





PCREEE supported initiatives to PICs

"Opportunities for gov't, private sectors, NGOs, Women and Youth"

Mr. Sosefo Tofu Pacific Island Energy Professional PCREEE 1







active centre for nenewable energy and energy enterency

SE4ALL Centre of Excellence to Promote Sustainable Energy Markets, Industries and Innovation

The PCREEE

- Going 7 years now
- Part of a global network comprising 11 regional centres
- Covering 120 countries and influencing 1.5 billion energy consumers
- 38 of 46 LDCs and 32 of 36 SIDS
- 2nd Operational Phase: 2021-2025
- UNIDO, Austria, Norway & NZ funding support
- Part and parcel of SPC and the GEP of the GEM Division









The PCREEE

Mission:

To create, educate, and facilitate the increased awareness and development of the RE&EE Agenda in the Pacific region, with special emphasis on the private sector and local industries.

Objectives:

- To improve access to modern, affordable and reliable energy services, energy security and mitigation of negative externalities of the energy system (e.g. local pollution and GHG emissions)
- To promote renewable energy and energy efficiency investments, markets, and industries in Pacific Island Countries and Territories (PICTs).







PCREEE BUSINESS PLAN 2020-2030 Pacific Centre for Renewable **Energy and Energy Efficiency**

Four (4) Strategic Areas

1. Programme 1. RE&EE Business Start-Up and

Entrepreneurship Support

- 2. Programme 2. RE&EE for Sustainable Mobility
- 3. Programme 3. RE Mini-grids
- 4. Programme 4. Energy Efficiency Investment







3.

4.

Key Areas of Support to PICs

- 1. Capacity Buildings Program
- Energy Policy Development (incl. 2.

guidelines /standards)

- Energy Forum, Awareness 3.
- Funding subsidy [incentives] 4.
- Development/review of Concept 5.

Note and Project Proposal.









Highlight of Experiences

Programme 1. RE&EE Business Start-Up and Entrepreneurship Support

- Supported the development of Sustainable Energy Certificate
 - In Tonga, NSCE Level 1 & 2 successfully started on the 12 September 2022 with 20 students (71% female, 29% male) registered under Level 1 and 30 students for Level 2 (21% female, 79% male).
 - $\circ~$ Development of NSCE Level 3&4 is underway.
 - Accredited standards for solar products, services and qualifications STAR-C
- Support the establishment of national industry associations.
- Energy Regulators reviews of concession contracts, trainings on tariff setting and PPAs, safety and compliance, etc
- Subsidy scheme to increase RE&EE business opportunities
 - Promoting RE Business Start-ups and Entrepreneurship in the Rural Areas of Vanuatu









Highlight of Experiences...cont

Programme 2. RE & EE for Sustainable Mobility

- Supported the development of Regional E-mobility Policy started rolling out in 2021.
- Completed legal support for the LEAF capital/Switch Network of Fiji to establish the first EV charging network in Fiji and the region.
 September 2022.
- Support the development of EV standards and guidelines in [ADBfunded project and managed by PRIF)
- Hosted 1st regional workshop on e-mobility in Nov 2022 |Suva, Fiji, next to be held in Tonga |12-16 June 2033
- Hosted EVWG workshops in Tonga | 12 -16 June 2023
- Supported the demonstration of EV technologies and business services.











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Programme 3. RE Mini-Grids

- Supported with capacity programs and trainings on mini-grids maintenance and operation.
- Support the development of standards and guideline for Minigrids
- Conduct Feasibility Study and National Mini-Grid awareness, information and promotion campaign.
- Hosted a regional mini-grids training in Suva | 26-30 June 2023



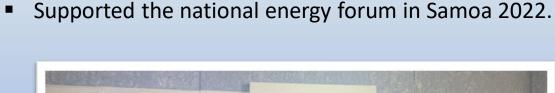






Programme 4. Energy Efficiency Investment

- Supported the Kiribati government with operationalizing the Energy Efficiency Legislations – such as the Minimum Energy Performance Standards and Labelling regulation.
- Technical Assistance: Finalised the Tonga Energy Efficiency Master Plan (TEEMP: 2020 – 2030)







Government of Tonga Energy Efficiency Master Plan





June 2020









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Thank you!!