

REGIONAL CONSULTATIVE WORKSHOP ON RENEWABLE ENERGY DEVELOPMENTS IN THE PACIFIC

Venue: Tabua Room, Hotel Novotel Suva Lami Bay, Suva, Fiji

Date: 11-13 November 2015

Part A: Global Renewable Energy Islands Network – Renewable Energy in Tourism

Background

In the Malta Communique of 2012, Ministers and other officials from 48 countries called on IRENA to establish a Global Renewable Energy Islands Network (GREIN) for pooling knowledge, sharing best practices and seeking innovative solutions for accelerated uptake of clean and cost-effective renewable energy technologies on islands, reducing their needs for costly fossil fuel. GREIN is establishing clusters of islands that wish to work together on renewable energy roadmaps, power grid integration, resource assessment, waste-to-energy systems, desalination, and applications for tourism. The tourism sector on islands represents a prime commercial opportunity for renewable energy development. Many islands have substantial tourist industries that represent over 25 percent of GDP.

Expected Outcome

Following on from the high level event in Cyprus in 2014 to discuss strategies for accelerating deployment of RE in island tourism, IRENA commissioned two studies to be undertaken in the Caribbean region to collect information on twenty case studies focussing on renewable energy applications in the tourism sector and the other study focussed on assessing the capacity of energy service companies (ESCOs) in incorporating renewable energy options in energy auditing recommendations, together with engineering design, investment options, etc. Given that the studies will be replicated in the Pacific region, IRENA will present the objectives of these studies and explore opportunities in partnerships and cooperation with island countries, hotels associations, regional institutions and development partners in accelerating RE uptake in the tourism sector.

Format and Structure

The event will focus on renewable energy solutions for island tourism in the Pacific whereby the eleven countries will each present two case studies for RE applications in its tourism sector. An overview of the Global Renewable Energy Islands Network (GREIN) and the SIDS Lighthouse Initiative will also be presented. A group discussion and mapping of strategies to overcome barriers and accelerate RE deployment in the tourism sector of the Pacific region, looking at investment, policy, partnerships and cooperation will round up and conclude the workshop and findings shared widely on GREIN to be utilized and replicated by other islands.

Participants

Pacific Island Countries and Territories, hotels with experience in RE deployment and/or interested in RE deployment, hotel associations, development partners.

WORKSHOP AGENDA

Day 1 – 11 November 2015

TIME	SESSION	FACILITATOR- PRESENTER
08:30 – 09:00	Registration	
09:00 – 09:20	Session 1: Opening Remarks - South Pacific Tourism Organization (SPTO) - International Renewable Energy Agency (IRENA)	Mr Filipe Tuisawau Gurbuz Gonul
09:20 – 10:00	Session 2: Overview IRENA's ISLANDs Initiatives - Overview of the day's program - Overview of best practices case studies and ESCOs capacity assessment in islands - Overview of SIDS Lighthouses Initiative and GREIN.	<u>Presenters</u> IRENA
10:00 – 10:30	GROUP PHOTO & MORNING TEA	
10:30 – 12:00	Session 3: Overview of RE deployment in the Pacific's tourism sector Country Presentations - 2 Business Case Studies for RE in Islands Tourism (Solar Water Heating, RE for Air Conditioning, Solar PV Systems in Islands Hotels, etc.)	<u>Facilitator</u> SPC <u>Presenters</u> Solomon Islands Vanuatu Tuvalu Tonga Palau
12:00 – 13:00	LUNCH	
13:00 – 14:30	Session 3 (cont.): Overview of RE deployment in the Pacific's tourism sector Country Presentations - 2 Business Case Studies for RE in Islands Tourism (Solar Water Heating, RE for Air Conditioning, Solar PV Systems in Islands Hotels, etc.)	<u>Facilitator</u> SPC <u>Presenters</u> Marshall Islands FSM Kiribati Palau Samoa
14:30 – 15:15	Session 4: Challenges of deploying renewable energy in the Pacific tourism sector - Project Navigator/Sustainable Marketplace Initiative/ADFD - Capacity Building for RE Developments in the Tourism Sector	<u>Facilitator</u> Tonga <u>Presenter</u> IRENA USP
15:15 – 15:30	AFTERNOON TEA	
15:30 – 16:30	Session 5: Group Discussions - Strategies to accelerate RE Deployment in the Tourism Sector - What are the key opportunities to accelerate RE development?? - What needs to be done from a policy perspective? - What is the tourism sector's perspective on mobilizing private sector investment? - What are the opportunities for partnership for regional and international cooperation?	<u>Four Groups - Facilitators</u> Opportunities - UNDP Policies - SPC Investment - ADB Cooperation – EU
16:30 – 17:00	Session 6: Presentation of the Group Discussion Outcomes Proposed Way Forward	<u>Facilitator</u> IRENA <u>Presenter</u> Four Groups
17:00 -17:15	CONCLUDING REMARKS	SPTO IRENA

Part B: Support for Geothermal Development in the Pacific

Background

The Global Geothermal Alliance (GGA) brings together partners to increase the share of geothermal energy in the global energy mix through both geothermal power generation and direct use of geothermal heat. As a global platform for improved dialogue, cooperation and coordination between geothermal industry, policy makers and geothermal stakeholders, the Alliance builds upon an accurate understanding of the investment risks associated with geothermal energy.

Through customised support to regions and countries with geothermal market potential and the exchange of insights and experience among key stakeholders in the geothermal energy value chain, the Alliance aims to foster an enabling environment to attract investments in the geothermal sector for power generation as well as for other uses of geothermal energy.

Objective

To conduct a consultative process to help identify priority areas of action towards creation of enabling conditions for promotion of geothermal development in the Pacific.

Expected Outcome

The priority areas of action identified through the consultative process that will constitute main elements of a support programme for implementation within the framework of the Global Geothermal Alliance.

Targeted Audience

Energy and mineral resources ministries, utilities, energy regulators, local and regional financing institutions, institutional investors, insurers, private sector, regional organizations

WORKSHOP AGENDA**DAY 2 – 12 November 2015**

TIME	SESSION	FACILITATOR-SPEAKER
9.00 – 9.10	Opening Statements - Secretariat of the Pacific Community (SPC) - International Renewable Energy Agency (IRENA)	Prof. Michael Peterson Gurbuz Gonul
9.10 – 9.30	Session 1: Global Geothermal Alliance and SIDS Lighthouses - The frameworks for support under GGA and SIDS Lighthouse initiatives	<u>Presenter</u> IRENA
09:30 – 10:45	Session 2: Geothermal Developments in the Pacific Overview/Summary of Geothermal Developments in the Pacific Country Presentations from the Pacific Region	<u>Facilitator</u> ADB <u>Presenters</u> SPC Fiji PNG
10:45 – 11:00	MORNING TEA	
11:00 – 12:00	Session 2 (cont.) Country Presentations from the Pacific Region	<u>Facilitator</u> PPA <u>Presenters</u> Samoa Solomon Islands Vanuatu
12.00 – 13.00	Session 3: Best Practices in Regulatory Frameworks for Geothermal Development - Examples of regulatory frameworks for geothermal development	<u>Presenter</u> IRENA
13:00 – 14:00	LUNCH	
14:00 – 15:00	Session 4: Support for the Geothermal Development in the Pacific <u>Scene Setting Presentation: The Pacific Geothermal Initiative</u>	<u>Presenter</u> IRENA
15:00 – 15:30	AFTERNOON TEA	
15:30 – 16:30	Session 4 (cont.) <u>Round Table Discussion: Priority Areas for Action for Creation Enabling Conditions to Promote Geothermal Development in the Pacific</u> - Enabling institutional structures at regional and national levels - Enabling policy and regulatory frameworks - Institutional and human capacity needs and partnerships - Access to financing	<u>Facilitator</u> SPC/ IRENA <u>Panel Members</u> Countries, development partners
16:30-17.00	Conclusions and Way Forward	IRENA SPC

Part C: Launching of Renewables Readiness Assessment Studies in the Pacific

Background

Most islands around the world today are dependent on imported fossil fuels for the majority of their energy needs, especially for transport and electricity generation. A transition to a self-sustained energy system, fueled by indigenous resources, is needed with great urgency. This is the case for almost all the Pacific islands.

The Renewables Readiness Assessment (RRA) is a methodology developed by International Renewable Energy Agency (IRENA) to initiate a national dialogue with all relevant stakeholders in order to pinpoint renewable energy drivers, comparative advantages, and areas requiring improvement, in order to determine the concerted actions needed to enable the development and scale-up of renewable energy in a studied country. IRENA has since 2012 completed RRA studies for four countries in the Pacific, including the recently published reports for Fiji, Republic of Marshall Islands (RMI) and Vanuatu.

Objectives

The event aims to, building on the RRA study results, provide an opportunity for the key stakeholders to discuss the formulation and implementation of follow-up actions at national and regional levels. More importantly, through the process, an articulated action agenda can be developed in order for the donors, the participating countries and international/regional stakeholders to follow and mobilize results for effective implementation.

Target Participants

Senior officials from the RRA countries and other countries in the region, international and regional organizations, development partners, energy experts, renewable energy developers, investors and financiers and renewable energy practitioners.

Tentative Agenda

DAY 3 – 13 November 2015		
TIME	SESSION	FACILITATOR- PRESENTER
09:00 – 09:20	Opening Remarks International Renewable Energy Agency (IRENA)	Gurbuz Gonul
	Keynote Address Minister for Local Government, Housing and Environment, Infrastructure and Transport	Hon. Parveen Kumar Bala
09:20 – 09:35	Session 2: Official Launch of Renewables Readiness Assessment Reports for Fiji, Kiribati, Marshall Islands and Vanuatu	IRENA RRA Countries
09:35 – 10:35	Session 3: Presentation of RRA Reports Presentations by RRA countries (10-minute presentation & 5-minute Q&A per RRA report)	<u>Facilitator</u> UNDP <u>Presenters</u> Fiji Kiribati Marshall Islands Vanuatu
10:35 – 11:00	MORNING TEA	
11:00 – 12:45	Session 4: Round Table Discussion on RRA Key Focus Areas <ul style="list-style-type: none"> - Presentation on Grid Integration of Renewables (IRENA) - Discussions on specific action areas <ul style="list-style-type: none"> • Policy, regulation and legislation • Renewables for rural electrification • Grid integration of renewables • Geothermal energy - Access to financing 	<u>Facilitator</u> IRENA
12:45 – 13:00	Closing Statements	IRENA SPC
13:00 – 14:00	LUNCH	
14:30 – 15:30	Case Study-Site Visit/Planet 21 Initiative – Novotel Lami Hotel (targetting PICs for tourism – Solomon Islands, Vanuatu, Tuvalu, Tonga, Palau, Samoa, Marshall Islands, Kiribati) CONCLUSION OF THE REGIONAL CONSULTATIVE WORKSHOP ON RENEWABLE ENERGY DEVELOPMENTS IN THE PACIFIC	

RRA COUNTRIES – DEVELOPMENT PARTNERS MEETING		
14:30 – 16:30	<i>Round Table Discussion for Regional and Country-Specific Actions based on RRA Outcomes</i> <u>Participants:</u> Representatives of Fiji, Kiribati, Marshall Islands and Vanuatu Development Partners (ADB, EU, GIZ, UNDP IUCN, JICA, PPA, USP, SPTO etc.) <i>(Afternoon Tea to be Served)</i>	Moderator: IRENA & SPC