

Towards Sustainable Energy



# ECOWAS Energy Efficiency Standards and Labelling Initiative

Ms Karin Reiss, Ecowas Centre for Renewable  
Energy and Energy Efficiency (ECREEE)



# BACKGROUND: ECOWAS RE&EE POLICIES

- “ **ECOWAS Renewable Energy Policy (EREP) and ECOWAS Energy Efficiency Policy (EEEP) developed with support of UNIDO, EU, Austria, Spain and GEF**
- “ **Validated by ECOWAS Experts Group Meeting, June 2012, Dakar**
- “ **Adopted by ECOWAS Energy Ministers during the High-Level Energy Forum, Oct 2012, Accra**
- “ **Considered and adopted by the ECOWAS Council of Ministers, June 2013, Abidjan**
- “ **Adopted by the ECOWAS Authority of Heads of State and Government, July 2013, Abuja**
- “ **Start of implementation process on national levels**



# THE ECOWAS EE POLICY TARGETS

**The overall objective of regional policy by 2020** is to improve energy efficiency in the ECOWAS Regions to levels of international standard.

**The specific target of the regional policy is to implement energy efficiency measures that free-up are 2.000 MW of power generation capacity by 2020:**

- “ phase out inefficient incandescent lamps by 2020;
- “ reduce losses in electricity distribution, from the current range of 15% to 40%, to under 10% by 2020;
- “ achieve universal access to safe, clean, affordable, efficient and sustainable cooking for the entire population of ECOWAS, by 2030;
- “ **establish an ECOWAS Technical Committee for Energy Efficiency Standards and Labelling, and adopt initial region-wide standards and labels for major energy equipment by end 2014;**
- “ develop and adopt region-wide efficiency standards for buildings (e.g. building codes);
- “ create instruments for financing sustainable energy, including carbon finance, by the end of 2013, and in the longer term, establish a regional fund for the development and implementation of sustainable energy projects;

# ACTION PLAN FOR IMPLEMENTATION OF THE EE POLICY

## EE Flagship Initiatives

Several Flagship initiatives have been launched on the implementation of the EE policy

- “ ECOWAS Initiative on Efficient Lighting
- “ ECOWAS Initiative on Achieving High Performance Distribution of Electricity
- “ ECOWAS Initiative on Safe, Sustainable and Affordable Cooking (WACCA)
- “ **ECOWAS Initiative on Standards and Labelling for energy equipment.**
- “ ECOWAS Initiative on energy efficiency in buildings.
- “ ECOWAS Initiative on Financing sustainable energy






# THE ENERGY EFFICIENCY PROGRAM - THE SEEA-WA PROJECT

- “ Managed by ECREEE
- “ Technical support of the Austrian Energy Agency (AEA), AERE, European Copper Alliance, ENDA and ENERGIA
- “ Funded by the ACP-EU Energy Facility, with co-funding from ADEME and UNDP








# Energy Efficiency Standards and Labels

-  Powerful tool for market transformation
-  Labels empower consumers to make informed choices when purchasing electrical products
-  Standards make sure that products coming into the market comply with a minimum efficiency level

# Energy Efficiency Standards and Labels



## THE BENEFITS

-  Mitigation of peak loads and related costs from power cuts and load shedding
-  Decrease capital investment needs
-  Reduction in the fossil fuel consumption in existing power plants and related emissions
-  Savings in the electricity bills of final consumers
-  Creation of a regional market for efficient equipment

[www.ecreee.org](http://www.ecreee.org)








# REGIONAL COOPERATION

-  Standards and labelling can be best implemented through a coordinated approach across ECOWAS member states
-  Standards and labels can only be effective if they are adopted by all ECOWAS member states





# ECOWAS S&L initiative: Main components

-  Regional cooperation on the development of ECOWAS regional standards and labels for energy efficient equipment
-  Regional approach on product efficiency rating systems and on the definition of multiple tiers of product performance
-  Regional cooperation on standardized testing and certification of equipment to verify performance and accuracy of labelling
-  Awareness raising for national authorities, manufacturers and the general public
-  Capacity building of main stakeholders and training and qualification of staff

# Initial Activities

- 🇳🇬 Establishment of a Standards and Labelling Technical Committee (SLTC)
- 🇳🇬 Development of EE Standards for Lighting in the frame of the ECOWAS EE Lighting initiative (in collaboration with UNEP en.lighten)
- 🇳🇬 Institutional and Framework Assessment
  - 🇳🇬 to evaluate the policy, legislation and regulatory frameworks governing EE and EE S&L for electrical appliances; and
  - 🇳🇬 To perform an analysis of the key regional and national institutionsq institutional capacities for establishing, monitoring and ensuring compliance with a regional policy on appliance S&L.



[www.ecreee.org](http://www.ecreee.org)



# Information will be published at the ECOWAS OBSERVATORY FOR RE&EE

Executed under the GEF Strategic Program for West Africa (SPWA)

- “ RE&EE market data for investors and developers
- “ GIS Maps on RE potentials, and other planning data ( e.g. lines, roads, existing and planned stations and systems)
- “ Ongoing Initiatives (e.g. GEF, ACP-EU Facility, ECREEE)
- “ Country profiles and statistics
- “ Document library (e.g. studies, policies, project documents)

<http://www.ecowrex.org>

ECOWAS OBSERVATORY FOR RENEWABLE ENERGY AND ENERGY EFFICIENCY

ABOUT COUNTRY PROFILES MAPS ANALYSIS & TRENDS EXPLORE FEEDBACK

Interconnected data for KNOWLEDGE transfer

COUNTRY PROFILES MAPS VIEWER ANALYSIS & TRENDS

www.ecreee.org



www.ecreee.org



# Thank You! Merci! Obrigado!

## HIGH LEVEL ENERGY FORUM

# SUSTAINABLE ENERGY FOR ALL IN WEST AFRICA

Jointly organized by



Global Forum on Sustainable Energy  
GFSE - [www.gfse.at](http://www.gfse.at)



Supported by



ECREEE is the SE4ALL FOCAL INSTITUTION for West Africa



[www.ecreee.org](http://www.ecreee.org)

ECREEE