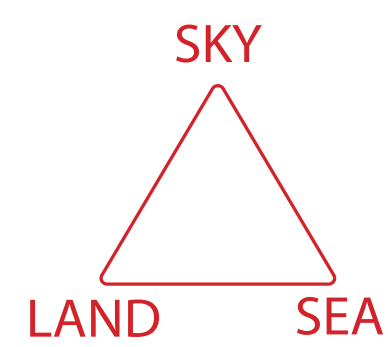


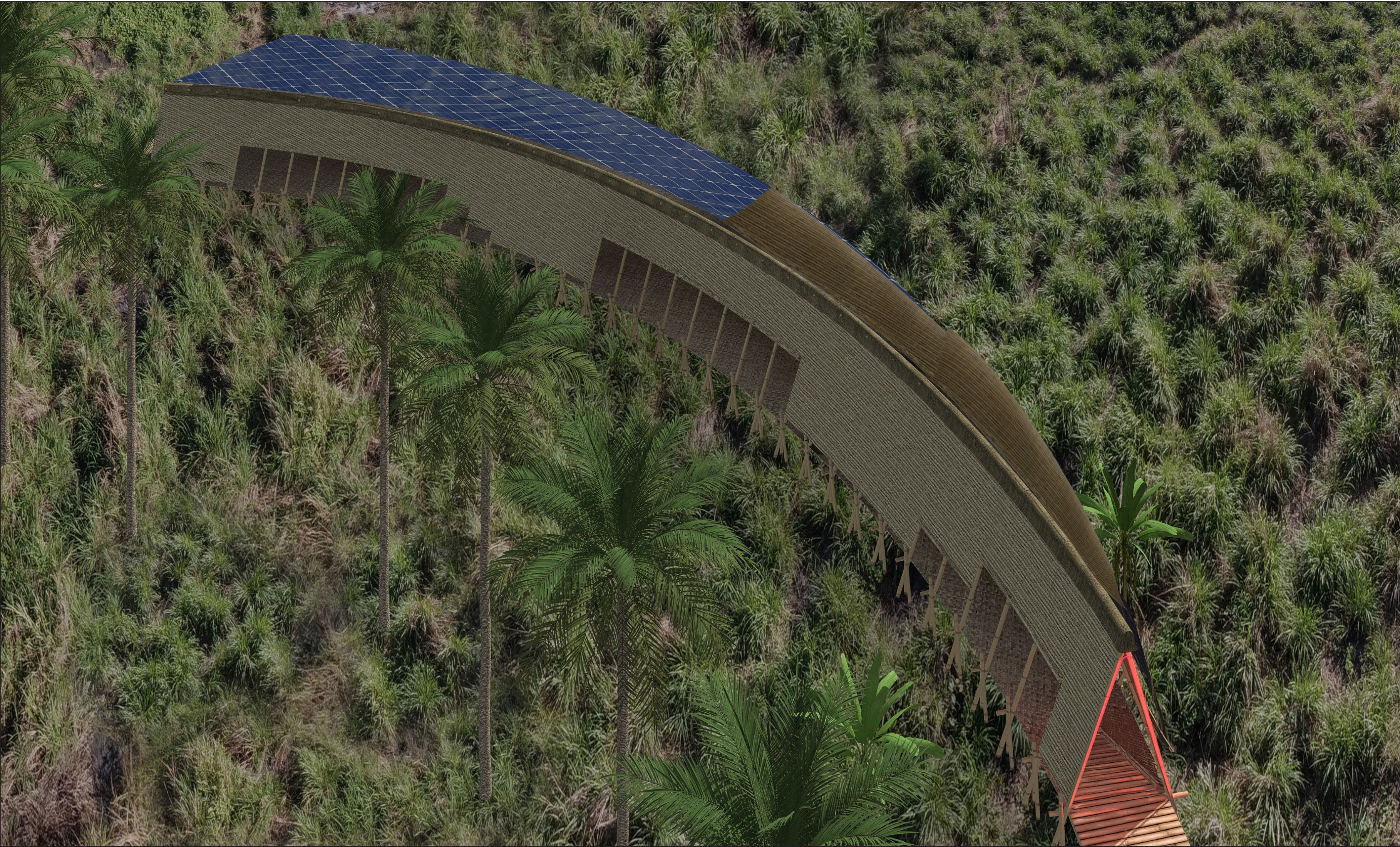
Vunilagi

Literally translated as the meeting place of land, sea and sky, the horizon, but often used euphemistically as a place of the future that encompasses people's aspirations



Art in the oceanic philosophical sense grows out of the natural relationship of humans to the earth, the sea, the skies. Vunilagi sits at the centre of this three part relationship. The form of the triangle and its three points is significant. Each point of the triangle represents a different natural system. The triangle itself is an artistic representation of ancient shapes, the volcano, which was the founding force that birthed the Yasawa Islands from the ocean.

These three elements of nature, (sky, sea and land), all determine survival in Marou Village. Unharnessed, they are destructive and bring great hardship but when brought together and managed, they provide the essential building blocks of a healthy sustainable community. Vunilagi performs that function, uniting these natural elements together into a system, not seeking to oppose them.



The Vunilagi of Marou

Vunilagi acts as a central point for Marou Village. It acts as a place of exchange, for knowledge and cultural practices and in times of threat from the weather it acts as a place of refuge. It then acts as a place for recovery. Vunilagi acts as a collector and distributor of life changing clean water and electricity. It is the new heart of the community of Marou.

Sky - Water

Vunilagi is designed to capture and channel enough rainwater to sustain the village during the dry months each year. It is the focal point for water harvesting during the wet months and drives a series of centralised village tanks.

Sky - Sun

Vunilagi harvests and stores enough energy from the sun to power the village throughout the entire year. By facing the photovoltaic panels north and tilting them at approximately 18 degrees, we maximise the energy output. The modular design allows for easy scaling of both generation and storage capacity to meet future increases in demand, without requiring major system changes.

Sky - Wind

The structure is cyclone resilient, it is designed to be strong and flexible and to allow strong winds to pass right through it. Materials overlap each other, creating space and movement that allows the roof and walls to 'breathe' or be completely retraced, therefore avoiding destructive build ups of competing air pressures.

Land - Earth

Connecting to the land with a light touch, made with locally grown natural materials, made by hand, made without any heavy equipment and made without the need for any metal components, Vunilagi is designed to be made by Marou Village and fit perfectly into the character of the landscape.

Sea - Tides & Erosion

High tides that correlate with rain events are causing unprecedented flooding in the village. A failed road construction changed the way water flowed around the village - it now goes directly through it. Sitting approximately 1300mm above the ground Vunilagi is resilient to these challenges.

