

PAWARIM KOMUNITI

Papua New Guinea Off-Grid Electrification Program



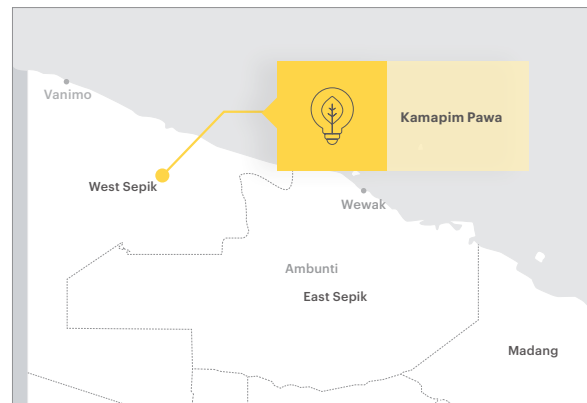
Kamapim Pawa – Torricelli Mountain Range Conservation Area



Sandaun Province (West Sepik)

Project Area: Aitape/Lumi and Nuku Districts

East Wapei, West Wapei, Yankok and Palai



Overview

Tenkile Conservation Alliance (TCA) and Solar Solutions PNG Ltd will work with communities to distribute solar home systems and streetlights in the remote area of the Torricelli Mountain Range, West Sepik. The community engagement approach will be based on what TCA knows works – backed by more than 17 years of working with communities in the area.

This project involves community financial and in-kind contributions, and participation of communities in governance, planning, distribution, installation and maintenance. Community representatives (with equal gender participation) will travel to the TCA base in Lumi for meetings and training and will be involved in the creation of a credible after-sales service structure. Capacity building will facilitate supply chains to ensure sustainability, and pathways to meet future energy needs, as they evolve.

Project Size	PGK4.8 million
Reach	2690 household solar kits and 350 streetlights to benefit 13,460 people across 50 villages
Technology	Solar home systems and streetlights
Duration	16 months

Anticipated Outcomes

Access to improved solar products will reduce dependence on burning local vegetation for lighting. This means increased quality of light after dark and lighting for community purposes, increasing safety, socialising and productive use opportunities. The project will build local capacity in organising and setting up businesses and will reaffirm the communities' commitment to conservation of their natural environment and endangered species. The participatory approach aims to increase community cohesion and cooperation.

Partners

The Tenkile Conservation Alliance has been working with the landowners of the Torricelli Mountain Range for more than 17 years, supporting conservation, establishing a protected area and delivering sustainable development.

With the critically endangered Tenkile and Weimang tree kangaroos as flagship species, TCA conducts community development projects, building the capacity of local communities using a bottom up, community-led approach.

Solar Solutions PNG Ltd is based in Port Moresby and was founded in 2013 with the aim of securing clean, reliable energy access for those living off-grid in PNG. Solar Solutions PNG Ltd has expanded into water supply, sanitation and other energy products, and is driven by a vision where everyone in PNG has access to the technologies required to lead healthy lives of dignity and opportunity.

