

NATIONAL CAPACITY BUILDING WORKSHOP ON CLEAN DEVELOPMENT MECHANISM (CDM) IN TONGA

The national capacity building workshop on Clean Development Mechanism (CDM) under the EC ACP CDM Capacity Building Project (hereafter referred as “project”) was held on 10th & 11th July at the Conference room, Ministry of Environment and Climate Change (MECC), Nuku’alofa. The workshop was supported and co-ordinated by MECC, Government of Tonga in collaboration with UNEP Risoe Centre (URC), Denmark. The workshop was targeted at involving all stakeholders in the process of “Capacity Building to enable CDM projects in Kingdom of Tonga”.



The workshop involved stakeholders with the most relevance to the CDM project activities in Tonga, and participants included representatives from relevant government ministries, , power utility companies and private sector. The complete list of attendees is provided in appendix 1.

This workshop aimed at developing basic CDM understanding among relevant stakeholders in the country. The two day workshop had the below agenda:

Day 1: 10 th July 2012	
Schedule	Sessions & Speakers
8:00 – 9:00	Registration
9:00 – 9:10	<i>Opening & Key Note Address</i> ‘Asipeli Palaki - Director of Environment
9:10 – 9:30	<i>Project Overview and Planned Activities</i> Dr. Srikanth Subbarao, International Consultant, New Zealand
9:30 – 10:00	<i>CDM Basics – What is CDM & How it Works</i> Prof. Atul Raturi, International Consultant, Fiji

10:00 – 10:20	<i>Morning Tea & Group Photo</i>
10:20 – 10:40	<i>Introduction to DNA – Roles & Key Issues</i> Dr. Srikanth Subbarao, International Consultant, New Zealand
10:40 – 11:15	<i>CDM Project Cycle</i> Prof. Atul Raturi, International Consultant, Fiji
11:15 – 11:45	<i>Key concepts of CDM</i> Dr. Srikanth Subbarao, International Consultant, New Zealand
11:45 – 12:15	<i>Discussions</i>
12:15 – 1:30	<i>Lunch Break</i>
1:30 – 2:00	<i>Small-scale CDM: Criteria, advantages, and status</i> Prof. Atul Raturi, International Consultant, Fiji
2:00 – 2:30	<i>New simpler rules for CDM project from Small Island States</i> Dr. Srikanth Subbarao, International Consultant, New Zealand
2:30 – 3:00	<i>CDM Project Case Studies</i> Prof. Atul Raturi, International Consultant, Fiji
3:00 – 3:15	<i>Afternoon Tea</i>
3:15 – 3:45	<i>Programmatic CDM or CDM Programme of Activities</i> Dr. Srikanth Subbarao, International Consultant, New Zealand
3:45 – 4:15	<i>Examples of CDM Programme of Activities</i> Prof. Atul Raturi, International Consultant, Fiji
4:15 – 4:45	<i>Discussions & Wrap Up</i>

Day 2: 11th July 2012	
9:00 – 9:30	<i>CDM Project viability and initiation</i> Dr. Srikanth Subbarao, International Consultant, New Zealand
9:30 – 10:00	<i>Financing CDM projects</i> Prof. Atul Raturi, International Consultant, Fiji
10:00 – 10:30	<i>Discussions</i>
10:30 – 10:45	<i>Morning Tea</i>
10:45 – 11:15	<i>CDM methodologies: main contents and their application</i> Dr. Srikanth Subbarao, International Consultant, New Zealand
11:15 – 11:45	<i>CDM Exercise</i> Prof. Atul Raturi, International Consultant, Fiji
11:45 – 12:30	<i>Draft Recommendation Report on DNA Establishment and CDM Policy Guideline for Tonga</i> Dr. Srikanth Subbarao, International Consultant, New Zealand
12:30 – 1:30	<i>Lunch Break</i>
1:30 – 2:30	<i>Voluntary Carbon Projects</i> Dr. Srikanth Subbarao, International Consultant, New Zealand

2:30 – 3:00	<i>Important web sources of information on CDM</i> Prof. Atul Raturi, International Consultant, Fiji
3:00 – 3:30	<i>Discussions & Vote of Thanks</i> ‘Asipeli Palaki – Director of Environment
3:30 – 3:45	<i>Afternoon Tea</i>

The workshop started with an inaugural session. A brief welcome speech was given by Mr. Asipeli Palaki, Director of Environment, MECC. This was followed by a brief presentation on project overview and planned activities under the project in Tonga by Dr Srikanth Subbarao, Consultant UNEP Risoe. He also shared details on work plan and progress so far.



The workshop was then followed by presentations by Dr. Srikanth Subbarao and Prof. Atul Raturi on the CDM basics & process, Introduction to DNA, CDM Project cycle and key concepts of CDM. During the presentations status of DNA in other Pacific countries was also shared with the participants. In this session participants were made familiar with Kyoto Protocol, key stakeholders involved in the CDM Project cycle and on CDM pre requisites.



During post lunch session, participants were introduced to concept of large Scale and small scale CDM Projects. The participants were then specifically taken through essential details of small scale and micro scale project activities as project activities of this scale are envisaged in the region. Some case studies of registered small-scale CDM projects were presented to the participants. The case studies included the registered Kinoya biogas CDM project in Fiji, bagasse based co-generation project in India and a small hydro power project in Armenia. A detailed discussion on baseline, additionality and monitoring aspects for the above case studies were carried out in order for the participants to get a good overview of CDM process during developing potential projects. Concept of programmatic CDM was presented and a case study was presented on Programme of Activities (PoA) for Sustainable Renewable Energy Power in Papua New Guinea (PNG).

The second day workshop started with presentations on CDM Projects viability and initiation, financing CDM projects. The presentations touched on how carbon revenue can help in improving the project returns, possible alternatives for CER monetization including upfront financing against CER's and on typical transaction costs involved. This was followed by presentation on CDM methodologies where main contents of methodology were discussed.



The CDM exercise was appreciated by the participants and received a good response. A detailed presentation was made by Dr. Srikanth Subbarao on the recommendation report developed as part of the project initiative on establishment of Designated National Authority (DNA) and CDM policy guideline in Tonga. The participants came up with several

comments and observations which were suggested to be included in the final version of the report. Later, presentation was done on basics of voluntary market and opportunities it presents to Pacific region. The session was ended by sharing links on useful sources available online on CDM. Dr. Srikanth Subbarao navigated the participants through the UNFCCC website guiding them on various sections on website.

The presentation sessions on both days were followed by question & answers and discussion session. These sessions lead to a series of questions and discussion from the participants regarding the CDM process itself, including baselines and additionality and bundling and the functions of a bundling organisation.



Some of the participants expressed that there is lack of clarity on how to undertake CDM projects and there is need for capacity building on the process. It was also expressed there is need of project developers to work in tandem with the concerned government bodies to mutually benefit from the learning by doing process. All the presentations for the workshop were shared with participants in a flash drive.

Appendix 1 – List of Attendees

EC ACP CDM CAPACITY BUILDING PROJECT

NATIONAL CAPACITY BUILDING WORKSHOP ON CLEAN DEVELOPMENT MECHANISM (CDM) IN TONGA

10TH & 11TH JULY 2012, CONFERENCE ROOM, MINISTRY OF ENVIRONMENT AND CLIMATE CHANGE, NUKU'ALOFA, TONGA

List of Participants

Sl. No.	Name	Designation & Organisation	Contact Details (Phone/email)	Signature
1	FELETI KSOLO	TERM-10 Statistician	24-749	
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