

PACIFIC REGIONAL ENERGY MANAGEMENT AND ENERGY AUDIT CAPACITY BUILDING

OVERVIEW OF SPC PROGRAMMES IN THE ENERGY SECTOR

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Florence Ventura – Team Leader Energy Security, Georesources and
Energy Programme, SPC

Pacific Community (SPC)



Mission

To progress all Pacific peoples' rights and well-being through science and knowledge, guided by our deep understanding of Blue Pacific contexts and cultures.

Mandate

Pacific Energy Ministers endorsed SPC as **the lead agency supporting energy transition in PICTs.**

Website

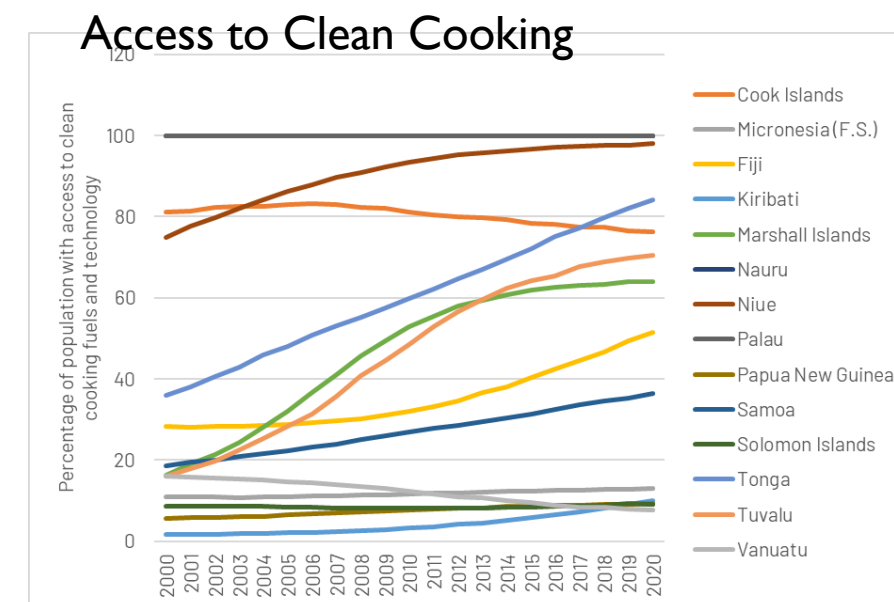
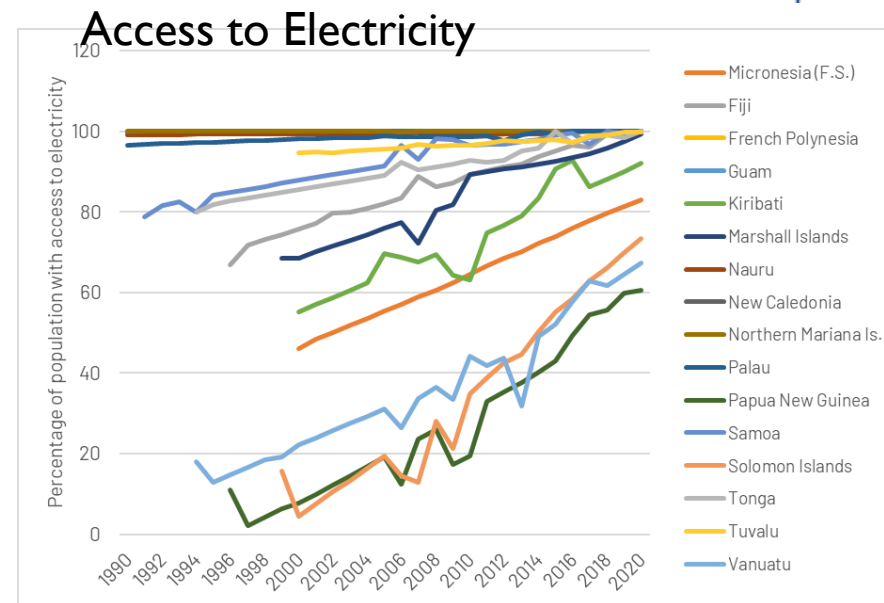
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SDG7 in the Pacific Region

Key messages

- **64% electricity access** - Rate is increasing but more needs to be done - Lowest electricity access rates in Solomon Island, Vanuatu and PNG
- Rates of **access to clean cooking** are amongst the lowest in the world. Rate is stagnating – Pacific isn't on track to achieve SDG7.1
- **Heavy reliance on imported fossil fuel**
 - 80% of the region total energy supply is from petroleum
 - 70% of electricity is from petroleum fuel
 - Transport is nearly 100% petroleum fueled
- **Immense potential for renewable energy and energy efficiency**



FESRIP 2021-2030

Framework for Energy Security and Resilience in the Pacific (FESRIP) A regional framework to strengthen partnerships and coordinate actions

Aligned to
SDG7 and
Goal 2 of
FRDP

Aligned to
PICT Energy
Roadmaps
and Policies

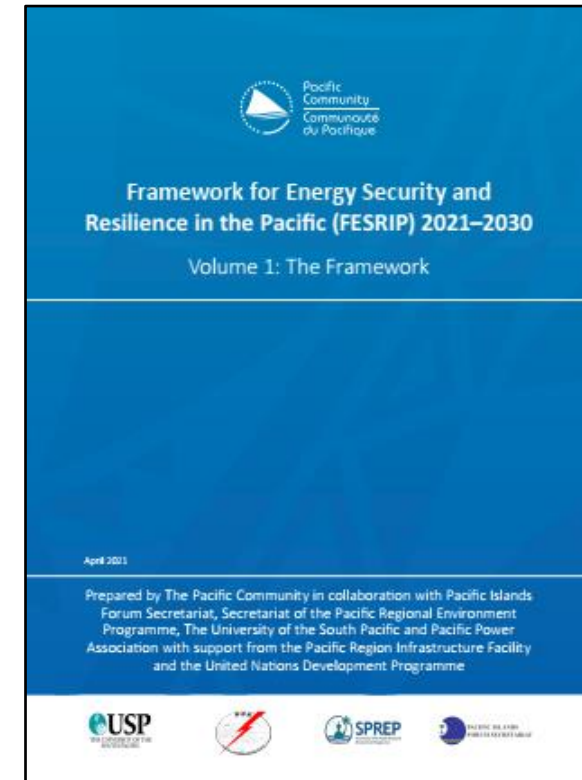
Linked to
2050 Strategy
and others

Establishes
CROP ETWG
&
ESWG

Jointly owned
by SPC, PIFS,
SPREP, USP and
PPA

Jointly
implemented
by PICTs and
partners

Endorsed by the Pacific Leaders in August 2021
Launched at COP27 in November 2022



Priority Areas	Initiatives
A: Energy Policy, Planning and Capacity Development	1. Development and implementation of robust national energy policies, plans and legislation
	2. Capacity development in the energy sector
	3. Database development with energy resilience/security indicators
	4. Rectifying gender imbalance in the energy sector
	5. Non-commercial household energy
B: Energy Sector Finance and Cooperation	6. Financing a regional energy framework
	7. Regional support to Pacific Island territories
	8. Cooperation in sustainable and resilient energy with other island regions
	9. Cooperation with the private sector in energy
C: Sustainable Electric Power Development	10. Climate-resilient power generation and distribution for island grids
	11. Overcoming technical limitations to high penetrations of renewable energy
	12. Financial & management mechanisms for sustainability of outer island & remote rural electrification
	13. Inspection and maintenance of RE technologies
	14. Regional RE standards for hurricanes and natural disasters
	15. Implementation of national goals and NDC commitments for renewable electricity
	16. Expanding and increasing the range of RE technologies
	17. Independent energy regulation
D: Low-Carbon Transport Energy	18. Land transport energy use
	19. Marine transport energy use
	20. Air transport energy use
E: Improved Energy Efficiency	21. Improved energy efficiency within buildings and economy wide
F: Petroleum and Other Liquid Fuel Services	22. Petroleum advisory services: fuel pricing, contracting, monitoring and biofuels
	23. Petroleum advisory services: fuel storage, distribution infrastructure and miscellaneous

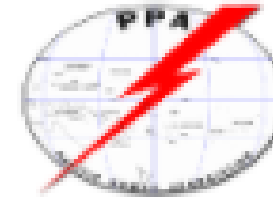
FESRIP PRIORITY AREAS

6 priority areas
23 priority initiatives

Strengthening Partnerships for Energy Security and Resilience in the Pacific



One Framework Many Partners



Other Partners: PICTs, JICA, ADB, Mana Pacific, GGGI, WB, MFAT, UNESCAP, DFAT, Power Utilities, FNU, ISA, AUT, KOICA, PIDF, IFC, ComSec, CFAN, GCF, UNDP, UNIDO, ADA, MCST, Hale & Twomey, NDC Hub, Energy Regulators, SEI-API, GET.Invest, etc.

FESRIP Implementation Steering Group established – meeting every month to discuss project proposals, funding opportunities and partnership

Support the development of concept notes / project proposals to be submitted to donors

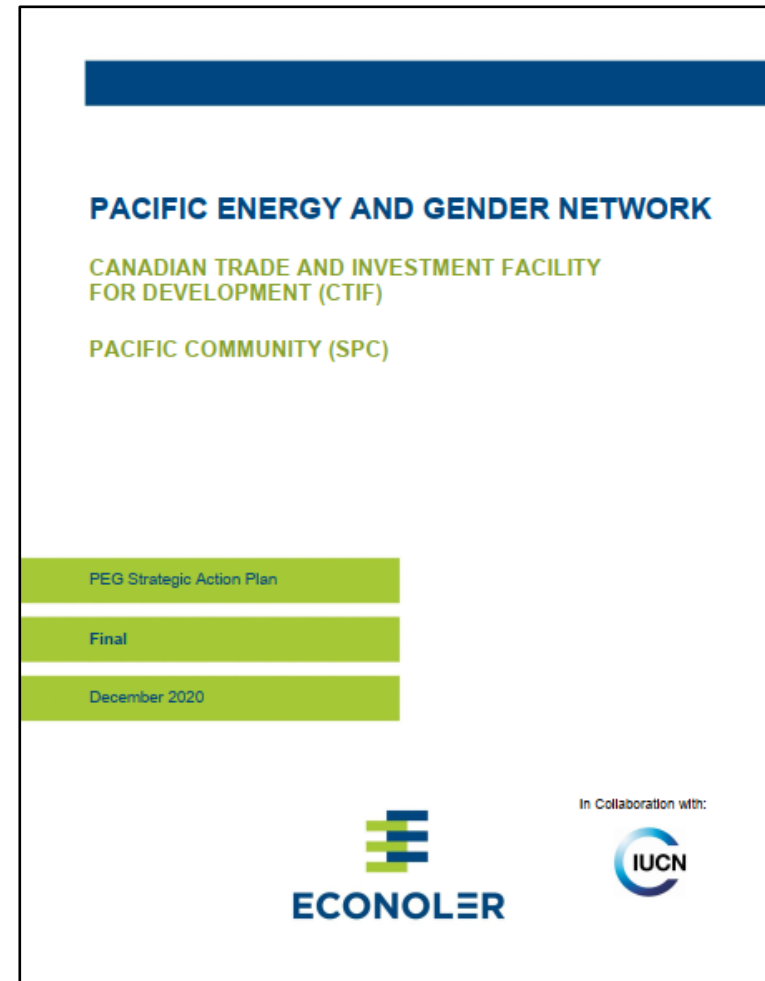
SPC Energy projects & initiatives

- Pacific Energy and Gender Strategic Action Plan (**PEGSAP**) 2020-2030
- **OPERA** - Office of the Pacific Energy Regulator Alliance
- **PAWES** – Pacific Adoption of Waste-to-Energy Solutions
- Tuvalu **biogas** project
- Creating **Enabling policy and regulatory environments** (SPC support on policy and legislation review)
- Improve **Energy Efficiency** through Pacific Appliances Labelling and Standards – PAD database

PEGSAP 2020 - 2030

PEGSAP 2020-2030 has 4 Key Objectives:

- **Objective 1:** Strengthen gender responsive regional and national energy policies;
- **Objective 2:** Enhance employment opportunities for women in the clean energy workforce;
- **Objective 3:** Promote women's access to, and representation in energy-related decision-making at the society, community and household levels;
- **Objective 4:** Women have enhanced agency, knowledge, skills and access to resources to voice their energy needs and engage in the clean energy value chain.



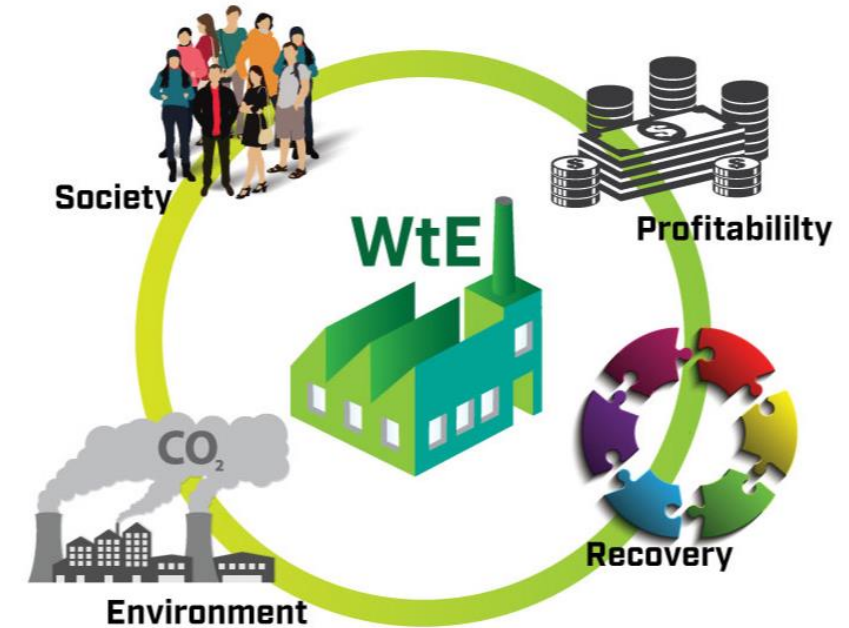
OPERA

- **Title:** Office of the Pacific Energy Regulators Alliance
- **Secretariat:** SPC
- **Member Countries:** Tonga, Samoa, Vanuatu, Fiji, Solomon Islands, Cook Islands, PNG, Palau
- **Overall Objective:** OPERA is promoting modern regulation of energy utilities in the region by developing a regional platform to deliver capacity building, enable the exchange of knowledge and skills



PAWES

- **Title:** Pacific Adoption of Waste-to-Energy Solutions (PAWES) Project
- **Duration:** 14 December 2021 – 13 December 2024
- **Consortium:** SPC & SPREP
- **Beneficiary Countries:** Papua New Guinea, Republic of the Marshall Islands, Samoa, Solomon Islands, Tuvalu
- **Total Budget:** 2,871,342 EUR
- **Overall Objective:** Enhanced solid waste management and energy security in the Pacific region.



SPC SUPPORT IN POLICY AND GOVERNANCE

- SPC – supporting the development / review of policy and legislation under various projects / programmes over the last 10 years.
- **Activities undertaken:**
 - Legal review / gap analysis;
 - Development / review of national energy plans, policies, roadmaps and standards;
 - Regional coordination of energy events / initiatives;
 - Policies / Legislation in Energy, Electricity, Petroleum, MEPSL, etc;
 - Partnership with PICs and others.

PACIFIC ENERGY LAWS AND SUB-SECTOR LAWS

		Energy	Electricity Supply	Petroleum		Renewable Energy		Energy Efficiency	
		Energy Act	Electricity Act	Petroleum Act	Price Control Act	Renewable Energy Act	Net Metering Act	Energy Efficiency Act	MEPSL Act
1	Cook Islands	X	X	X	X				
2	Fiji		X	X	X				X
3	FSM		X	X					
4	Kiribati		X	X	X				
5	Nauru		X	X	X				
6	Niue		X	X	X				
7	Palau	X	X	X			X		
8	PNG		X	X	X				
9	RMI	X							
10	Samoa		X	X	X				X
11	Solomon Is		X	X	X				X
12	Tonga		X	X	X	X			
13	Tuvalu	Pending (2023)	X	X	X				X (2016)
14	Vanuatu		X	X	X				X

Vinaka Vakalevu



CONTACT INFORMATION

Florence Ventura
Team Leader Energy Security
florencev@spc.int