**Webinar to support e-mobility development in Kiribati**

**26th May 2022**

1. **Background**

**The Pacific Centre for Renewable Energy and Energy Efficiency (PCREEE)**

The 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). The PCREEE has four priority areas; (i) Renewable energy and energy efficiency start up and entrepreneurship support; (ii) Renewable energy and energy efficiency for sustainable mobility; (iii) Renewable energy mini-grid; and (iv) Energy efficiency investment.

The Pacific transport sector consumes majority of the region’s fuel imports. Energy efficiency in the transport sector, including electric vehicles (EVs), is a priority in the region’s effort to promote energy security. The Fourth Pacific Regional Energy and Transport Ministers’ Meeting, held in 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. In the PCREEE’s sustainable mobility programme, the PCREEE supports member countries in the areas of:

* Central Policy and Administration
* Standards and Guidelines
* Awareness & Promotion
* Demonstration and Upscale

**EV Development in the Pacific Region and Abroad**

On 23rd February 2022, the PCREEE organised a webinar for Pacific Island Countries to update on their EV development in the Pacific region and abroad. The webinar encouraged networking and sharing of experiences and highlighted common success Themes among countries with developed EV sectors) including:

* Having a vision of what future is wanted.
* A specific dedicated government group and a specific industry/public group responsible for developing EV sector.
* An agreed roadmap across all parties with clear targets.
* Well thought out incentives.
* Quality, dependable information and quality marketing/public management.
* Supporting policy.

**EV development in Kiribati**

The Kiribati Integrated Energy Roadmap (2015-2017) sets the nation’s renewable energy targets of 23%-100% for individual islands by 2025. One of its key priorities is in encouraging the government to lead e-mobility development by analysing and identifying the appropriate e-mobility technology for Kiribati, supported by applicable policies and incentives.

This webinar is to support the e-mobility development in Kiribati through a knowledge sharing platform. Experts from around the region who are currently implementing e-mobility development projects will be invited to share their knowledge, experiences and challenges in e-mobility technology applicability, institutional and regulatory framework, enabling environments, investments and capacity development. The webinar is expected to run for up to 2 hours and is anticipated to assist Kiribati with their current E-bus project and future e-mobility development.

1. **Aim**

The overall goal of the project is to support the e-mobility development and better prepare Kiribati for the uptake of EV.

1. **Objectives**

* To share existing policy instruments and regulation measures on e-mobility development in the Pacific
* To share current economic opportunities and anticipated challenges for investment in e-mobility in the Pacific
* To share current e-mobility technologies that may be suitable for Kiribati
* To share technical and economic experiences to allow PUB to better prepare for its EV demo project.
* To learn from the experiences and challenges around the Pacific on e-mobility projects and demonstrations.

1. **Target Outputs**

* Potential policies and institutional frameworks are identified
* Best practical and technical requirements are highlighted
* Lessons learnt from regional experiences are shared
* Appropriate business models and incentives are identified

1. **Expected Outcomes**

* Enhanced knowledge of the best integrated policy and institutional frameworks
* Enhanced knowledge of technical requirements to support e-mobility transitions
* Increased and enhanced knowledge and awareness of e-mobility good practices for Kiribati and the region
* Enhance knowledge of the practical technical and business models for EVs in Kiribati

1. **Participants**

* Department of Energy
* Ministry of Transport
* Ministry of Infrastructure
* Ministry of Environment
* Department of Customs
* Power Utility
* Power Regulator
* Car dealerships and importers

1. **Complementarity and Replicability**

This project complements the PCREEE’s Programme Area 2: RE and EE for Sustainable mobility under technical assistants to support:

* Output 2.1 – II: Conduct national annual forums and meetings to develop or review regulatory requirements
* Output 2.3 – II: National EV awareness, information, and promotion campaign

The content of this webinar will be developed based on the outcomes of the PCREEE’s webinar on EV development in the Pacific region and abroad. This webinar will include new speakers from the Pacific nations who will share their E-mobility experiences on their current projects. It is anticipated that the outcome of this webinar will be beneficial to the Kiribati government and their counterparts in advancing their initiatives for e-mobility. The content and lessons learned from this webinar will be used to enhance the content and delivery of future e-mobility webinars and trainings for Pacific nations.

1. **Details of Activity**

The training will be conducted virtually and will be hosted by the PUB of Kiribati. Due to the COVID-19 restrictions in Kiribati, the PUB will finalise the venue for local participants to attend. A zoom link will be made available for local participants that are not able to attend in person, speakers and the PCREEE team. The PUB will coordinate and facilitate the webinar with the assistance of the PCREEE team. The proposed webinar will be for 2 hours and will consist of 5 speakers from Kiribati, PCREEE, Fiji, Niue, and New Zealand. To avoid unforeseen presentation disruptions due to poor internet connections, speakers will be encouraged to submit audio/video recordings of their presentation that will be played during the webinar. All speakers will be expected to be online during the webinar, particularly to respond to questions in the Q&A sessions following their presentations.

**Tentative AGENDA**

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| Day 1 | | |
| Time & medium | **Topic** | **Detailed outline** |
| 5 min | Welcoming remarks | CEO of PUB or Mr Tiaon Aukitino |
| 5 min | Introduction | SPC/PCREEE |
| 15 min | Session-1:  **Speaker: Tiaon Aukitino** | Background to the PUB e-bus project |
| 15 min | Session-2  **Speaker: PCREEE** | SPC regional E-mobility programme and EV developments in the PICs |
| 15 min | Session-3  **Speaker: Andrew Campbell** | Global experience with the EVs |
| 15 min | Q & A Session |  |
| 15 min | Session-4  **Speaker: Katherine Cooke** | Feasibility Study on Promoting decarbonizing of Public Bus Transport in Fiji |
| 15 min | Session-5  **Speaker: AREAN Project** | Experience with EVs and e-bikes in Niue |
| 15 min | Q & A Session |  |
| 15 min | Wrapping-up |  |
|  | LUNCH |  |

1. **Budget**

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| --- | --- | --- | --- |
| **Cost Item** | **PUB (AUD)** | **PCREEE**  **(AUD)** | **Comments** |
| Catering |  | $2,500 | PCREEE can cover the catering but will need at least two weeks to prepare financial requirements. |
| Venue | $1,500 |  |  |
| Facilities | $1,500 |  |  |
| **Total** | $5,500 |  |  |

**Total: AU$ 5,500**

1. **Contacts**

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1. **References**

Outcome Report - Webinar on EV Development in the Pacific Region and Abroad [Webinar on EV Developments in the Pacific Region and Abroad | PCREEE](https://pcreee.org/event/webinar-ev-developments-pacific-region-and-abroad)

Draft EV Charging Guidelines for PICs: [Proposed Charging Guideline for PICs | PCREEE](https://pcreee.org/document/pcreee-regional-program-promote-electric-vehicle-markets-pacific-island-countries-and)