



Concept Note

Multi-Thematic Workshop on the Development of the Regional Efficient Lighting Strategy in ECOWAS

Jointly organized by ECREEE and UNEP with support from Club ER

Date: 2 – 3 July, 2013

**Location: Hotel des Almadies
Dakar, Senegal**



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Geographic scope	15 ECOWAS Countries: Benin, Burkina Faso, Cape Verde, Gambia, Ghana, Guinea, Guinea-Bissau, Ivory Coast, Liberia, Mali, Niger, Nigeria, Senegal, Sierra Leone, Togo
Participants	<ul style="list-style-type: none"> - ECOWAS working groups: <ul style="list-style-type: none"> o Minimum Energy Performance Standards (MEPS) o Monitoring, Verification and Enforcement (MVE) o Supporting policies o Environmentally Sound Management (ESM) - ECOWAS Rural Electrification Agencies' representatives - ECOWAS electricity distribution companies - ECREEE's institutional partners, including SEAD/CLASP, SEEA-WA, UEMOA - UNEP's institutional partners, including Lighting Africa/World Bank, Global Off-Grid Lighting Association and the Global Efficient Lighting Center - Technical experts and resource speakers as relevant
Location	Dakar, Senegal – Hotel des Almadies
Proposed Dates	2-3 July 2013

Background and Rationale

- The ECOWAS Center for Renewable Energy and Energy Efficiency (ECREEE) as the leading organization in the field of renewable energy and energy efficiency in West Africa, aspires to contribute to the sustainable economic, social and environmental development of West Africa by improving access to modern, reliable and affordable energy services, energy security and reduction of negative environmental externalities of the energy system. ECREEE participates in the elimination of inefficient lamps through the ECOWAS initiative on efficient lighting.
- The United Nations Environment Programme (UNEP) en.lighten initiative addresses the challenge of accelerating global market transformation to environmentally sustainable lighting technologies by providing technical support for the phase-out of inefficient lighting. This will shrink global greenhouse gasses (GHGs) emissions attributable to the lighting sector and reduce mercury released from coal combustion.
- In consideration that increased efficiency in the use of energy is a fundamental component of achieving the "Sustainable Energy for All (SE4ALL)" objectives in the ECOWAS region, ECOWAS has launched an initiative on energy-efficient lighting, as one of its priority initiatives in the implementation of the ECOWAS policy on Energy Efficiency adopted in Accra, Ghana in October 2012.
- A kick-off meeting of the energy-efficient lighting initiative was held in Ouagadougou, Burkina Faso on April 22, 2013. It brought together delegates from the Ministries of Energy of the ECOWAS region as well as representatives from standards organizations, along with international lighting experts. Participants agreed on a roadmap for the development of

the regional efficient-lighting strategy and initiated working discussions on the establishment of regional Minimum Energy Performance Standards for lighting (MEPS)

- The achievement of a permanent and sustainable transition to efficient lighting in ECOWAS countries is dependent on the development and implementation of national and regional efficient lighting strategies with an integrated policy approach, which incorporates global best practices. The integrated policy approach ensures that all pertinent policy aspects related to energy efficient lighting are considered in the development of the strategy. This includes four strategic priorities:
 - Minimum energy performance standards,
 - Complementary policies and other supporting mechanisms,
 - Monitoring, verification and enforcement,
 - Environmentally sound management of lighting products.

Objectives

- Contribute to the development of a regionally coordinated strategy for the transition to efficient lighting, both grid and off-grid, in ECOWAS enabling the region to meet the 2016-2020 target of phasing out inefficient lighting technologies: development of priority actions, objectives, and timelines for implementation; responsibilities; expected outcomes; and, financial resource considerations;
- Share the respective results of online/phone preparatory meetings with each of the working groups;
- Further the advancement of the working groups on the four components of the integrated policy approach (with consideration of grid and off-grid aspects), which will allow for elaboration of the first draft of the regional strategy;
- Learn from the countries that have made significant headway, bring up to speed those countries that have just begun;
- Raise awareness of working groups members on the different technical and evidence-based options available internationally and regionally;
- Familiarize countries with different saving opportunities and potential returns on investment for the region;
- Develop a roadmap and the way forward for the strategy development and the functioning of the working groups.

Expected results

- Workshop participants develop the first draft of a comprehensive, accurate and coordinated Regional Grid and Off-Grid Efficient Lighting Strategy document;
- Participants share their respective expertise and perspectives to the Regional Strategy;
- Understanding of Policy makers in all 15 countries is enhanced on the importance of accelerating the transition to efficient lighting technologies;
- Draft proposal by each working group with next steps and recommendations.

Draft Agenda

Day 1: Tuesday 2nd July, 2013	
Opening plenary	
08:30	Registration
9:00-9:30	<ul style="list-style-type: none"> - Welcome and Opening Speech <ul style="list-style-type: none"> ▪ Ms. Olola VIEYRA, UNEP ▪ Mr. Mahama KAPPIAH, Executive Director, ECREEE ▪ Mr. the Minister of Energy and Mines, Senegal - Election of workshop Chairman & Rapporteurs - Adoption of Agenda
Session 1 : Off-Grid Lighting – Chaired by Mr. Ibrahima Niane, National Director of Energy, Senegal	
9:30-10:45	<ul style="list-style-type: none"> - Introduction to the en.lighten activities in ECOWAS and off-grid lighting promotion in the region <ul style="list-style-type: none"> ▪ Presented by Zura Nukusheva, UNEP - Existing approaches and potential policies to promote efficient off-grid lighting technologies in ECOWAS region <ul style="list-style-type: none"> ▪ Leo Blyth, IFC/WB Lighting Africa initiative ▪ Steve Andrews, Chief Executive SolarAid&SunnyMoney ▪ Challapalli Venkateswara Rao, Prakruthi Power ▪ Q&A session
10:45– 11:00	Family Photo and Coffee break
Session 2: Brainstorming session – Chaired by Mr. Ibrahima Niane, National Director of Energy, Senegal	
11:00 – 12:00	<ul style="list-style-type: none"> - Policies to promote efficient off-grid lighting technologies with representatives from rural electrification agencies <ul style="list-style-type: none"> ▪ All – with guidance by Zura Nukusheva, UNEP
12:00-12:30	<ul style="list-style-type: none"> - Wrap-up – Presented by Zura Nukusheva, UNEP <ul style="list-style-type: none"> ▪ Summary of meeting conclusions and recommendations ▪ Distribution of the participants to the working groups
12:30– 13:30	Lunch break
Session 3: Development of Regional Efficient Lighting Strategy – Chaired by Mr. Ibrahima Niane, National Director of Energy, Senegal	
13:30-14:30	<ul style="list-style-type: none"> - Recap of outcomes of October and April Inception workshop <ul style="list-style-type: none"> ▪ Presented by Ibrahim Soumaila, ECREEE - Presentation of the regional status report and feedback from the audience <ul style="list-style-type: none"> ▪ Presented by Dr. Essel Ben Hagan, UNEP - Presentation of outcomes of the working group preparation meetings: <ul style="list-style-type: none"> ▪ MEPS – Presented by Mr. Mbacké Niang ▪ SPM - presented by Mr. Kofi-Adu AGYARKO

	<ul style="list-style-type: none"> ▪ MVE - Presented by Mr. Constant BOKA ▪ ESM - Presented by Mr. Etiosa Uyigue <p>- Discussions</p>			
14:45 – 15:45	Part 1: Breakout groups- Expert presentations followed by Q&A			
	<p>Breakout Group: MEPS</p> <ul style="list-style-type: none"> - Chaired by Mr. Mbacké Niang - Comparative overview of existing MEPS by Michael Scholand, UNEP - Respective impact on technology availability on ECOWAS market by Irene Klein and Xu X. Liu, Philips lighting - Q&A session 	<p>Breakout Group: Supporting policies</p> <ul style="list-style-type: none"> - Chaired by Mr. Kofi-Adu AGYARKO - Communication & Financial mechanisms by Benoit Lebot, UNDP - CFL distribution by Francois besson ENERCAP - Q&A session 	<p>Breakout Group: MVE</p> <ul style="list-style-type: none"> - Chaired by Mr. Constant BOKA - Toolkit-type overview by Dr. Essel Ben Hagan, UNEP - Laboratory capacity development by Mrs Qian Liu, GELC - Q&A session 	<p>Breakout Group: ESM</p> <ul style="list-style-type: none"> - Chaired by Mr. Etiosa Uyigue - Toolkit-type overview by Zura Nukusheva, UNEP - Experience in establishing simple ESM systems in least developed countries and big urban areas by Andrew Brookie, Philips lighting - Q&A session
15:45-16:00	Coffee break			
16:00 – 18:00	Part 2: Breakout groups - Brainstorming session			
	<p>Breakout Group: MEPS</p> <ul style="list-style-type: none"> - Chaired by Mr. Mbacké Niang - Rapporteur Michael Scholand, UNEP 	<p>Breakout Group: Supporting policies</p> <ul style="list-style-type: none"> - Chaired by Mr. Kofi-Adu AGYARKO - Rapporteur Olola Vieyra, UNEP 	<p>Breakout Group: MVE</p> <ul style="list-style-type: none"> - Chaired by Mr. Constant BOKA - Rapporteur Dr. Essel Ben Hagan, UNEP 	<p>Breakout Group: ESM</p> <ul style="list-style-type: none"> - Chaired by Mr. Etiosa Uyigue - Rapporteur Zura Nukusheva, UNEP
End of day 1				

Day 2: Wednesday 3rd July, 2013				
Development of Regional Efficient Lighting Strategy (continued)				
9:00 – 12:30 Including coffee	Part 3: Breakout groups –Finalization of draft working documents			
	Breakout Group:	Breakout Group:	Breakout Group:	Breakout Group:

break from 10:30 - 10:45	MEPS - Chaired by Mr. Mbacké Niang	Supporting policies - Chaired by Mr. Kofi-Adu AGYARKO	MVE - Chaired by Mr. Constant BOKA	ESM - Chaired by Mr. Etiosa Uyigue
12:30– 13:30	Lunch break			
13:30 – 15:15	Presentation of Working group action plans – Chaired by Mr. Ibrahima Niane, National Director of Energy, Senegal <ul style="list-style-type: none"> ▪ MEPS – presented by Mr. Mbacké Niang ▪ SPM - presented by Mr. Kofi-Adu AGYARKO ▪ MVE - Presented by Mr. Constant BOKA ▪ ESM - Presented by Mr. Etiosa Uyigue ▪ Recommendations/synthesis - Dr. Essel Ben Hagan, UNEP - Q&A session			
15:15 – 15:30	Coffee Break			
Closing Plenary – Chaired by Mr. Ibrahima Niane, National Director of Energy, Senegal				
15:30 -17:00	<ul style="list-style-type: none"> - Discussion on way forward and path to the Global Forum – Presented by Olola Vieyra, UNEP - Draft workshop report, presented by General reporter (TBC) - Closing remarks - by Senegal 			
End of workshop				