

Seminar/Networking Event Description

1. Title: **Renewable Energy – Economics, Application and Legislation**
2. Organizing Institution: **Project DIREKT- USP**
3. (a) Type of Seminar (tick appropriately):
 Capacity Building Networking
- (b) Scale (tick appropriately):
 Local Regional
International
4. Location: **Communications Conference Room, USP, Laucala Bay, Suva**
5. Date(s): **16th March, 2012**
6. General objectives:
To provide participants with important information in enabling the use of solar energy, and in particular grid-connected solar PV systems in the region
7. Specific objectives:
To elaborate on the economics of PV systems both grid connected and stand-alone systems
To compare grid connected PV system costs with other renewable energy and energy efficiency technologies
To evaluate the policy, legislative and regulatory aspects for grid connected solar PV systems including net metering in Pacific Island Countries



8. Target group(s):
Renewable Energy businesses, Independent Power Producers, Financial institutions, Utilities, universities, donor agencies, NGO's, government departments

9. Expected results:
This workshop provided participants about the important information in enabling the use of solar energy, and in particular grid-connected solar PV systems in the region. People became aware that FEA is keen to buy electricity from grid-connected systems through net-metering. In order to sell electricity to the grid the systems had to undergo careful evaluation before they could be approved. Careful planning needs to be done about the size of the system, location, effects of harmonics on the grid and the sustainability of the installations. Participants indicated that they would like to see the establishment of a proper legislative framework for the introduction of solar PV systems into Fiji's grid system. Also participants had a better understanding of the cost of energy and payback periods of solar systems.

10. Partner institutions/organizations (if applicable): **None**

11. Agenda:

Time	Workshop Session	Speaker
9.00 – 9.30	Welcome and Opening Remarks	Dr. Atul Raturi - USP, Dr. Anirudh Singh - Project DIREKT
Session 1-Economics		
9.30– 10.00	Economics of PV systems	Mr. Shivneel Prasad - USP
10.00– 10.30	MORNING TEA	
10.30 – 11.00	PV system as a consumer product-Will you invest in it?	Dr. Sunil Kumar - USP
11.00-11.30	Discussion on economics of PV system	Participants

Session 2-Applications

11.30 – 12.30	Comparison of Grid connected PV system costs with other renewable energy and energy efficiency technologies	Ms. Katerina Syngellakis - SPC/GIZ
12.30 -1.30	LUNCH	
1.30 – 2.00	Characteristics of Grid connected PV systems in the Region	Mr. Iese Toimoana - PPA

Session 3- Legislations

2.00-2.30	Policy, Legislative and Regulatory Aspects for Grid-Connected solar PV systems including Net Metering in Pacific Island Countries	Mr. Thomas Jensen - UNDP
2.30-3.00	FEA-Utility's point of view on Grid connected PV systems	Mr. Anand Nanjangud - FEA
3.00-3.30	Afternoon Tea	
3.30-4.00	Discussion/Evaluation/Closing Remarks	Participants

12. Indicators used in evaluation:

Responses to the evaluation questionnaire