

Promoting Green Transformation in the Pacific Region towards Net-zero and Climate-resilient Development

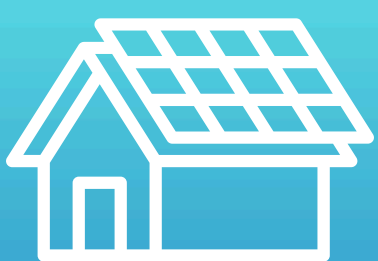
The project, with USD 37.5 million in funding from the Government of Japan, targets four Pacific SIDS – Papua New Guinea, Samoa, Timor-Leste, and Vanuatu – to achieve a clean energy future and increasing resilience to climate impacts, addressing urgent, necessary, unpredictable, and un-substitutable needs to achieve ambitious climate actions. By 2025, national and sub-national institutions and communities (particularly at-risk populations including women and children) in Timor-Leste will be better able to manage natural resources and achieve enhanced resilience to climate change impacts, natural and human-induced hazards, and environmental degradation, inclusively and sustainably.

National Priorities

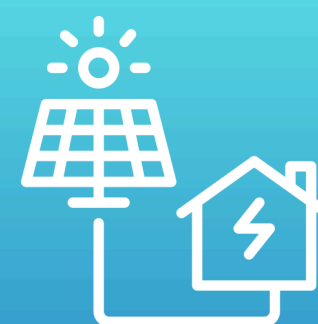


Both Nationally Determined Contributions (NDC) and Intended NDC outline the country's commitment to scale up investment in renewable energy systems to reduce diesel consumption and improve the resilience of rural communities. The project will contribute to the country's objective under the NDC to prioritize actions to increase energy security and access in rural communities and the use of low-carbon technologies.

Project Main Activities



Providing solar panel kits to communities not yet connected to the national grid, enabling the household members to engage in productive work even in the evenings and for the children to study. It will also provide improved cooking stoves so that their consumption of firewood will be significantly reduced.



Renovation, solarization and installation of ICT equipment in school ICT labs so that they can have a reliable energy source to conduct ICT classes uninterruptedly and promote access to digital learning platforms.



The solarization of National Institute of Pharmacy and Medical Products (INFPM/SAMES) and 2 Community Health Centers. This will enable this critical health facility to have a reliable source of electricity to store medicines in the temperature required, strengthen service operations, strengthen its digital systems for inventory management, and save funds in the long run, allowing for better service provision.

Quick Facts

Project Title Promoting Green Transformation in the Pacific Region towards Net-zero and Climate-resilient Development

Duration
2023 – 2025

Government Counterparts
Ministry of Public Works, Ministry of State Administration, Ministry of Education, Ministry of Health, and Instituto Nacional de Farmácia e Produtos Médicos (INFPM)

Total Budget
US\$ 5,781,240.00

Beneficiaries
750 000, and the National medical warehouse

Funded by



From the People of Japan

SDG alignment



Key Development Challenges



Many Households of the rural communities in Timor-Leste still do not have access to total and/or reliable energy source.



Many households in rural communities still rely on firewood for cooking, causing deforestation and increasing greenhouse gas emissions, which contribute to climate change. Women face significant health risks from prolonged exposure to firewood smoke.



Health services such as the national medical warehouse, community health centers, and health posts are compromised due to insufficient or unreliable power supply, affecting the proper storage and maintenance of medical supplies and reducing service quality.



Public secondary and vocational schools offering ICT subjects and labs lack a reliable power supply, disrupting technology-based learning and limiting the functionality of ICT labs and modules.

Key Results

1000

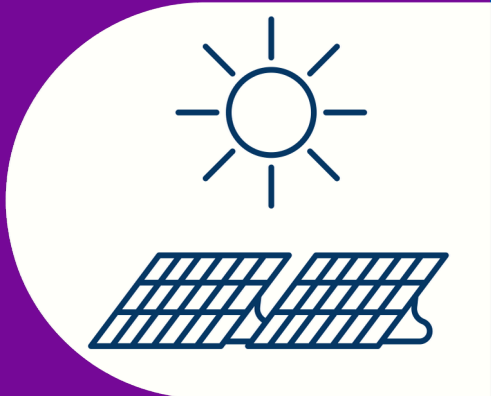
households (3,800 people; 48% female) gained access to solar lights and improved cooking stoves, reducing indoor air pollution and enabling evening economic and social activities, contributing to enhancing community well-being.



Started solar system installation at the national medical warehouse (SAMES/INFPM) and two health posts, set for completion by mid 2025 to provide sustainable energy and contribute to improve health services delivery to around

60%

of the total population.



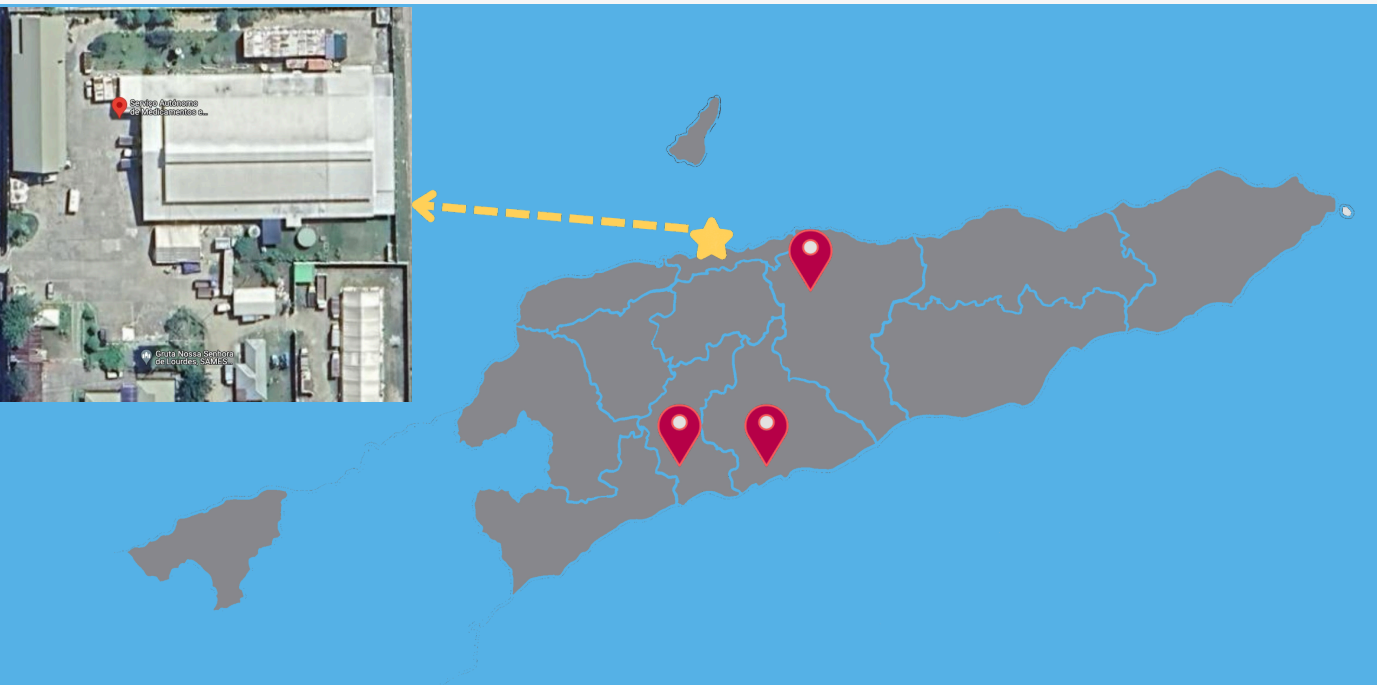
Started solar installations at

15

school ICT labs, to be completed by mid 2025, supporting reliable energy access and empowering students with ICT skills.



Project Map



“This support from UNDP and the Government of Japan is a great opportunity to address our energy needs, particularly in maintaining sensitive items like vaccines. INFPM is very grateful, as access to reliable energy is critical.”

Dr. Brígido Simão de Deus
Executive Director of INFPM