

## **IRENA-ECREEE Energy Planning Capacity-Building Programme**

In collaboration with the International Atomic Energy Agency and  
United Nations Framework Convention on Climate Change

**Face-to-Face Training Course 1**  
**[7 – 11 December, 2015, Dakar, Senegal]**

### AGENDA

**MONDAY, 7TH DECEMBER 2015**

9:00 – 9:30	<a href="#">Welcome and programme overview</a>	Asami Miketa (IRENA) Hyachinth Elayo (ECREEE)
9:30-9:45	Self-introduction of the participants	All
9:45 – 10:45	<b>Country Reference Energy System (RES) presentation</b> Each country present thier RES (Exercise 1) – 15 minutes of presentation followed by 15 minutes of discussion per country	Country 1 -2
10:45 – 11:00	Coffee break	
11:00 – 12:30	<b>Country RES presentation (Cond.)</b>	Country 3 - 5
12:30 – 13:30	Lunch	
13:30 – 15:00	<b>Country RES presentation (Cond.)</b>	Country 6 - 8
15:00 – 15:30	Coffee break	
15:30 – 17:00	<b>Country RES presentation (Cond.)</b>	Country 9 - 11

TUESDAY, 8TH DECEMBER 2015

9:00 – 10:30	<b>SPLAT-W model applications – scenario development</b> <ul style="list-style-type: none"> <li>• <a href="#">Introductory presentation on SPLAT model applications</a></li> <li>• Defining scenarios – group discussion</li> <li>• <a href="#">Demonstration of scenario development</a></li> <li>• Group work</li> </ul>	<p>Presentation by Asami</p> <p>Moderated by Mario Tot (IAEA)</p> <p>Demonstration by Bruno Merven (UCT/IRENA)</p> <p>Group work by everyone</p>
10:30 – 10:45	Coffee break	
10:45 – 12:30	<b>Scenario comparison</b> <ul style="list-style-type: none"> <li>• Demonstration of scenario comparison (country example)</li> <li>• Group work</li> </ul>	<p>Demonstration by Bruno</p> <p>Group work by everyone</p>
12:30 – 13:30	Lunch	
13:30 – 15:00	<b>Comparison with the WAPP master plan</b> <ul style="list-style-type: none"> <li>• <a href="#">Introductory presentation</a></li> <li>• Group work: continue with scenario comparison</li> </ul>	<p>Presentation by Asami</p> <p>Group work by everyone</p>
15:00 – 15:30	Coffee break	
15:30 – 16:00	<a href="#">Political context of scenario development – NREAP/SE4ALL AA</a>	Intervention by Elayo
16:00 – 17:30	<b>Group discussion on findings from the scenario comparison</b> <ul style="list-style-type: none"> <li>• Short country presentations on the findings</li> <li>• Defining the goal of the programme: defining the country scenarios</li> </ul>	<p>Group discussion by everyone</p> <p>Moderated by Mario</p>

WEDNESDAY, 9TH DECEMBER 2015

9:00 – 9:30	<b>Demonstration on how the SPLAT model data is organized</b>	Demonstration by Bruno
9:30 – 10:45	<b>Updating demand in SPLAT-W</b> <ul style="list-style-type: none"> <li>• <a href="#">Introductory presentation and group discussion on the demand projection</a></li> <li>• Demonstration of demand updates in SPLAT-W</li> <li>• Group work</li> </ul>	Presentation by Asami Demonstration by Bruno Group work by everyone
10:45 – 11:00	Coffee break	
11:00 – 12:30	<b>Updating technologies in SPLAT-W</b> <ul style="list-style-type: none"> <li>• <a href="#">Introductory presentation on generation technologies in SPLAT-W</a></li> <li>• Demonstration of technology data updates</li> <li>• Group work</li> </ul>	Presentation by Asami Demonstration by Bruno Group work by everyone
12:30 – 13:30	Lunch	
13:30 – 15:30	<b>Model update – Group work continued</b>	Group work by everyone
15:30 – 16:00	Coffee break	
16:00 – 17:00	<a href="#">Advanced topic (optional)</a> <ul style="list-style-type: none"> <li>• Load region definition</li> <li>• Load profile</li> <li>• RE supply profile</li> </ul>	Presentation by Mario

THURSDAY, 10TH DECEMBER 2015

9:00 – 10:30	<b>Discussion on preparation towards 2nd Dakar course</b> <ul style="list-style-type: none"> <li>• <a href="#">Description of home assignments</a></li> <li>• Review of the progress of each country team</li> </ul>	Description given by Asami Review moderated by Mario
10:30 – 10:45	Coffee break	
10:45 – 12:30	<b>Group work continued</b> <ul style="list-style-type: none"> <li>• Model update</li> <li>• Scenario definition and development</li> <li>• Scenario comparison</li> </ul>	

	<ul style="list-style-type: none"> <li>• Definition of the next steps and develop preparation plans towards 2nd Dakar course</li> </ul>	
12:30 – 13:30	Lunch	
13:30 – 15:30	<b>Group work continued</b>	
15:30 – 16:00	Coffee break	
16:00 – 17:30	<b>Discussion on energy planning in West Africa</b> <ul style="list-style-type: none"> <li>• ECREEE led NREAP/SE4ALL AA</li> <li>• <a href="#">Support offered by the IAEA</a></li> <li>• <a href="#">IRENA's RE programmes</a></li> <li>• Preparation towards 2nd Dakar course / feedback on the Programme</li> <li>• Introduction to UNFCCC session</li> </ul>	Elayo Mario Asami Interventions by all participants

#### FRIDAY, 11TH DECEMBER 2015

9:00 – 10:30	<b>Welcome remarks and Introductions to the UNFCCC session</b>	
	<b>Overview of UNFCCC/WADB/RCC activities</b>	
	<b>Clean Development Mechanism (CDM) and Standardized Baseline (SB) framework</b>	
	<b>Role of the GEF in the context of CDM and beyond (NAMA, Result based finance)</b>	
10:30 – 10:45	Coffee break	
10:45 – 12:30	<b>Grid Emissions Factor (GEF)</b> <ul style="list-style-type: none"> <li>• GEF tool – basic concepts and principles</li> <li>• Key data/information required for GEF calculation and QA/QC</li> <li>• Procedural development of the GEF/Timelines/approval process</li> </ul>	
	<b>GEF calculation demonstration</b>	
12:30 – 13:30	Lunch	
13:30 – 15:30	<b>GEF calculation exercises</b> Based on the following documents, to be downloaded:	

	<ul style="list-style-type: none"> <li>• Raw data based on the Southern African Power Pool electricity system: "SAPP raw data.xlsx"</li> <li>• GEF calculation template: "GEF_template_Dakar_workshop.xlsx"</li> </ul>	
15:30 – 16:00	Coffee break	
16:00 – 17:30	<b>Discussion and Resolutions</b>	
	<b>Wrap up and closure</b>	