



The Vatu Rua Kaukauwa proposal draws inspiration from the pristine natural beauty and Renewable energy is seamlessly incorporated, both by extending the lifespan and the imposing mountainous landscape of Marou Village in Fiji. This proposal serves as increasing the social value of existing solar panels, and by facilitating the scalable a lasting symbol of strength and resilience, representing the cultural and geographical installation of new panels to meet evolving community energy demands. essence of the Fijian people. The project derives its name from the phrase meaning 'two resilient rocks', thus highlighting its deep roots in both local cultural and ecological The enhancement of water security is facilitated by the implementation of rainwater identity. The introduction of a modular, flexible system is proposed, offering climateharvesting systems, which employ mobile, standardised storage tanks to provide resilient solutions for coastal island communities. This system is designed to address decentralised and reliable access to water. The project foregrounds Nature-Based Solutions (NbS), prioritising ecosystem restoration over non-native materials and social, economic, and environmental challenges through sustainable architectural strategies that deliver both immediate and long-term benefits. The design is founded cultivating a robust, productive landscape. This approach has a dual impact: upon two pentagonal bamboo modules, which are scalable, adaptable to diverse strengthening community stability while providing vital habitats for native wildlife, terrain, and configurable to meet changing community needs. This initiative has been thereby enriching local biodiversity. Strategic use of native vegetation, levee setbacks, developed to empower local residents as active stakeholders, allowing them to preserve and water retention areas strengthens flood mitigation efforts and boosts the area's cultural heritage, foster social interaction, and support traditional lifestyles while overall ecosystem services. This, in turn, serves to establish long-term harmony advancing economic and energy independence with minimal environmental impact. between the local community and its natural environment.

The project has been developed with a focus on the utilisation of fast-growing, locally This strategy facilitates a transition from a linear economic model to a circular and sourced bamboo, in conjunction with the integration of reclaimed indigenous knowledge metabolic one, with the objective of closing resource loops, restoring systems, into modular construction techniques. This approach is intended to enhance selfand embracing regenerative principles guided by ecological principles and mindful sufficiency and facilitate the development of cyclone-resistant architecture. Community stewardship. Beyond climate resilience, the initiative is envisioned as an iconic touristic involvement encompasses a wide range of activities, including construction, material destination, leveraging the visual and cultural allure of bamboo architecture. This cultivation, and ongoing stewardship. These activities contribute to fostering resilience embraces the beauty of local materials, enhances sustainable systems, and honours and adaptability within the community. traditional social knowledge. As a vibrant, living showcase of circularity and cultural expression, the project aspires to position Marou as a leading hub for eco-tourism,

– Typology 3 -

Typology 4

