

LOCAL RURAL ELECTRIFICATION PLANNING & BUSINESS MODELS SEMINAR

Agenda

3rd to 5th August 2009
Crossroads Hotel, Lilongwe, Malawi

DAY 1 : 3 rd August 2009		
08:30	09:00	Registration
Welcome & Opening Speeches		
09:00	09:20	<u>WELCOME & INTRODUCTION</u> <i>Said M. Abdallah – UNEP Risoe-DTU</i>
09:20	09:50	<u>PRESENTATION OF THE PACEAA PROJECT</u> Presentation of the Ruo Project – Lara Bertarelli & Adrien Jacob, IED
Session 1 : Overview of Planning Approaches		
09:50	10:20	<u>OVERVIEW OF THE RURAL ELECTRIFICATION STRATEGY IN THE COUNTRY AND PLANNING METHODOLOGY FOR RURAL ELECTRIFICATION ADOPTED</u> <i>Ministry of Energy</i>
10:20	10:50	<u>OVERVIEW OF PLANNING TOOLS AND METHODOLOGIES AVAILABLE FOR RURAL ELECTRIFICATION</u> Lara Bertarelli & Adrien Jacob, IED
10:50	11:20	<i>COFFEE BREAK & Group Photo</i>
11:20	12:00	<u>OBJECTIVES OF THE TRAINING & OVERVIEW OF THE PLANNING METHODOLOGY</u> <ul style="list-style-type: none"> - Relationship between GEOSIM© & GIS - an introduction to the GIS based planning tool « GEOSIM© » - presentation of the different modules: Spatial Analyst®, Demand Analyst®, Network Options®, Distributed Energy® - applications to RE from agro-industries
12:00	13:00	<i>LUNCH</i>
Session 2 : Key Concepts of RE Planning (IED)		
13:00	13:30	<u>UNDERSTANDING GEOGRAPHICAL INFORMATION SYSTEMS (GIS)</u>
13:30	14:00	<i>Demonstration</i>
14:00	15:00	<u>IDENTIFYING AND PRIORITIZING SETTLEMENTS TO BE ELECTRIFIED :</u> Spatial Analyst© <ul style="list-style-type: none"> - maximising socio-economic impact of Electrification - cross-sectoral planning - key concepts of spatial analysis: Development Poles, hinterlands and remote areas
15:00	16:30	<i>Exercises</i>
16:30		<i>Close of Day 1</i>

Partner Organizations:



DAY 2: 4th August 2009

Session 2 (contd.) : Key Concepts of RE Planning (IED)		
09:00	10:00	LOAD FORECAST : Demand Analyst© - introduction on main families of load forecast models - presentation of a "bottom-up" model - willingness to pay assessment - socio-economic surveys
10:00	10:30	Exercises
10:30	11:00	COFFEE BREAK
11:00	12:30	LEAST-COST SIZING OF SUPPLY OPTIONS ON A GIVEN TERRITORY : Network Options© and Distributed Energy© - defining "off-grid" areas - grid expansion simulation through cost-benefit analysis - least-cost optimisation and cost structures of various decentralised energy projects (hydro, biomass, diesel) options for remote areas
12:30	13:30	LUNCH
13:30	15:00	LEAST-COST SIZING OF SUPPLY OPTIONS (contd.)
15:00	16:00	MAKING A LOCAL RURAL ELECTRIFICATION PLAN <i>A recap on the Step by step methodology</i>
16:00		Close of Day

DAY 3: 5th August 2009

Session 4 : Implementation Business Models (UNEP RISØE)		
09:00	09:30	Presentation of models
09:30	10:00	Experiences of Practical Action (Southern Africa)
10:00	10:30	COFFEE BREAK
10:30	11:15	Group Work Exercise
11:15	12:30	Exercise results and summing up
12:30	13:30	LUNCH
13:30	14:00	Panel Discussion of the Entire Seminar
14:00	14:30	Presentation of Certificates
14:30		Close of Seminar

Partner Organizations:

