

# SYNERGISTIC GARDEN

LAGI FIJI 2025, A Gentle Infrastructure for Water, Land, and Community

The project grows from the dialogue between architecture, landscape, and community, an alliance rooted in long-term sustainability.

It envisions a **self-sufficient village**, where energy and water needs are met in harmony with the surrounding ecosystem. Each element is shaped to **honour local resources, reduce impact, and foster a circular economy** shared by all.

This is a landscape shaped not by force, but by care: **gentle interventions, native materials**, and planted species restore balance, retain water, and offer comfort. Here, architecture does not impose, it listens, adapts, and protects.

Set in a landscape shaped by climatic extremes and water scarcity, **the project embraces rain as a vital resource**.

The entire intervention area becomes a floodable plain, a space that welcomes excess rainfall, **protecting the village and transforming risk into resilience**.

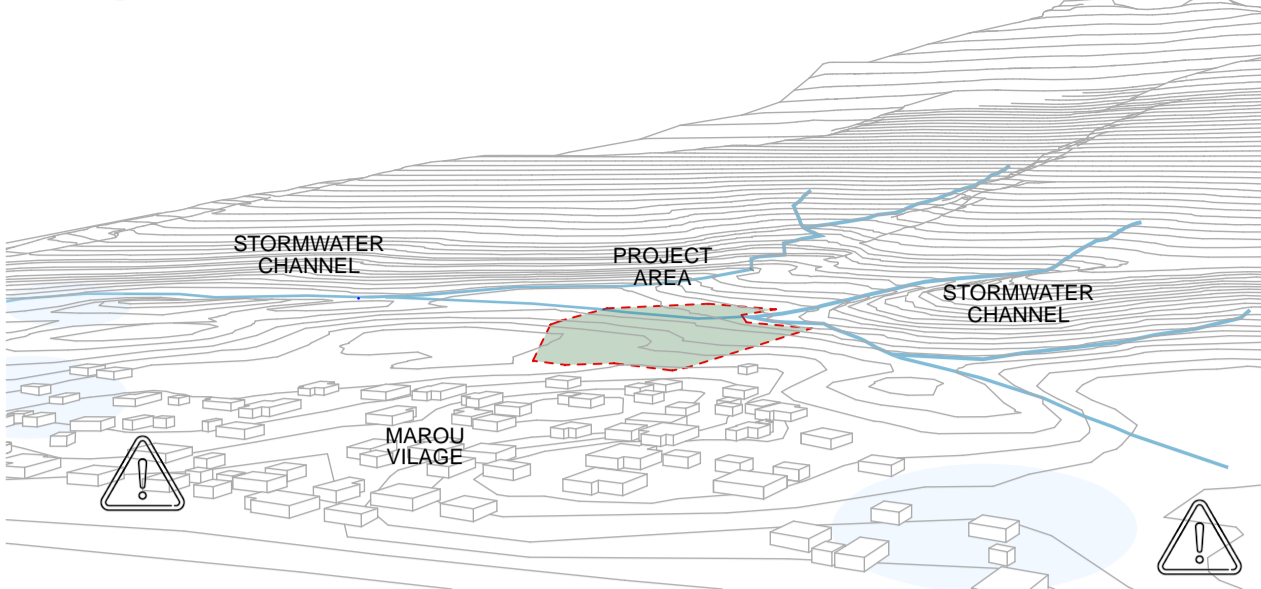
**Subtle land movements guide the water** inward, where sculpted basins of varying depth slow its flow and begin the process of natural purification. Phytodepuration, achieved through layers of stone and the presence of wetland plants, filters the water gently and effectively.

The purified water is then gathered in six cisterns designed to store and distribute water according to the rhythm of the community. A growing network carries this stored resource toward the village, ensuring continuity even through future expansions.

**To support energy autonomy**, the project integrates renewable sources directly into the landscape. **Photovoltaic and wind elements are placed among the basins**—functional yet delicate, designed to merge with the rhythm of the site.

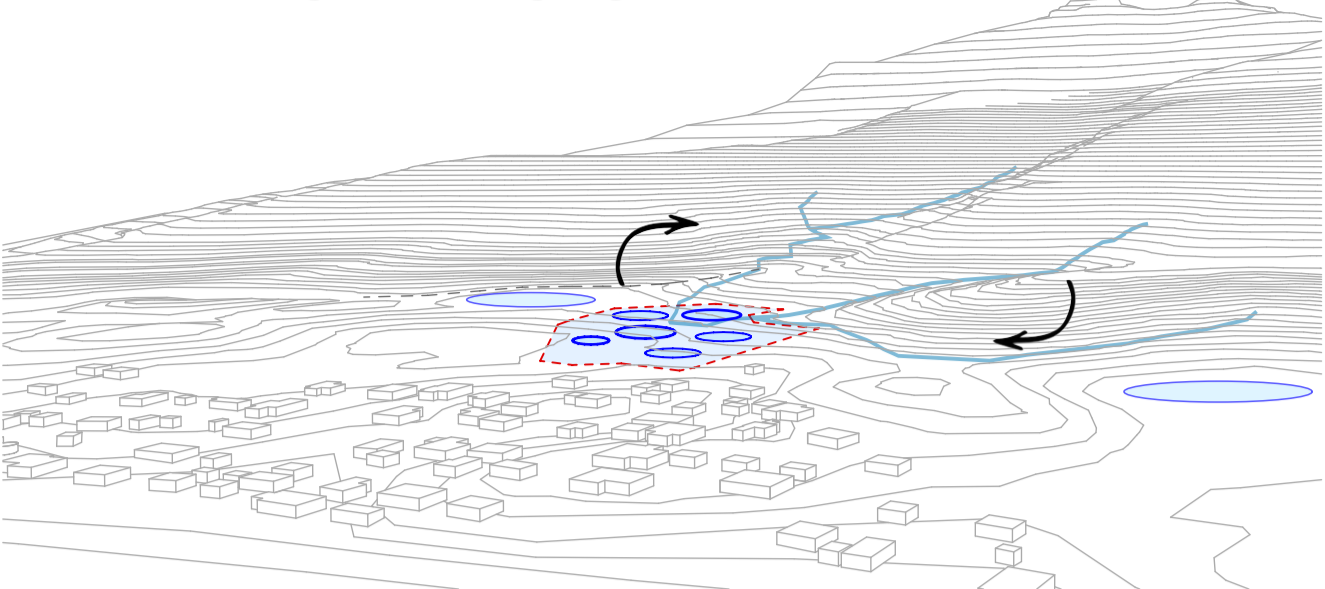
They power the water system silently, drawing from sun and wind without disturbing the terrain. Each device is oriented with care, capturing what nature offers, day after day, to sustain the quiet infrastructure beneath.

Existing Site Condition



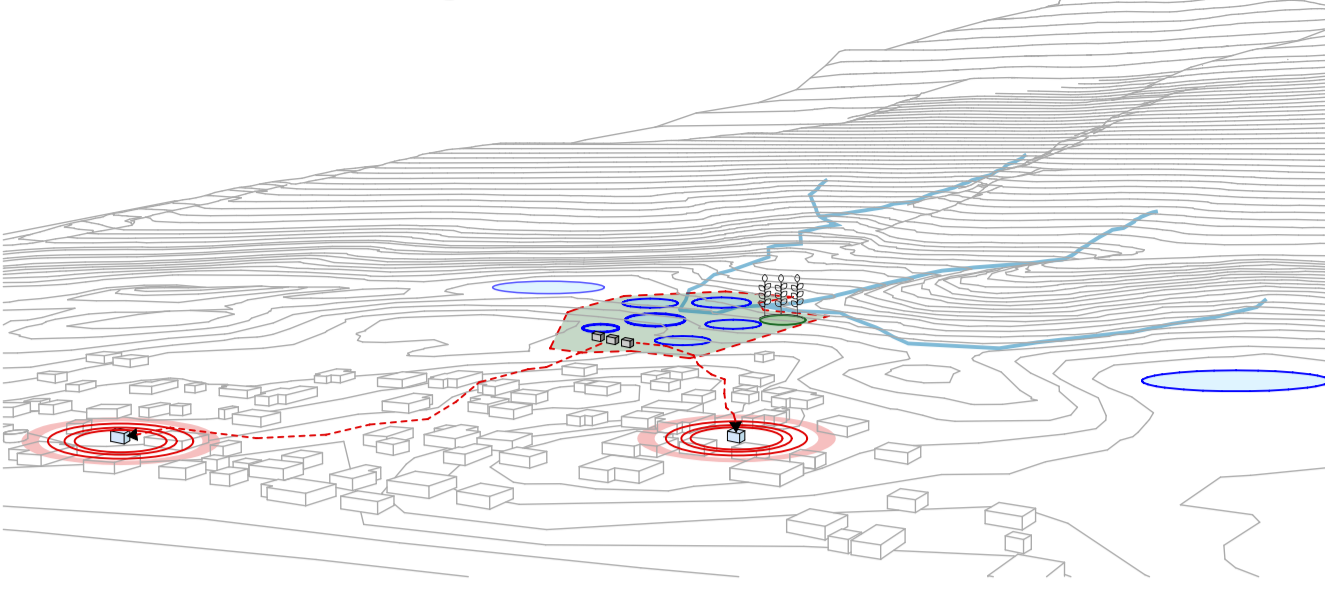
The site is bordered by seasonal watercourses that, during extreme weather, may cause flooding in the nearby village. **A fragile balance between land and water calls for care.**

Phase One – Guiding Water, Not Fighting It



The **water streams** are gently **redirected** toward the project area, allowing the landscape to absorb the excess and **shield the nearby village**.

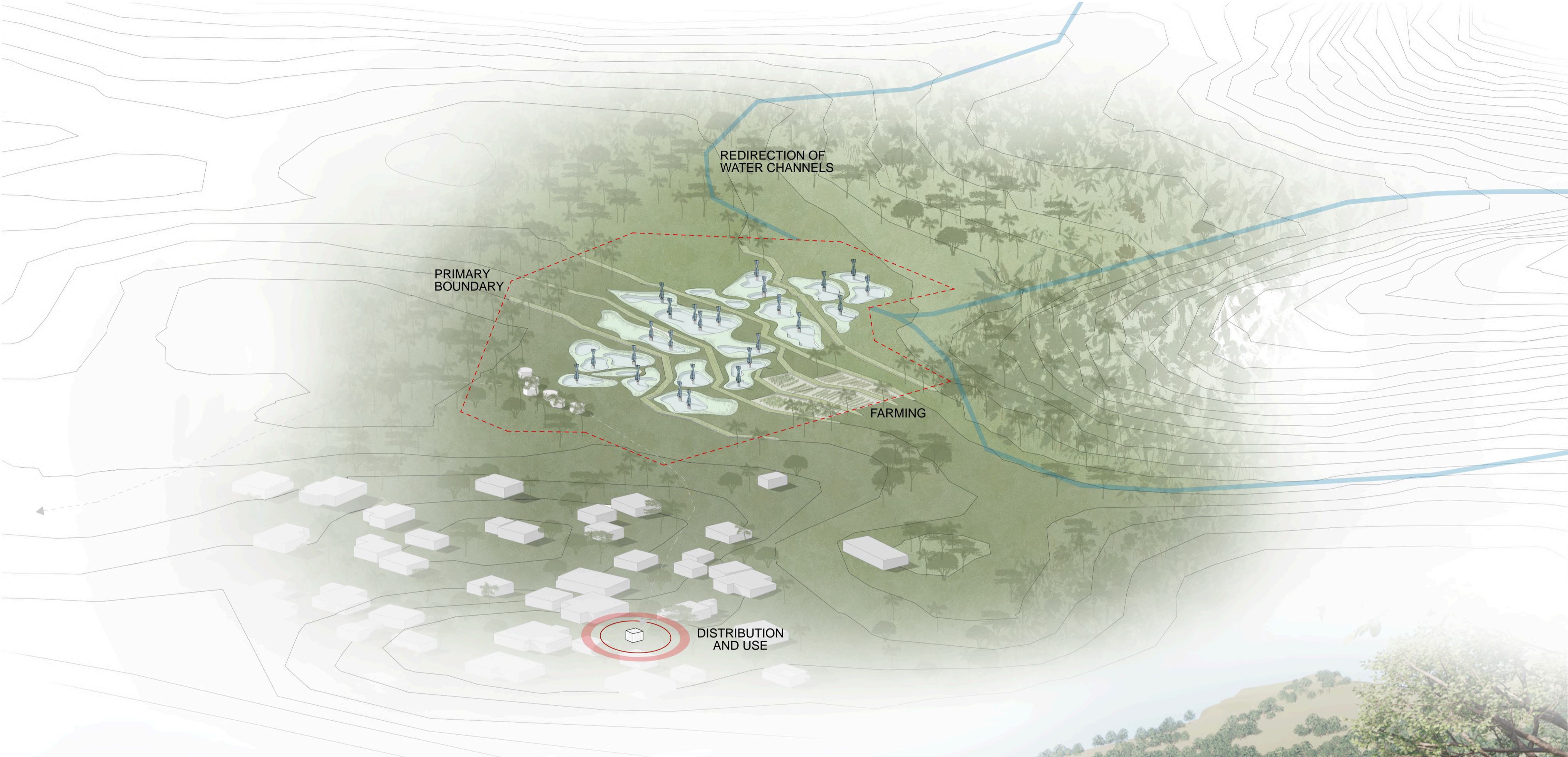
Phase Two – Filtration, Storage, and Shared Water



Filtered through soil and plants, rainwater is stored and gently returned nourishing crops and sustaining the village.



MASTERPLAN \_ 1:5000



AXONOMETRIC VIEW

