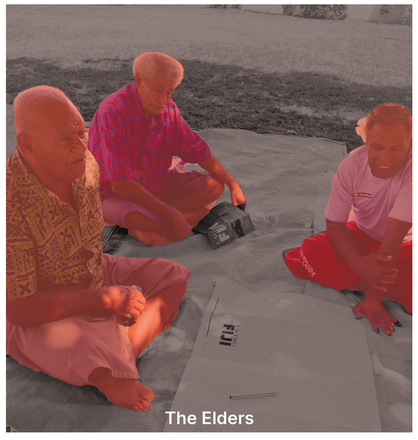
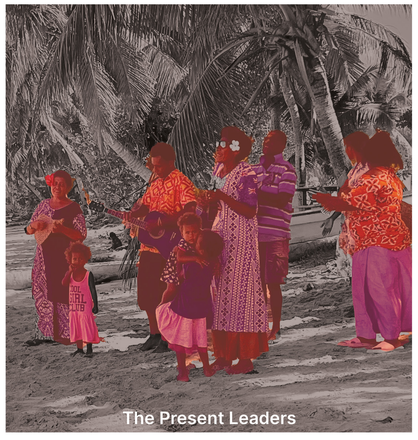
RESONANCE

Background
Marou Village, located in a remote coastal area of Fiji, faces pressing challenges despite its abundant natural surroundings. Access to clean freshwater remains limited—mountain water is of poor quality, and seawater, though plentiful, is not directly usable. The region is also heavily reliant on imported fuel, making energy access costly and unsustainable. Land availability is scarce, and climate change is intensifying environmental stresses. Additionally, there is a lack of public spaces that support community gathering and ecological awareness.

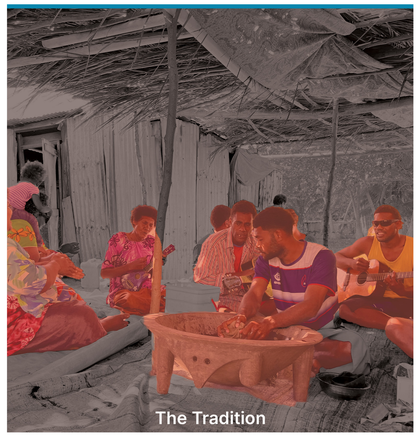
Concept Overview
Resonance is a design concept that seeks to create harmony between technological infrastructure, natural resources, and local culture. The idea draws inspiration from the phenomenon of resonance—where different elements respond in sync, amplifying each other's impact. The concept proposes a network of decentralized, multifunctional systems that not only solve critical issues like water and energy scarcity but also enrich the social and environmental fabric of the village.

Purpose of the Concept
The Resonance concept aims to respond to Marou's unique challenges through integrated, place-based design strategies that blend technological function with cultural and environmental relevance. By utilizing renewable energy and decentralized water systems, the concept supports daily needs while minimizing ecological impact. More than infrastructure, these interventions are envisioned as shared spaces that encourage community interaction, environmental education, and cultural preservation. The goal is to create a resilient village that thrives in harmony with its landscape—where energy, water, nature, and people resonate as one sustainable system.


The Elders


The Present Leaders

The Future


The Tradition