

Natural Dynamics

Visualizing the Dynamic Aspects of Nature

This project is inspired by the dynamic changes in Marou's natural environment, such as changes in the speed or direction of the wind, conditions of natural light, and movement of water. It engages these dynamic systems through a series of interventions that generate energy as well as unique visual and tactile human experiences. Our interventions aim to be adaptable and easily maintained such that they could be deployable in different combinations to suit different sites.

These interventions, consisting of energy producers and consumers, work together. The energy producers: wind turbines, solar canopy, and hydro turbines, generate energy during specific environmental conditions and when combined produce energy through a wider range of conditions. The Tanoa is our main energy consumer. When the producers are generating energy in excess of the village's needs it can be sent to our excavator machines which dig giant Tanoa shaped water retention ponds into the drainages, slowing down water and reducing erosion.

