

## LOCAL RURAL ELECTRIFICATION PLANNING & BUSINESS MODELS SEMINAR

### AGENDA

19<sup>th</sup> October 2009 to 22<sup>nd</sup> October 2009  
Ninzi Hotel, Kigali

<b>DAY 1 : 19<sup>th</sup> October 2009</b>		
08:30	09:00	<b>Registration</b>
<b>Welcome &amp; Opening Speeches</b>		
09:00	09:15	<b>Welcome &amp; Opening</b> Leonard Kassana, Greening the Tea Industry in East Africa
09:15	10:00	<a href="#"><u>Objectives of PACEAA project &amp; the seminar</u></a> Lara Bertarelli, IED
10:00	10:30	<a href="#"><u>Overview of the rural electrification strategy in the country</u></a> Yussuf Uwamahoro, MININFRA
10:30	11:00	COFFEE BREAK & Group Photo
<b>Session 1 : Overview of Planning Approaches</b>		
11:00	11:30	<a href="#"><u>Overview of planning tools and methodologies available for rural electrification</u></a> Adrien Jacob, IED
11:30	12:30	<a href="#"><u>Overview of the planning methodology</u></a> IED - 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	13:00	Questions & Answers
13:00	14:00	LUNCH
<b>Session 2 : Key Concepts of RE Planning (IED)</b>		
14:00	14:30	<a href="#"><u>Understanding geographical information systems (GIS) for planning purposes</u></a> IED
14:30	15:00	Demonstration
15:00	15:30	COFFEE BREAK
15:30	16:00	Questions and Answers
<b>16:00</b>		<b>Close of Day</b>

Funding Organizations:



**DAY 2: 20<sup>th</sup> October 2009**

**Session 2 (contd.) : Key Concepts of RE Planning (IED)**

09:00	10:00	<u>Identifying and prioritizing settlements to be electrified</u> IED
09:00	10:30	<i>Exercises (please bring your laptop if possible)</i>
10:30	11:00	<b>COFFEE BREAK</b>
11:00	12:30	<i>Exercises (please bring your laptop if possible)</i>
12:30	13:30	<b>LUNCH</b>
13:30	14:30	<u>Load Forecast</u>
14:30	16:00	<i>Exercises (please bring your laptop if possible)</i>
<b>16:00</b>		<b>Close of Day</b>

**DAY 3: 21<sup>st</sup> October 2009**

**Session 2 : Key Concepts of RE Planning (IED)**

9:00	10:00	<u>Least-cost sizing of supply options on a given territory</u> IED - 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
10:00	10:30	<i>Exercises (please bring your laptop if possible)</i>
10:30	11:00	<b>COFFEE BREAK</b>
11:00	12:30	<i>Exercises (please bring your laptop if possible)</i>
12:30	14:00	<b>LUNCH</b>

**Session 3 : Key Concepts of RE Planning – Wrap-Up (IED)**

14:00	16:00	<b>Making a local rural electrification plan</b> IED - A recap on the step by step methodology
<b>16:00</b>		<b>Close of Local Rural Electrification Planning Seminar</b>

**DAY 4: 22<sup>nd</sup> October 2009**

**Session 4 : Implementation Business Models (UNEP RISØE)**

09:00	09:15	<u>PACEAA Rwanda plans</u> Adrien Jacob, IED
09:15	10:00	<u>Presentation of business models</u> Said Abdallah, UNEP RISØE
10:10	10:30	<b>COFFEE BREAK</b>
10:30	11:15	<u>Burkina Faso Case Study</u> Ivan Nygaard, UNEP RISØE
11:15	11:45	<u>Rwanda Case Study</u> Dr Caleb King, Amahoro Energy Company
11:45	12:30	<b>Questions &amp; Answers</b>
12:30	13:30	<b>LUNCH</b>
13:30	14:15	<u>Presentation by BTC</u> Erik van Malderen, MININFRA/BTC
14:15	15:30	<b>Discussion and Summing Up of Models</b>
15:30	16:00	<b>Highlights of the Whole Seminar</b>
16:00	16:30	<b>Closing Remarks</b>
<b>16:30</b>		<b>Close of Seminar</b>

**Funding Organizations:**

