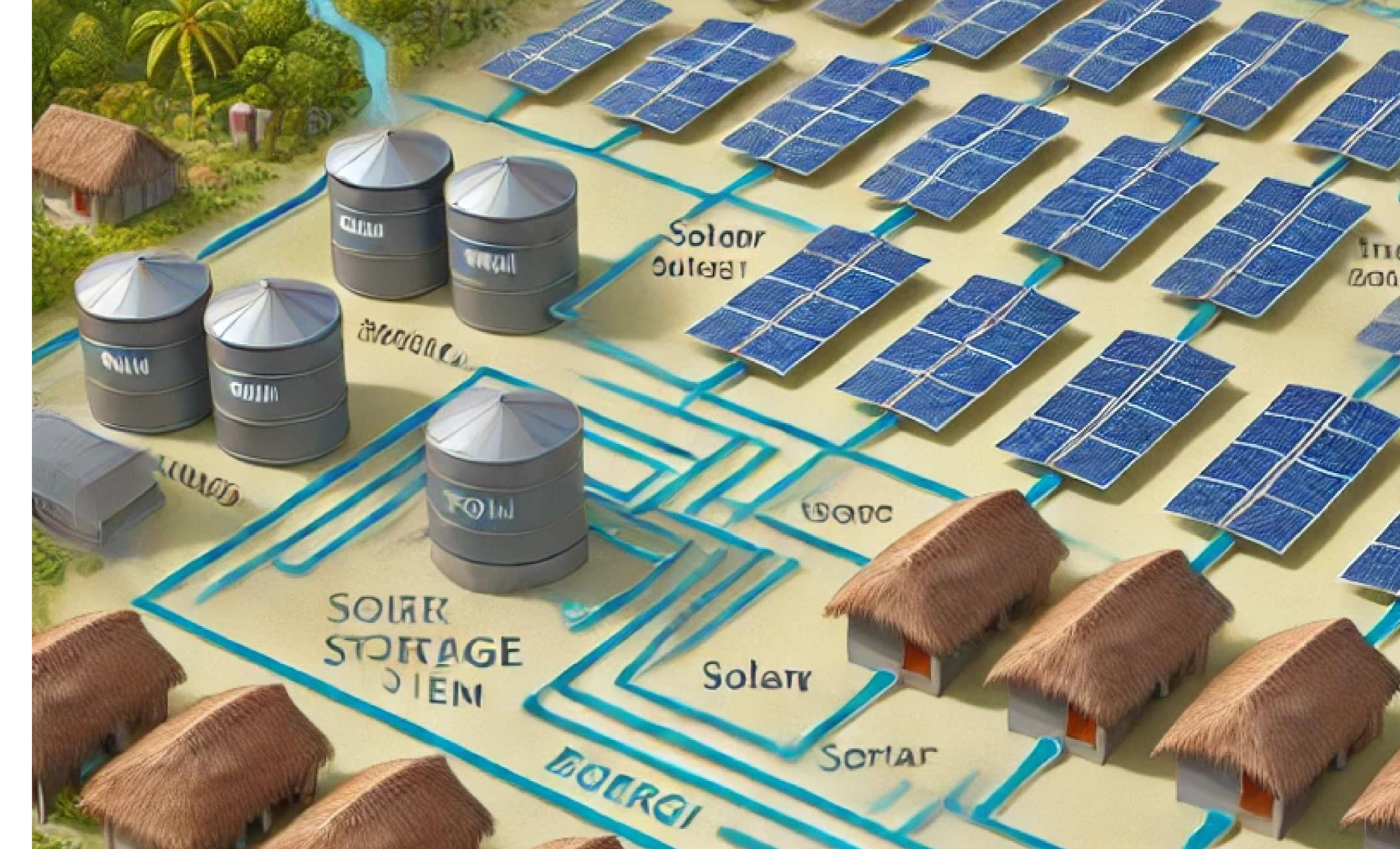
Board 2: Technical Layout and Energy Systems

- Solar Specifications:
- Minimum 75 kW capacity using custom-shaped photovoltaic modules.
- Panels designed to withstand Category 5 cyclones.
- Energy Storage:
- Lithium iron phosphate (LFP) batteries for night-time use.
- Modular design for future scalability.
- Water Harvesting:
- Rainwater collection from solar panels.
- Integration with existing storage tanks in the village.

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MAROU VILLAGE ENERGY FLOW



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RAINWATER HARVESTING DISTRABUBIING

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