

Te Mana o Marou – A Living Sculpture for Sustainable Resilience in Marou Village

Executive Summary

The proposal presents a vision for transforming the Marou landscape into a sustainable and resilient living sculpture. This involves the integration of traditional knowledge and modern engineering to create a unique environment that enhances local culture, promotes environmental stewardship, and provides economic opportunities.

Context and Problem Statement

Current challenges include the degradation of the coastal landscape due to erosion and climate change. The project aims to address these issues by creating a living sculpture that not only protects the environment but also serves as a hub for community engagement and tourism.

Design Concept

The design integrates traditional elements with modern infrastructure to create a sustainable and resilient landscape.



Cultural Inspiration from traditional Rigan workshops.

Elaborate community, monvensen and poverty strategy workshops.

Technical Overview

Solar photovoltaic array
Wind turbine
Battery storage system
Efficient waste recycling

Sustainable materials in the
construction scheme are selected
for durability.

Social and Economic Impact

Improved infrastructure
Enhanced connectivity with
existing infrastructure
Community engagement through
an art competition
Potential for education
Capacity building in communities
across the island

Community training in
existing skills
Positioning as a sustainable
tourism destination

Tourism and Cultural Integration

The design becomes a
cultural and arts center.
incorporating traditional
knowledge and practices

Promote tourism
through agroforestry
and ecotourism
Cultural tourism

Appendices: Illustrative Diagrams

Social and Economic Impact

Employment opportunities
Skill development and entrepreneurship
Business incubation
Local training centers and vocational
centers

Mentoring and networking
Stimulates economic growth
Promotes transparency
Business incubation
Diversification of the economy
Collaboration

Potential for replication
Healthcare facilities and clinics



Illustrative Diagram II