WHAT CAN DESIGN DO TO INSPIRE PEOPLE IN MAROU VILLAGE TO ADOPT **MORE REGENERATIVE FORMS OF HOUSING ?**

A centre to promove and educate for building more resilent forms and help them imagine the changes they need to make in their lives in adapting to shortages or disasters by climate changes.







Our design prioritizes low-impact materials:

- **1. Fast-growing bamboo**,
- 2. Low-carbon cement,
- 3. Basalt rebar.

Bamboo absorbs CO₂, thrives in Fiji's climate, and requires little water. Locally woven fibers add cultural beauty and functionality to the roofs. Every material is chosen to minimize environmental footprint while maximizing durability and resilience in Marou's humid conditions.

SOLAR BLOOM PAVILLION

Secondary Boundary Covers All Areas Within the Village and School Watersheds Marou Village Marou

ACTION PLANNING

We work with the community to set goals, organize teams, and track progress. Regular feedback helps us stay on course and adapt as needed.

LOCAL CHALENGES

Marou faces cyclones, floods, and water shortages. Limited access to resources makes local, climate-adapted solutions essential.

ENERGY CYCLES

Solar panels turn sunlight into electricity, which is stored in batteries. This powers lights, pumps, and chargers day and night.

Sunlight \rightarrow Solar Panels \rightarrow Power Bank \rightarrow Community Use







