



MANGROVE BRIDGE

A Sustainable Infrastructure Bridging the Ecological and Social Gaps

Positioning on the Remote Island

The project is located near the village of Marou on the east coast of Naviti Island, a remote island of Fiji. The connection with the main island Viti Levu relies on ships. The two ports closest to Naviti on Viti Levu are Port Latouka and Port Denarau Marina, with Latouka primarily serving as a freight port and also serving as a seabus for tourists and local residents, while Denarau is the main tourist hub.

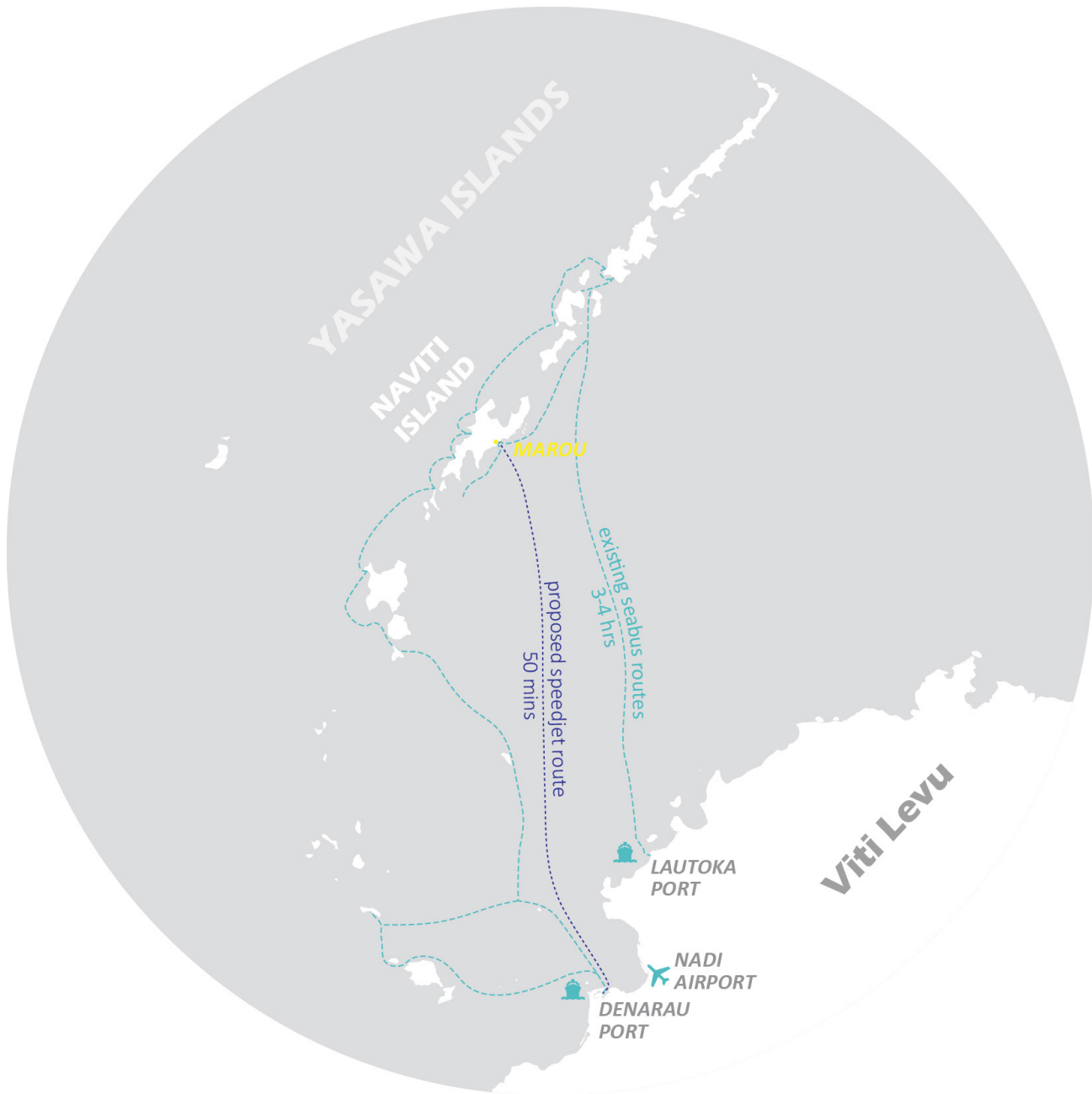
The existing ships take about three to four hours to travel from Latouka Port via Nacula Island to the vicinity of Naviti Island, and even longer from Derarau Port. The proposal suggests a fast route from Denarau Port to the southern side of Naviti Island to disperse the existing tourist flow and enhance the tourism value of Marou Village.



Biomimetic Reconstruction

The plan is based on the spatial relationship between mangrove aerial roots (modules) and main channels (trails), simulating the adaptability of mangroves to coastal terrain and naturally integrating with the rugged terrain of Naviti Island.

Extending along the northwest-southeast axis, it connects Vita Rua with villages and Yasawa School, serving as an ecological bond shared by both tourists and villagers. It provides a public space that offers shade and shelter from the sun, while also fulfilling the needs for energy and water storage.



Transit Connection with Viti Levu
Proposed Jet Route to Weave Marou into the Existing Tourist Network and Make Day-Trip Possible



Regional Context
Proposed Site as A Geographical Center to Connect Surrounding Resources



Planning Strategy
A Bridge Connecting Scattered Elements as Supporting Infrastructure for Production and Living