

Accelerated Process for accessing support from the PEV ReadPro

- An initial email / contact to the PCREEE from applicant indicating interest and need for support
- PCREEE team member work together with applicant to develop a 2 pager concept note
- Co-financing support and implementation details are confirmed
- PCREEE signed official letter confirming support
- Project Implementation
- Reporting
- **Initial Contact – Project Implementation should take 2 – 4 weeks.**

REQUEST FOR TECHNICAL ASSISTANCE

Request must be an email / contact to: **Jesse Benjamin** (benjaminj@spc.int) and a copy to **Solomone Fifita** (SolomoneF@spc.int) indicating interest and need for support.

Further enquiries should be directed to the contacts mentioned above.



Pacific Centre for Renewable Energy and Energy Efficiency

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

PCREEE EV Readiness Programme

PEV ReadPro

solar powered *Tuk Tuk*
Developed and operated in cooperation with:



Contact Details



PCREEE Secretariat
Top Floor O.G. Sanft's Building,
Nuku'alofa, Tonga



info@pcreee.org



www.pcreee.org

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Background

The Pacific Centre for Renewable Energy and Energy Efficiency (PCREEE) was established under the Pacific Community (SPC) in Nukualofa, Tonga in April 2017. Its objective is 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 greenhouse gas (GHG) emissions), by promoting renewable energy and energy efficiency investments, markets and industries in Pacific Island Countries and Territories (PICTs). Transport consumes the bulk of the region's fuel imports. Energy efficiency in the transport sector, including electric vehicles (EVs), is therefore a priority in the region's effort to promote energy security.

Since e-mobility markets in most PICTs are at infant stages and all face similar deployment barriers, a harmonized regional approach has the potential to enable efficient and equal progress through joint learning and testing.

The Fourth Pacific Regional Energy and Transport Ministers' Meeting, held from 18 to 20 September 2019, in Apia, Samoa, requested the PCREEE and the United Nations Industrial Development Organization (UNIDO) to assist PICTs in the development of a regional electric mobility (e-mobility) policy and program.

PCREEE STRATEGIC PROGRAMME AREA 2 - RE AND EE FOR SUSTAINABLE MOBILITY

Sustainable mobility offers an alternative to reduce fossil fuel dependency, increase energy security, mitigate climate change effects, and underpin the Pacific Islands' domestic economies without further harming the environment. The readiness programme aims to cover land transport only while tackling the issue of electric vehicles and other innovative solutions.

OBJECTIVE

A comprehensive e-mobility readiness programme that best prepare PICTs for their respective sustainable mobility futures.

Output 2.1 Adopted Sustainable e-mobility Policy and Regulatory Frameworks

TAs including:

- I. Support to the development of low carbon mobility targets and mandates
- II. Support to the conduct of national annual forums and meetings to develop or review regulatory frameworks and policies that consider exploring the feasibility of EVs for low carbon mobility
- III. TAs in developing a monitoring and evaluation system for EVs

Output 2.2 Adopted Standards and Guidelines

TAs including:

- I. TAs to develop standards and guidelines models - for aspects of EVs retirement, low-voltage vehicles, mobility batteries, standards for new constructions to be "EV-ready"
- II. TAs to develop other standards and guidelines models - set for other aspects of EVs including charging connectors, use of V2H and on-site management charging, e-mobility security and available options
- III. TAs to develop technical courses and introduction on EVs into school curriculum

Output 2.3 Effectiveness Awareness Raising and Promotion

- I. TAs to conduct a national social marketing research
- II. National EV awareness, information, and promotion campaign
- I. TAs to develop guidelines on EV purchase, charging, servicing and support

Output 2.4 Successful Demonstration and Upscale

- I. TAs to develop quality EV products and services system
- II. Support to the demonstrations of technologies and business services (i.e. small marine vessels, electric bus, e-mobility charging facilities and battery swapping, among others)
- III. Support to the development and installation of public charging infrastructure

HOW PEV READPRO WORKS

A. Funding

Funding for each TA will be in the range of USD 10,000 to USD 25,000 . Payments under the Programme will be made according to SPC's Procurement Policies.

B. Eligibility Criteria

- Must be a member country of SPC
- Applicants are government-registered entities
- Proposal must be on RE or EE for sustainable e-mobility eligible activities
- Demonstration of a co-financing support
- Implementation period shall not be longer than 12 months
- Compliance with national policies and standards