

Workshop on Sustainable Electricity Access in Pacific Island Countries: From Targets to Implementation

29th-30th August 2019 – Pacific Harbour, Fiji

By Invitation

Pacific Island nations have ambitious renewable energy targets, and have been making significant recent progress towards these goals. There are, however, a number of challenges arising, both in serving remote dispersed off-grid end-users, and as variable renewable energy (VRE) penetration levels increase on what are often relatively small grids.

UNSW Institute for Global Development, the Australian Renewable Energy Agency's Knowledge Sharing Program (Mission Innovation Challenge 2) and Clean Energy Solutions Centre have provided funding for UNSW, USP and partners CSIRO, ITP Renewables and GSES to engage with stakeholders to map out goals and progress towards high RE targets in Pacific Island countries and identify key challenges and opportunities to support the transition from assessment and planning to implementing effective solutions.

With a diverse range of projects, country contexts and challenges, standardization of designs and solutions has been challenging to date, while many capacity building and planning efforts have remained project-based.

The aim of the workshop is to identify and kickstart a set of promising collaborative initiatives for regional approaches, standardisation and scaling up. Particular areas of focus include the following areas:

- Training and Capacity Building
- Grid Integration of RE
- Utility management with high RE penetration
- Role for the Private Sector
- Off-grid access
- EE and other distributed energy resources
- Electrifying transportation
- Opportunities for collaboration and support for such initiatives.



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Workshop Participants

Karunesh Rao	EFL, Fiji
Pesalili Tohi	Tonga Power
Tiaon Aukitino	Kiribati Public Utilities Board
Mr Mafalu Lotolua	Tuvalu Electricity Corporation
Mairawesi Pulayasi	PNG Power Limited
Jay Prasad	Solomon Power
Andrew Daka	Pacific Power Association
Vanda Faaso Chan-Ting	Ministry of Natural Resources & Environment, Samoa
Mikaele Belena	Department of Energy, Fiji
Rebecca Kiagi	Department of ICT & Energy, PNG
Vore Vove	Department of ICT & Energy, PNG
Alu Alu	Department of ICT & Energy, PNG
Channen Kumalau	Department of ICT & Energy, PNG
Matthew Tasale	Department of Energy, Vanuatu
Matthew Keighley	Clean Energy Solutions Centre
Vickie Healey	Clean Energy Solutions Centre
Ulaiasi Colaiwau Butukoro	GGGI
Peter Johnston	ADB/PRIF consultant for review of Pacific regional energy framework
Tatafu Moeaki	ADB
Helen Hawke	Department of Environment and Energy, Australia / International Solar Alliance
Thomas Jensen	UNDP
Gavin Pereira	GIZ
Kamleshwar Khelawan	World Bank
Frank Vukikomoala	SPC (Pacific Community)
Jane Romero	Pacific Region Infrastructure Facility (PRIF)
Charles Bennett	US Embassy
Amit Singh	CBS
Bruce Clay	Sunergise
Batui	Yanuca Island community representative
Isimeli	Yanuca Island community representative
Turaga	Yanuca Island community representative
Atul Raturi	University of the South Pacific
Manu Rawali	University of PNG / UNSW
Iain MacGill	UNSW
Anna Bruce	UNSW
Jose Bilbao	UNSW
Renate Egan	UNSW / Solar Analytics
James Hazelton	ITP Renewables
Julia McDonald	ITP Renewables
Clara Mazzone	ITP Renewables
Sandip Kumar	GSES
Saad Sayeef	CSIRO
Brian Spak	CSIRO

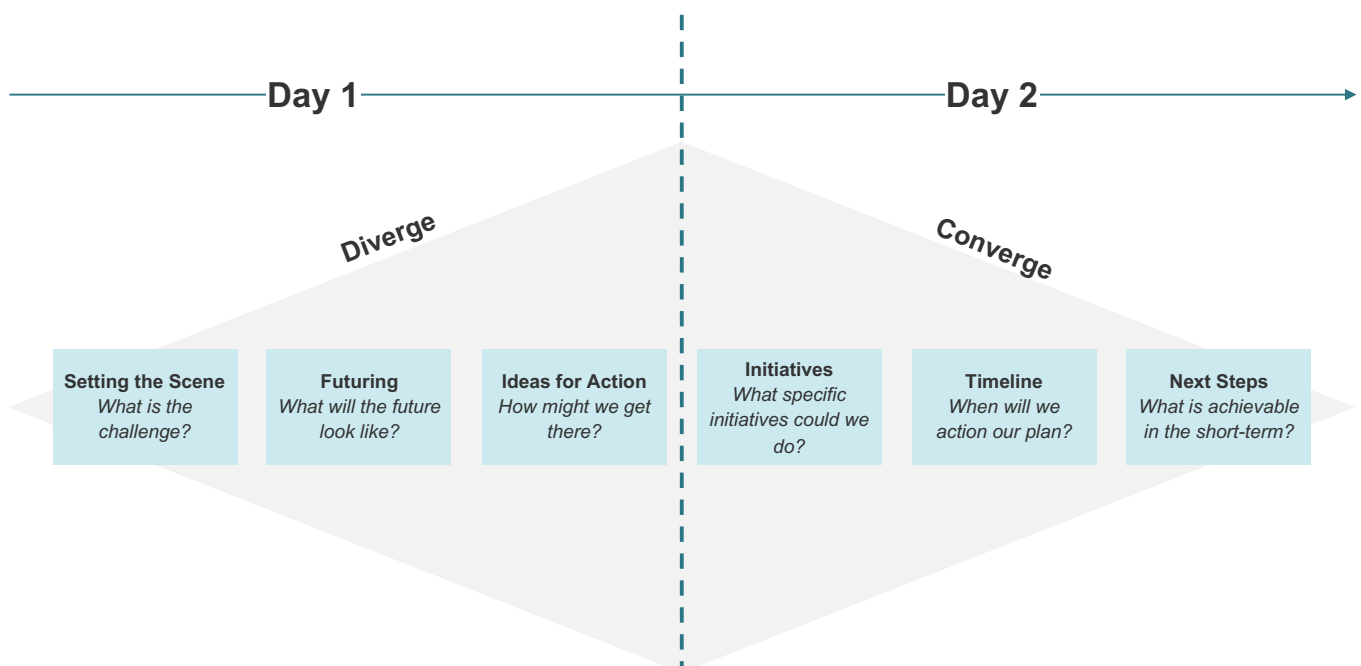
Process for the Workshop

Objectives for Day 1:

- Create a vision for the future
- Understand where each country is at, and how energy may help broader SDG objectives for each country
- Explore different regional initiatives that may deliver the vision for the future, and resources available through development partners

Objectives for Day 2:

- Define a set of promising collaborative initiatives for regional approaches, standardisation and scaling up
- Roadmap and kickstart initiatives and collaborations



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Day 1

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8:40	Welcome	Participants arrive, welcome and introductions
9:30	Design Thinking	Introducing design thinking as a technique to drive collaboration, innovation and action
10:00	Setting the scene	Country status presentations from regional government and utilities
11.00	Break	Morning tea
11.20	Futuring	In terms of the SDGs, what vision are we working towards?
12.15	Steps to realise this future	What are the (energy related) step changes required to get to this future state?
1.10	Break	Lunch
2.00	Transforming those steps into action	What needs to happen in order to enable the changes required? How might we prioritise those actions?
2:40	Current Initiatives	Regional Capacity Building Initiatives James Hazelton ITP Renew. Regional Training, Skills and Capacity Building Atul Raturi USP Regional University Sandip Kumar GSES Regional Accreditation and Training Programs Andrew Daka PPA Regional Sustainable Energy Industry Development Project Frank Vukikomoala SPC Pacific Community
3.20	Where are the areas of greatest need?	What are the actions that aren't being progressed elsewhere and requiring new initiatives?
4.00	Current status/progress	Regional programs, financing and technical assistance Tatafu Moeaki ADB Thomas Jensen UNDP Gavin Pereira GIZ Kamleshwar Khelawan World Bank Ulaiasi Colaiwau Butukoro GGGI Vicky Healey CESC Helen Hawke ISA
4.45	Reflection	What have we achieved today? What are we looking forward to tomorrow?

Day 2

Objectives for Day 2:

- Define a set of promising collaborative initiatives for regional approaches, standardisation and scaling up
- Roadmap and kickstart initiatives and collaborations

8:50	Participants arrive	Gallery Walk
9.30	Welcome back	Outline of the day
9.40	Clustering	Making sense out of the diversity of ideas from Day 1
10:00	Initiatives	How might we define initiatives from our clustered actions? Facilitated by UNSW, USP, ITP Renewables, GSES and CSIRO
11:00	Break	Morning tea
11:15	Sharing	Understand the ideas across themes Facilitators share the proposed initiatives with the larger group. Participants note any improvements or contributions
12:15	Break	Lunch
1.15	Roadmapping	When will these initiatives happen?
2.00	Kick-starting	What are some specific actions/projects/collaborations that could kick/start these initiatives?
3.00	Break	Afternoon tea
3.20	Connecting	How could we share knowledge, outcomes and benefits?
4.30	Closing	
5.00	End	



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