

Seminar/Networking Event Description

1. Title: **Tonga Renewable Energy and TERM workshop**

2. Organizing Institution: **Project DIREKT (Fiji) & USP-Tonga Campus**

3. (a) Type of Seminar (tick appropriately):
 Capacity Building Networking

- (b) Scale (tick appropriately):
 Local Regional International

4. Location: **USP, Nuku'alofa, Tonga**

5. Date(s): **11th to 12th April, 2012**

6. General objectives:
To provide knowledge and build capacity in the field of renewable energy for the Tongan community and to promote networking amongst the relevant renewable energy stakeholders in Tonga

7. Specific objectives:
 - **To provide basic awareness in renewable energy to the renewable energy stakeholders in Tonga**
 - **To provide information on the design and economics of solar PV systems, wind energy analysis, grid-connected PV systems and energy efficiency**
 - **To introduce and provide information to the participants about the Tonga Energy Roadmap**

- To increase networking amongst the renewable energy stakeholders in Tonga

8. Target group(s):

Various ministries and government departments in Tonga, national and international donors , Development agencies, district officers, NGO representatives, regional organizations, businesses, researchers, academics and the Tonga community.

9. Expected results:

The participants to have a better understanding of the renewable energy technologies, the softwares available to them in renewable energy, problems that they face in terms of implementation of renewable energy technologies and how various organizations and stakeholders can help in terms of achieving target set by countries to be renewable. Also ensure the participants to have a better understanding about the aims and objectives of the Tonga Energy Roadmap

10. Partner institutions/organizations (if applicable):

USP-Tonga Campus, TERM-IU

11. Agenda:

Time	Workshop Session	Speaker
Wednesday 11th April, 2012		
9.00 – 10.00	Welcome from USP Tonga, Other introductory remarks Keynote Address (Chief Guest) Honourable Lord Tu’ivakano – Prime Minister of the Kingdom of Tonga	USP Tonga
10.00– 10.20	MORNING TEA	
10.20– 11.10	A Basic RE awareness kit for decision-makers	Anirudh Singh (USP)
11.10 – 11.40	Problem solving session	Anirudh Singh (USP)
11.40-12.30	Renewable Energy software training - WAsP	Atesh Gosai (USP)

12.30 – 1.30	LUNCH	
1.30 -2.10	Stand-alone and grid-connected PV systems – simple payback period analyses	Shivneel Prasad (USP)
2.10 – 2.50	Overview of Grid connected Solar PV	Iese Toimoana (PPA)
2.50 – 3.10	Afternoon Tea	
3.10 – 3.50	Cost of Renewable in Pacific Island Countries	Katerina Syngellakis (SPC/GIZ)
3.50 – 4.30	Promoting Energy Efficiency in the Pacific	Lano Fonua (International Institute for Energy Conservation)
	Dinner/Cocktail (Davina)	TERM-IU
Thursday 12th April, 2012		
9.00 – 9.40	Background and Introduction to TERM	Hon ‘Akau’ola (TERM IU)
9.40 – 10.20	Current issues and updates on TERM	Mark Fogarty (REEP/TERM IU) & Kate Greer (REEEP)
10.20 – 10.40	MORNING TEA	
10.40 – 11.20	Regional Energy Initiatives and TERM 1	Roberto G. Aiello (Senior Energy Specialist)
11.20 – 12.00	Regional Energy Initiatives and TERM 2	Tendai Gregan (Energy Specialist, World Bank)
12.00 – 1.00	LUNCH	
1.00 – 2.00	Panel Discussion: The role of USP in Human and other capacity building for TERM (this topic is open for confirmation – other suggestions?)	USP Tonga, SPC, MoEducation, WB, ADB, and TERM IU
2.00 – 2.30	Project DIREKT – sustaining the effort	DIREKT



2.30 – 3.00	Certificates of achievement (Renewable Energy Basic Awareness)	
3.00 – 3.15	AFTERNOON TEA	
3.15 – 3.30	Closing remarks	

12. Indicators used in evaluation:

Evaluation questionnaires filled by participants