

LOCAL RURAL ELECTRIFICATION PLANNING & BUSINESS MODELS SEMINAR

AGENDA

28th July 2009 to 31st July 2009
Methodist Guest House, Nairobi

DAY 1 : 28 th July 2009		
08:30	09:00	Registration
Welcome & Opening Speeches		
09:00	09:15	<u>WELCOME & OPENING</u> Peerke de Bakker, UNEP
09:15	09:30	<u>GREENING THE TEA INDUSTRY IN EAST AFRICA – AN OVERVIEW</u> Bhola Shrestha, PMO, GTIEA
09:30	09:50	<u>PRESENTATION OF THE STUDY : AGRO-INDUSTRIES AS ACTORS FOR RURAL ELECTRIFICATION</u> Presentation of the Kipchoria Project – Lara Bertarelli & Adrien Jacob, IED
09:50	10:10	<u>CASE STUDY OF THE SUGAR INDUSTRY</u> Stephen Karekezi, AFREPREN/FWD
Session 1 : Overview of Planning Approaches		
10:10	10:30	<u>OVERVIEW OF THE RURAL ELECTRIFICATION STRATEGY IN THE COUNTRY AND PLANNING METHODOLOGY FOR RURAL ELECTRIFICATION ADOPTED</u> Ng'ang'a Munyu, Rural Electrification Authority
10:30	11:00	<i>COFFEE BREAK & Group Photo</i>
11:00	11:20	<u>OVERVIEW OF PLANNING TOOLS AND METHODOLOGIES AVAILABLE FOR RURAL ELECTRIFICATION</u> Lara Bertarelli & Adrien Jacob, IED
11:20	12:30	<u>OBJECTIVES OF THE SEMINAR</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
12:30	13:30	<i>LUNCH</i>
Session 2 : Key Concepts of RE Planning (IED)		
14:00	15:30	<u>UNDERSTANDING GEOGRAPHICAL INFORMATION SYSTEMS (GIS)</u>
15:30	16:00	<i>Demonstration</i>
16:00		Close of Day 1

Partner Organizations:



DAY 2: 29th July 2009

Session 2 (contd.) : Key Concepts of RE Planning (IED)		
09:00	10:00	<u>IDENTIFYING AND PRIORITIZING SETTLEMENTS TO BE ELECTRIFIED : Spatial Analyst©</u> - maximising socio-economic impact of Electrification - cross-sectoral planning - key concepts of spatial analysis: Development Poles, hinterlands and remote areas
10:00	10:30	Questions & Answers
10:30	11:00	COFFEE BREAK
11:00	12:30	<u>Demonstration</u>
12:30	13:30	LUNCH
13:30	14:30	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
14:30	16:00	<u>Demonstration</u>
16:00		Close of Day

DAY 3: 30th July 2009

Session 2 : Key Concepts of RE Planning (IED)		
9:00	10:30	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
10:30	11:00	Questions & Answers
11:00	11:30	COFFEE BREAK
11:30	13:00	<u>Demonstration</u>
13:00	14:00	LUNCH
Session 3 : Key Concepts of RE Planning – Wrap-Up (IED)		
14:00	16:00	MAKING A LOCAL RURAL ELECTRIFICATION PLAN - A recap on the Step by step methodology
16:00		Close of Day

DAY 4: 31st July 2009

Session 4 : Implementation Business Models (UNEP RISØE)		
09:00	10:00	Presentation of models
10:00	10:30	COFFEE BREAK
10:30	11:30	Group Work Exercise
11:30	12:30	Group Work Presentations
12:30	14:00	LUNCH
14:00	15:30	Discussion and Summing Up of Models
15:30	16:00	Highlights of the Whole Seminar
16:00	16:30	Closing Remarks
16:30		Close of Seminar

Partner Organizations:

