

Each module is transported to the island in lightweight, disassembled components, allowing for efficient shipping and reduced logistical impact. Once on site, the assembly process becomes a communal effort, inviting local residents to take part in building the structure. This hands-on participation marks the beginning of a symbiotic relationship-between people, nature, and technology-fostering a deeper sense of ownership and care from the very first step.









The Great Vessel represents a convergence of nature, technology, and community, proposing a regenerative architecture deeply rooted in the local context of Fiji. Inspired by the rhizomatic philosophy of Deleuze and Guattari, the structure acts as a decentralized, organic system where energy, water, and vegetation are harmonized in a living network. Each printed module, made of low-carbon porous concrete and reinforced with natural fibers, is topped with a solar flower that captures sunlight and rainwater while allowing local plants to flourish over time.

More than a technological prototype, this installation becomes a vessel for collective experience and sustainable development. It generates electricity through concentrated solar power, harvests clean water, and offers a resilient shelter that adapts to increasing climatic challenges. Its form echoes the traditional kava bowl, a cultural symbol of unity, sharing, and ritual, reinterpreted here as a public space of coexistence and resilience.

The maintenance process involves both passive strategies and active participation from the local population, fostering a sense of ownership and ecological awareness. Plants growing on the structure help regulate microclimates and reinforce the overall system, creating a feedback loop where humans and environment mutually benefit. In doing so, The Great Vessel becomes not only an energy and water source, but also a poetic gesture-a rhizome that grows with the land, nurtures life, and embodies a hopeful response to the uncertainties of a changing world.