



## WATER AND ELECTRICITY SUPPLY TO MAROU VILLAGE.



Green Roof



Bamboo



## WATER HARVESTING AND FILTRATION: ABUNDANT, SAFE WATER YEAR - ROUND.

Rainwater from the flower-shaped roofs is filtered by green roofs, then flows into a 1-million-liter underground tank. At the heart of the space, a bamboo Warka Water tower harvests water from the air even during dry seasons, ensuring a constant supply. All water is filtered before distribution, with both electric and manual pumps for reliability. Easy access points make water available for drinking, gardening, and food production.



**"We are in the labor of love, co-creating  
with nature to weave together a  
regenerative culture. «**



## SOLAR ELECTRIC SYSTEM: CLEAN, RELIABLE AND POWER FOR MAROU.

Our bamboo flower structures feature integrated solar panels a top each roof generating over 100 kW of clean energy for the village. Electricity is stored in a safe battery system, ensuring reliable power day and night, with outlets and lighting available for anyone in the community. This sustainable system reduces dependence on fossil fuels and empowers Marou with resilient, renewable energy.