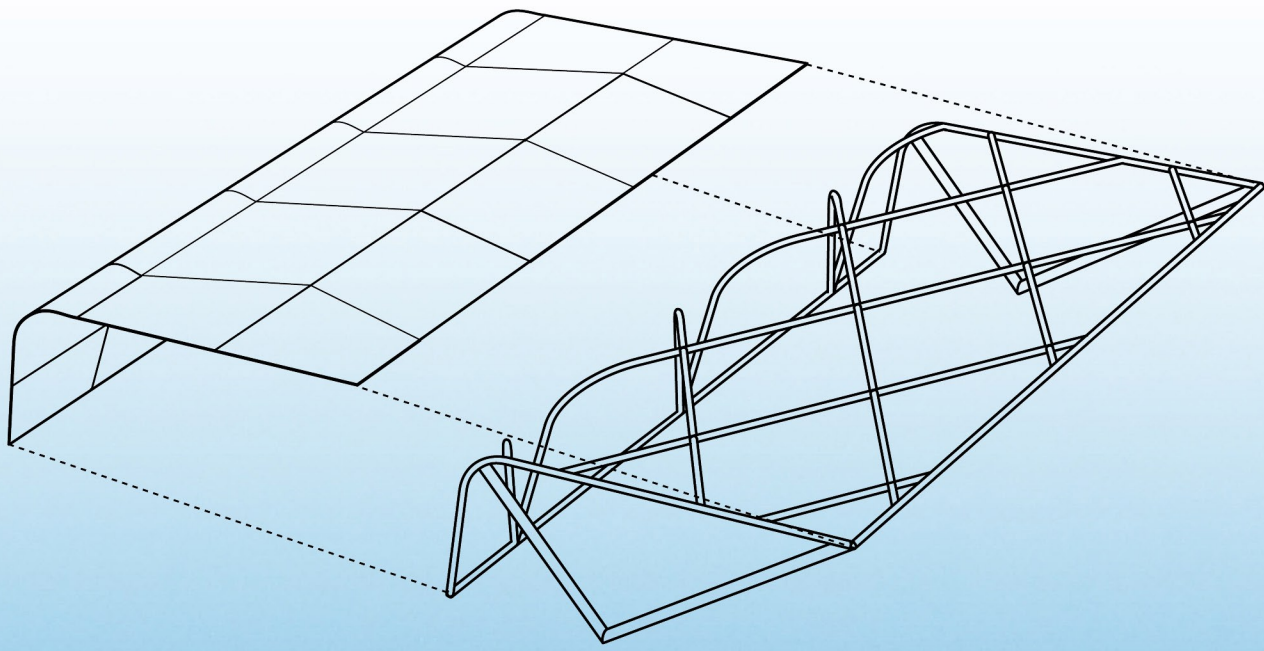
At the heart of the installation is a system of solar panels that are optimized to track the sun throughout the day. These panels constantly adjust to maintain the ideal solar angle, generating the maximum amount of electricity possible. Two of the four solar panel railways are dedicated to human-powered experiences—visitors can ride specially designed bikes attached to the tracks, propelling the solar panels across the site. These can be used for a casual journey across the beautiful landscape or for friendly competition in a two-track solar panel bike race.

These integrated energy and water systems provide Marou Village with the foundation for a resilient, sustainable, and self-sufficient future. By combining clean energy production, water harvesting, and efficient irrigation systems, the design sets the stage for a thriving community that is well-equipped to meet its evolving needs.



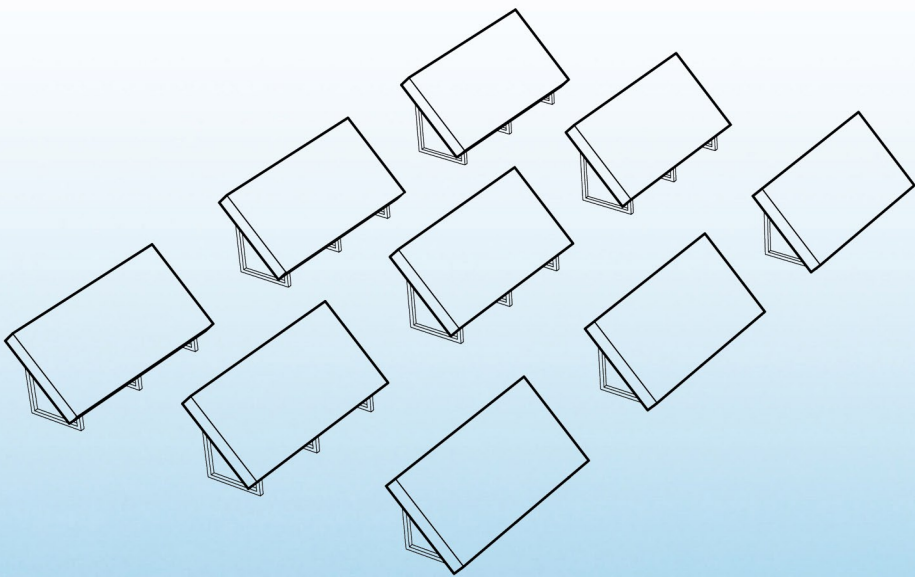
Interactive Solar Panel Rail System

The solar rail system is designed and engineered to optimize sunlight exposure throughout the day, while also offering an engaging and interactive experience for community members to ride the solar panel bikes.



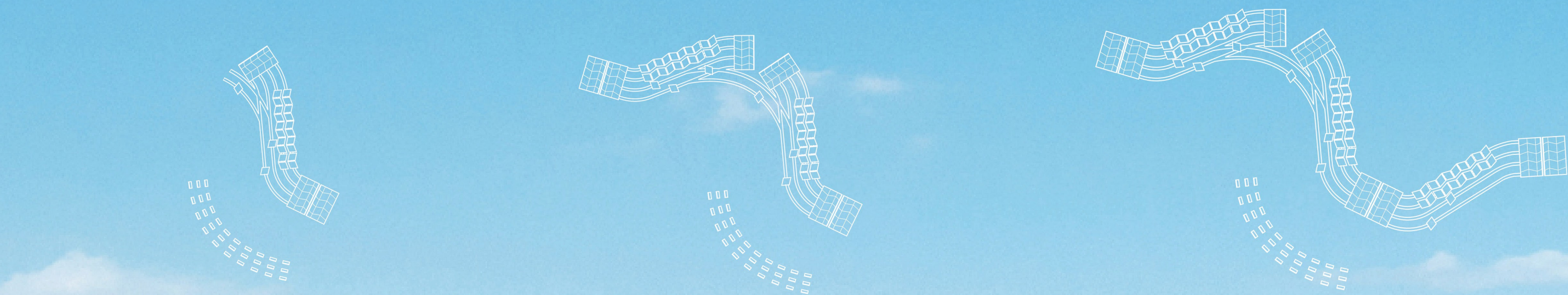
Farming Pavilion & Storage

Six distinct bamboo pavilion structures are strategically positioned throughout the site, each designed to capture rainwater runoff. This collected water will be stored in underground cisterns and can be accessed through hand pumps for a variety of uses, including irrigation and other communal purposes.



HydroPanel Drinking Water Production

These innovative panels efficiently capture water vapor from the air and, utilizing small integrated solar panels, convert the vapor into liquid water. This water is then purified and stored for drinking purposes.



Phase One

Phase Two

Phase Three

