EUROPEAN UNION



European Union Ongoing Energy projects in Pacific Island Countries

1. From policy to investment: EU support to the Pacific energy sector

EU support to energy policy and regulation

Country	Energy legislation and regulation	Energy policies and plans
Fiji	Energy Act (Pac-REP)	Update of the rural electrification policy (Pac-REP)
FSM	Energy Act (NDC Hub) Grid Code (Pac-REP)	National Energy Policy (SEAM)
Kiribati	–	Rural electrification policy (Pac-REP)
Marshall Islands	Energy Act [support programme to be confirmed]	Rural electrification policy (Pac-REP)
Solomon Islands	Energy Act (BS) Amendment of the Electricity Act (BS)	Rural electrification policy (Pac-REP) Renewable Energy Roadmap (BS)
Tonga	Energy Act (previous BS) Grid Code (previous BS) MEPSL Regulations (EU TA)	Rural electrification policy (EU TA)
Vanuatu	Energy Act (Pac-REP)	–

BS: EU budget support · TA: technical assistance · MEPSL: Minimum Energy Performance Standards and Labelling · Pac-REP: Pacific Rural Electrification Programme · SEAM: Sustainable Energy and Accompanying Measures programme · NDC Hub: Pacific NDC Hub

EU energy portfolio in the Pacific – overview

Country	Programme / project	Instrument	EU contribution	Total investment
Regional	Pac-REP – Pacific Rural Electrification Programme	Grant	€15M	–
Regional	ElectriFI – Pacific Regional Window	Private investment facility	€8M	–
Fiji	Savatu Hydropower Development (28 MW)	EFSD+ blending (EIB, AFD)	€4.7M TA (study) c. €11M grant (potential)	c. €176M
Fiji	Vanua Levu Geothermal (15 MW)	ElectriFI loan (proposed)	USD 5M	USD 10M (development phase)
FSM	SEAM – mini-grids in Chuuk	Grant	€12M	–
PNG	Solar Hybridisation – Kavieng and Wewak	EFSD+ blending (ADB)	€20.7M grant €3.7M TA	€130M
PNG	Rouna hydro and Port Moresby solar (pipeline)	EFSD+ blending (AFD)	[to be confirmed]	[to be confirmed]
Solomon Islands	Energy sector reform	Budget support	€10M	–
Tonga	Energy sector reform	Budget support, TA, ADB co-financing	€10M	–

EFSD+ investment in the Pacific – Fiji

Savatu Hydropower Development – 28 MW

- **Feasibility study:** €4.7M EU technical assistance grant, delivered by the Italian consultancy Studio Pietrangeli
- **Indicative financing package:** EIB loan, AFD loan and an EU investment grant
- **Beneficiary:** Energy Fiji Limited (EFL)
- **Expected generation:** approximately 94 GWh/year

Current status

- EFL has requested EIB, AFD and EU financing for an integrated Renewable Energy Investment Programme supporting Fiji's transition to a secure, resilient and low-carbon electricity system
- The EIB has formally accepted EFL's request and started its internal procedures; the EU has confirmed that grant funding is available

EFSD+ investment in the Pacific – Papua New Guinea

Solar Hybridisation Project – Kavieng and Wewak

- **Total budget:** EUR 130M
- **Co-financing:** ADB loan; grant from the Japan Fund for the Joint Crediting Mechanism; EU contribution of EUR 24.4M:
  - EUR 20.7M direct investment grant
  - EUR 3.7M technical assistance
- **Beneficiary:** PNG Power Limited (PPL)
- **Objective:** reduce reliance on costly and polluting diesel generation by introducing solar photovoltaic (PV) and battery energy storage systems (BESS) in the off-grid provincial centres of Kavieng (New Ireland Province) and Wewak (East Sepik Province)

EFSD+ investment in the Pacific – Papua New Guinea

In the pipeline: hydro and solar

- **Co-financing:** AFD loan and EU direct investment grant
- **Beneficiary:** PNG Power Limited (PPL)
- **Rouna hydropower plant (12 MW):** refurbishment of 3 sites and replacement of the control systems for all 4 sites
- **Solar:** development of a 0.7 MW and a 2.5 MW solar power plant in Port Moresby

ElectriFI investment in the Pacific – Fiji

Vanua Levu Geothermal – 15 MW

- **Proposed ElectriFI support (under consideration):** USD 5M senior development loan, financing about 50% of the USD 10M development phase
- **Scope:** resource confirmation, permitting, land access, engineering studies and preparation of a bankable power purchase agreement
- **Beneficiary:** Pacific Hydrogen Fiji – project led by Howden Energy (New Zealand); GreenBridge expected as principal co-investor (c. USD 5M)
- **Potential:** Fiji's first utility-scale geothermal independent power producer, mobilising c. USD 100M in construction-phase financing

Thank you

Tonga

Support to the Energy sector in Tonga

EU contribution - EUR 10 million. This action has 3 main components**:**

- Budget support of EUR 6.65 million (€350,000 for project evaluation and audits)
- Technical assistance of EUR 1 million in Energy sector
- Contribution of €2 million for “Grid Enhancement for Sustainable Energy Transition Project in Tonga” project to be implemented by ADB

Samoa

Organisation of African, Caribbean and Pacific States (OACPS) Research and Innovation Programme – Renforcement des écosystèmes de Recherche et d'Innovation face aux enjeux climatiques dans le Pacifique (RERIPA) PROJECT (Strengthening Research and Innovation Ecosystems to Address the Impact of Climate Change in the Pacific)

- Research topic - Living Lab for a Decarbonized Energy Production in Samoa
- Budget - €350,000
- Project duration – August 2023 to Feb 2025