



VALE NI SIGA

From Sun to Soil, From Module to Community

VALE NI SIGA is a multifunctional cultural space rooted in the land and traditions of Marou Village, designed to address growing climate challenges such as sea level rise, hurricanes, and prolonged drought. These disruptions threaten the village's access to clean water, stable electricity, agriculture, and cultural continuity.

In response, the project integrates **traditional knowledge** with **renewable technology** through a modular system made of **local bamboo and clay**. Each hexagonal module supports one of three core functions: **solar energy generation, rainwater harvesting, or food and medicinal planting**. Together, they form a flexible infrastructure that promotes energy access, ecological resilience, and community self-sufficiency.

More than a utility, VALE NI SIGA is a living landscape — a shared space where daily life and nature come together. Families gather under filtered sunlight, children run through puddles, and evenings glow with firelight and conversation. The system also serves as a hub for environmental education and cultural tourism, helping people reconnect with each other and the land. Here, solar power is not just a mechanical act but **a spatial and cultural expression**. As "The House of the Sun," VALE NI SIGA becomes a visible, teachable symbol of regenerative living. Starting from community needs, the project fosters shared ownership, local adaptation, and future replication.

Designed for and with the people of Marou, it also offers a **replicable model** for other island communities seeking sustainable, culturally grounded solutions.

