

Webinar

on

Energy Efficiency Improvements– Appliances' Market Transformation Opportunities in Africa

Date: 30th October 2024

1300 – 1500 hours (CAT)
1200 – 1400 hours (Algiers)
1100 – 1300 hours (GMT)
1000 – 1200 (Praia)

Registration Link

https://zoom.us/webinar/register/WN_-O8GpTF_TwuL5432Mi_tVw

1. Background

Access to modern energy services remains a challenge for Africa. Energy efficiency not only helps to conserve valuable resources but also mitigate the negative impacts of energy consumption on the environment associated with deforestation and greenhouse gas emissions. By investing in energy-efficient technologies, infrastructure, and policies; Africa has the potential to increase access to Energy and unlock the much-needed job opportunities along the value chain thus fostering sustainable development.

Electric appliances consume a significant amount of electricity in Africa. With the projected doubling of Africa’s population by 2050, electricity consumption and associated emissions – driven by urbanization, electrification and enhanced livelihoods, the number of appliances- are expected to grow significantly. Therefore, African countries need to prioritize energy efficiency measures as part of the sustainable development agenda and net zero emission targets.

There are many tools and technologies available to reduce electricity waste and associated emissions from lighting, appliances and equipment. The relevance of regional approaches has been long recognized by African countries and evidenced in the decisions adopted in specialized technical events and high-level ministerial forums. Large impacts can be cost-effectively realized through Minimum Energy Performance Standards (MEPS) and related interventions. Nevertheless, there are many examples of ‘de-synchronization’ with current international product norms.

In line with the African Energy Efficiency Programme the African Energy Commission (AFREC) in collaboration with UNEP’s United for Efficiency Initiative (U4E) and the Regional Centres for Renewable Energy and Energy Efficiency (RCREEE)¹ have undertaken assessments to quantify potential energy efficiency savings from an energy efficiency market transformation in the five (5) regions of Africa.

Against this background, AFREC, U4E and RCREEE are hosting a virtual webinar to demonstrate the expected energy savings potential for appliances market transformation targeting common electricity end uses - lighting, cooling appliances (refrigerators and room air conditioners), electric motors and power distribution transformers. This includes potential energy savings, electricity cost reduction for the people and environmental impacts reduction across the five regions -Northern, Southern, Eastern, Western and Central Africa based on scenarios consistent with adoption of U4E’s Model Regulation Guidelines ([available here https://united4efficiency.org/resources/model-regulation-guidelines/](https://united4efficiency.org/resources/model-regulation-guidelines/)).

¹ Regional Centre for Renewable Energy and Energy Efficiency in the Arab Region, East African Centre for Renewable Energy and Energy Efficiency, ECOWAS Centre for Renewable Energy and Energy Efficiency, Southern African Centre for Renewable Energy and Energy Efficiency and Centre for Renewable Energy and Energy Efficiency for Central Africa

2. Objectives

The overall objective of the webinar is to present the potential energy, financial and environmental savings from the adoption of energy efficiency standards in each of the five (5) regions in Africa and across the continent to catalyze concrete actions on these major opportunity areas.

Specific objectives include to build an understanding of:

- Potential energy, financial and environmental savings and additional benefits;
- Assumptions, methodology, sources of information and decision-making underpinning U4E's Regional Savings Assessment;
- Level of standards recommended for MEPS and High Energy Performance Standards and linkages with currently available tools and instruments from U4E portfolio;
- A proposed regional vision for further action informed by energy efficiency interventions already underway which can be replicated in additional countries.
- Status of the African Energy Efficiency Programme, ongoing programmes and potential areas of collaboration.

3. Target Audiences

The webinar targets decisions-makers and energy experts from government energy ministries, energy agencies, standards organizations, manufactures/importers, civil society groups involved in these areas, regional organizations (e.g.; African Union Commission, African Development Bank, United Nations Economic Commission, Regional Economic Communities), and other international organizations working on energy efficiency programmes in Africa.

4. Schedule and Format

The webinar will take place on **30th October 2024 from 11.00 – 13.00 GMT**. It will be delivered in English, French and Portuguese with simultaneous interpretation.

Webinar: Meeting the Global Energy Efficiency Target: Energy Efficiency Market Transformation in Africa

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Languages: English, Portuguese and French

Time (GMT)	Activity	Presenter	Min
11:00 -11:05 AM	Welcome and Housekeeping	Moderator: Mr. Yagouba Traore , Head of Policy Planning and Strategy, AFREC	5
11:05 -11:15 AM	Opening Remarks	Mr. Rashid Ali Abdallah , Executive Director, African Energy Commission Executive Directors RREEECs	15
11:15 -11:25 AM	Highlight of the African Energy Efficiency Programme	Mr. Nickson Bukachi , Senior Policy Officer, Renewable Energy and Energy Efficiency, AFREC	10
11:25 -11:35 AM	UNEP'S U4E introduction and ongoing work on energy efficiency and quick presentation on key tools/resources workstream.	Ms. Soledad Garcia: United for Efficiency	10
11:35 -11:45 AM	Case Studies of market transformation ongoing initiatives from different regions in Africa (EAC and SADC regional harmonization).	Mr. Mzwandile Thwala: United for Efficiency	10
11:45 -11:55 AM	Plenary (comments, remarks, reactions and additional information from participants)	Moderator: Mr. Yagouba Traore , Head of Policy Planning and Strategy, AFREC	10
11:55 -12:25 PM	Presentation of assumptions, methodology and sources of information and assessment results of the potential savings and additional benefits from the market transformation towards more EE products Northern and Central Africa, and Continental level	Mr. Saikiran Kasamsetty , United for Efficiency	30
12:25 -12:40 PM	Plenary for Questions and Answers	Moderator: Denis Ariho EACREEE, SACREEE, ECREEE, RCREEE, CACREEE Other delegates	10
12:40PM - 12:50	Introduction to Mission Efficiency	Ms. Elizabeth Chege	15
12:50 -1:00 PM	Wrapping up, conclusions and closing remarks	RCREEE and SACREEE	5