

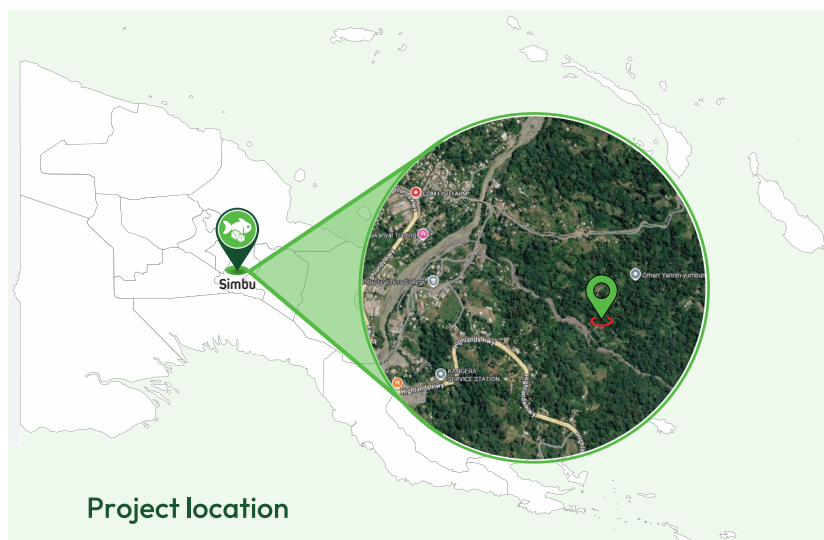
Pawarim Moa Talapia

Solar Energy Project



Australia is partnering with the PNG National Fisheries Authority and Elim Fish Farm to install solar energy systems for fish-farming households in Sinesine-Yongomugl and Chuave districts, Chimbu province.

The new solar systems will power homes and streetlights, and supply reliable electricity to hatcheries, water supply and cold storage facilities. The project will support **24 fish-farming households** and surrounding communities to improve productivity, enhance livelihoods, and strengthen food security for local communities.



Local Solar Champions will be trained to maintain the new solar systems, enabling the community to play a key role in the project's long-term success. The project is scheduled to begin implementation in July 2026, with completion expected in September 2026.



Outcomes

Enhanced livelihoods: Reduced costs and increased productivity for fish-farming households, and support for economic activity in the wider community.

Improved food security: Reliable electricity will ensure a supply of affordable, protein-rich fish, reducing the need for imports and improving nutrition in the community.

Increased security and wellbeing: Solar power will light up homes and community spaces, improving safety after dark, especially for women and girls.

Environmental sustainability: By replacing diesel generators, solar energy will support sustainable aquaculture practices and reduce carbon emissions.



2

10 kW solar system for aquaculture facilities



100

solar home systems



20

solar streetlights

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