



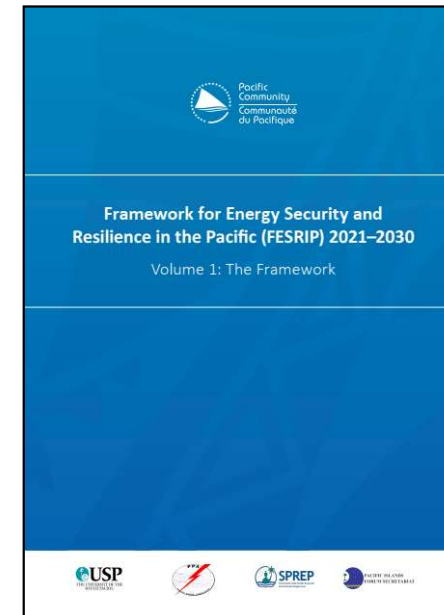
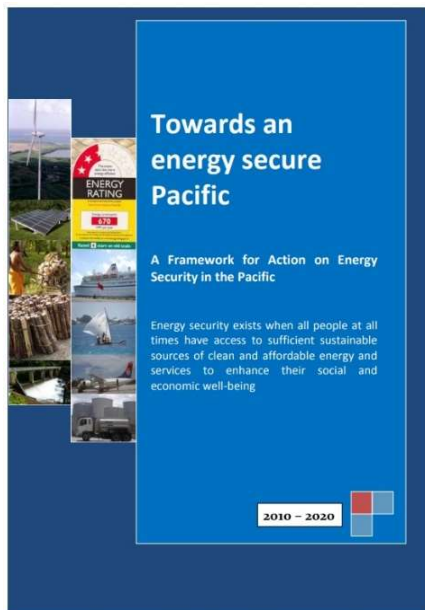
Pacific
Community
Communauté
du Pacifique

FRAMEWORK FOR ENERGY SECURITY AND RESILIENCE IN THE PACIFIC (FESRIP) 2021-2030

5th Pacific Forum on Sustainable Development and Capacity
Building Workshop for Pacific SIDS
25th – 26th November 2021
Shangri-La's Fijian Resort, Coral Coast, Fiji

Akuila Tawake
GEM Division
SPC

REGIONAL ENERGY FRAMEWORKS



- **Framework of Action on Energy Security in the Pacific (FAESP) 2010 - 2020**

- **Framework for Energy Security and Resilience in the Pacific (FESRIP) 2021 - 2030**
A new approach to improving energy security in the Pacific

Framework for Energy Security and Resilience in the Pacific (FESRIP) 2021-2030

Align to SDG7 and Goal 2 of FRDP

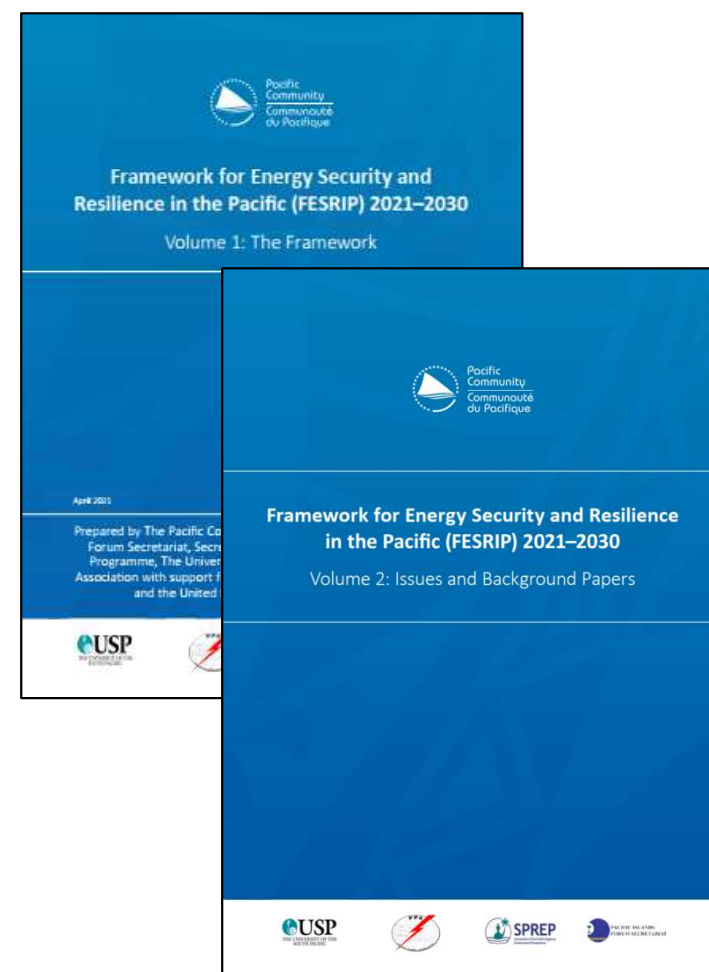
Align to PICT Energy Roadmaps and Policies

Link to 2050 Strategy and others

Establish CROP ETWG & ESWG

Supported by PRIF & UNDP

Jointly owned & implemented by SPC, PIFS, SPREP, USP & PPA



FESRIP PRIORITY INITIATIVES

Priority A: Energy Policy, Planning and Capacity Development	
1. Development and implementation of robust national energy policies, plans and legislation	SPC, lead; PPA for power sector
2. Capacity development in the energy sector	USP, lead in cooperation with the other CROP agencies
3. Database development with energy resilience/security indicators	SPC and PPA, co-leads
4. Rectifying gender imbalance in the energy sector	SPC, lead
5. Non-commercial household energy	SPC, lead in cooperation with USP
Priority B: Energy Sector Finance and Cooperation	
6. Financing a regional energy framework	PIFS, with participating CROP agencies
7. Regional support to Pacific Island territories	SPC, lead
8. Cooperation in sustainable and resilient energy with other island regions	SPC, PPA and SPREP, co-leads
9. Cooperation with the private sector in energy	PPA and SPC, co-leads; PIFS

FESRIP PRIORITY INITIATIVES (CONT.)

Priority C: Sustainable Electric Power Development (PPA lead for grid-based electrification; SPC for off-grid/mini-grid)	
10. Climate-resilient power generation and distribution for island grids	PPA and SPC, co-leads
11. Overcoming technical limitations to high penetrations of renewable energy	PPA, lead
12. Financial and management mechanisms for sustainability of outer island and remote rural electrification	SPC and PPA, co-leads
13. Inspection and maintenance of RE technologies	SPC, lead with PPA
14. Regional RE standards for hurricanes and natural disasters	SPC and PPA, co-leads
15. Implementation of national goals and NDC commitments for renewable electricity	SPC, SPREP and PPA, co-leads
16. Expanding and increasing the range of RE technologies	No overall lead; SPC for ocean energy
17. Independent energy regulation	SPC, initial lead

FESRIP PRIORITY INITIATIVES (CONT.)

Priority D: Low-Carbon Transport Energy	
18. Land transport energy use	SPC, lead
19. Marine transport energy use	SPC, USP and SPREP, co-leads
20. Air transport energy use	No specific lead
Priority E: Improved Energy Efficiency	
21. Improved energy efficiency within buildings and economy wide	No specific lead
Priority F: Petroleum and Other Liquid Fuel Services	
22. Petroleum advisory services: fuel pricing, contracting, monitoring and biofuels	SPC, lead
23. Petroleum advisory services: fuel storage, distribution infrastructure and miscellaneous	SPC, lead

Strengthening Partnerships for Energy Security and Resilience in the Pacific

Virtual workshop: Focusing on the implementation
of the FESRIP in the next 3 years.

ONE FRAMEWORK MANY PARTNERS



Date: 28th – 30th September 2021

Strengthen partnerships and donor
coordination for energy

Support the development of concept notes for
project proposals

Develop pathways and opportunities for
research and innovation to support PICTs and
regional agencies



Priority Initiatives for the Next 3 Years



Initiative #1: Development and Implementation of Robust National Energy Policies, Plans and Legislation

Initiative #2: Capacity Development in the Energy Sector

Initiative #3: Database Development with Energy Resilience / Security Indicators

Initiative #6: Financing a Regional Energy Framework

Initiative #9: Cooperation with the Private Sector in Energy

Initiative #12: Financial and Management Mechanisms for Sustainability of Outer Island and Remote Rural Electrification

Initiative #14: Regional RE Standards for Hurricanes and Natural Disasters

Initiative #17: Independent Energy Regulation

Initiative #18: Land Transport Energy Use



FESRIP Implementation Plan

Priorities	Initiatives	Target PICTs	CROP Agencies Involved	Partners	Impacts Indicator / Measurement	Timeframe		
						2022	2023	2024
Priority A: Energy Policy, Planning and Capacity Development	1. Development and Implementation of Robust National Energy Policies, Plans and Legislation	All	SPC, lead; PPA for power sector, SPREP	UNDP, IRENA, GGGI, NDC Hub, UNSW, UPNG, Loughborough University, MFAT, UNESCAP, NDC Hub, WB, EU	<ul style="list-style-type: none"> Improved Energy Planning Status Energy legislation enacted and administered 			
	2. Capacity Development in the Energy Sector	All	USP lead, other CROP agencies	SEIAPI ¹ , PRIF, UPNG, National SE Ass , UNSW, OACPS, MFAT, JICA, ISA , APTC , DFAT, UNDP, UNESCAP, Loughborough University, UNIDO, GGGI, UNESCAP, NDC Hub, WB, IRENA	<ul style="list-style-type: none"> Improved PICT institutional capacities (<u>i.e.</u> Govt agencies, private sector, utilities & individuals) Increased local participation in energy initiatives 			
	3. Database Development with Energy Resilience / Security Indicators	All	SPC and PPA, co-leads	WB, UNESCAP, PRIF, IRENA, UNDP, Loughborough University, Hale & Twomey	<ul style="list-style-type: none"> Availability of National Energy Data PRDR and national energy databases overhauled / updated Progress tracked through energy security indicators 			
	4. Rectifying Gender Imbalance in the Energy Sector	All	SPC lead	CTIF , IRENA, GN-SEC, IEA , ADB, GGGI, WB, MFAT, PIDF, DFAT, Loughborough University, NDC Hub	<ul style="list-style-type: none"> Policy addressing women's needs in place Increased participation of women in energy 			
	5. Non-commercial Household Energy	All	SPREP lead, SPC, USP	EU, PIDF, ADB, MFAT, Loughborough University, NDC Hub, IRENA	<ul style="list-style-type: none"> Regional use of biomass for cooking assessed Use of clean and affordable energy for cooking 			

THANK YOU

QUESTIONS??