



- ECOLOGICAL RESILIENCE
- SOLAR ENERGY
- COMMUNITY CORE
- WATER-ENERGY NEXUS

# UNLEASHING THE VANUA

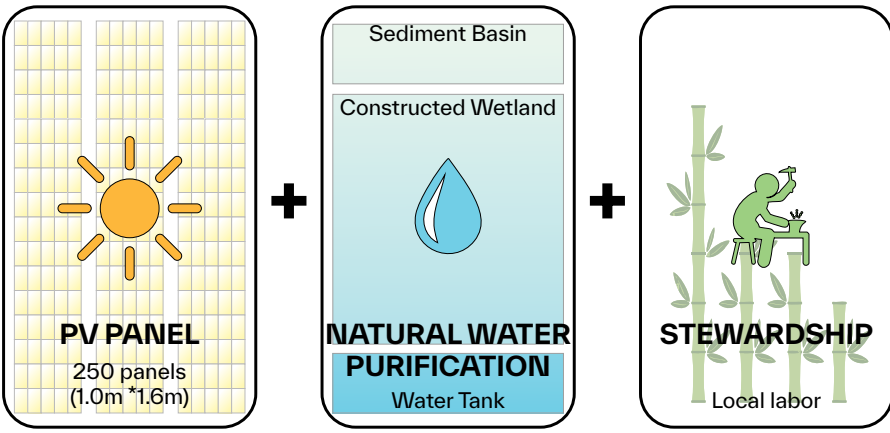
## LIVING SYSTEMS FOR COMMUNITY RESILIENCE

The village of Maroue whispers of a land once sustained by shared knowledge and water's quiet flow. Today, **its channels crumble at the edges, its tanks run dry too early**, and its people live with steady patience.

But beneath the worn earth, the memory of balance remains. Canopies once shaped for gathering still offer shade—held up by culture as much as by timber. The earth still knows how to guide water, to filter it, to

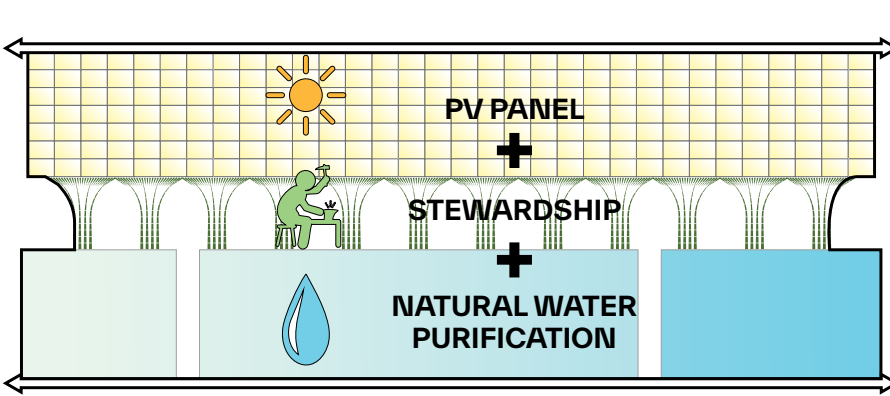
grow food beside it. This project listens to those memories and responds with care, reviving the spirit of Vanua where land, water, and people move as one. **Through solar canopies, bio-integrated pathways, and shared landscapes, life returns gently and collectively.**

Here, what grows is not just infrastructure—it is resilience, dignity, and a future built by remembering.



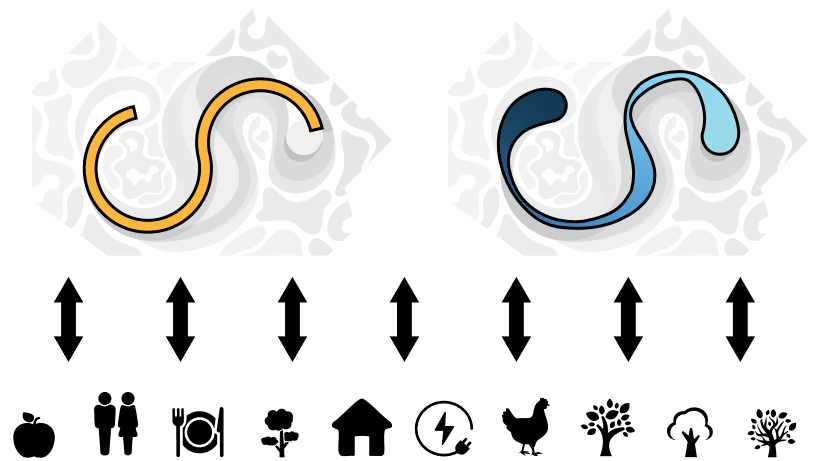
### 1. VANUA

Vanua shapes the foundation of the project: energy, water, and locally built structures. Bamboo forms the main frame, integrating solar power and rainwater collection in one gesture. This hands-on approach ties survival needs to a shared act of making. The ground becomes not just infrastructure, but a place of collective pride and care.



### 2. ELONGATED FORM

The system components follow logic of elongation. Solar panels and bamboo structures benefit from long and narrow configurations that enhance exposure, reduce material use, and ease maintenance. Water purification follows the same principle, as slow-moving flow through narrow but wide-surfaced wetlands allows for deeper and more effective natural filtration.



### 3. EMBODIED COMMUNITY

Living Infrastructure is experienced through use, care, and shared routines. Water paths act as walkways, gardens host learning, and canopies become places to gather. As residents maintain the system, they create new forms of cooperation. Community becomes structure—reinforced through daily living and use for sustainable community.