

Presentation Outline

- 1. ABOUT EELA**
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- 4. EELA INTERVENTIONS TOWARDS AN ENABLING POLICY ENVIRONMENT**



Energy Efficient Lighting and Appliances in East and Southern Africa - EELA

EELA has a transformational approach towards the development of vibrant markets where suppliers are delivering high-quality services and products for energy efficient lighting and appliances to increase awareness for households, businesses and public facilities across East and Southern Africa. EELA stimulates local manufacturing and private sector investments.

The EELA approach to change



Market incentives for the private sector to deliver efficient and high quality energy services



Minimum Energy Performance Standards (MEPS) for appliances which are harmonized in the region



Capacity building on policy and regulatory framework development, appliances testing and regulatory enforcement



Awareness raising on the benefits of adopting efficient technologies across all stakeholders



A coordinated regional effort through RECS and regional sustainable energy centres



Implemented by UNIDO with financial support from the government of Sweden



SADC EE Policy Overview

Country	Energy Policy	EE Policy Framework		
		Policy	Strategy	Action Plan
Angola	Y			
Botswana	D	Y	Y	Y
Comoros	Y	D		
DRC	Y			
Eswatini	Y	Y	Y	Y
Lesotho	Y	Y	D	D
Madagascar	Y			Y
Malawi	Y		Y	
Mauritius	R	Y	Y	Y
Mozambique	Y		D	D
Namibia	Y	D	D	
Seychelles	Y	D	D	D
South Africa	Y	Y	Y	Y
Tanzania	Y	Y	Y	D
Zambia	Y		D	D
Zimbabwe	Y	D	D	D

- **REEESAP:** At SADC Regional Level
- **REEESAP :** for EA-SA-IO developed under **ESREM**
- **Lesotho:** to convert sustainable energy action plan into EE Strategy
- **Mauritius:** 25% import levy on inefficient lamps, refrigerators, ACs, Electric Ovens, Dish washers and Tumble dryers
- **Mozambique:** Under development with EU assistance
- **Namibia:** Draft DSM policy. ToRs developed for EE Strategy
- **Zambia:** Draft available at www.moe.gov.zm/?wpfb_dl=65

D – Under Development, R – Under Revision, Y - Available: **Source REEESAP for EA-SA-IO under COMESA/ESREM Project**

SADC MEPS/Labels Outlook

Country	Lighting		Refrigerators		ACs		Washing Machines		Motors		TV		Fans		SWH	
	MEPS	Labels	MEPS	Labels	MEPS	Labels	MEPS	Labels	MEPS	Labels	MEPS	Labels	MEPS	Labels	MEPS	Labels
Angola																
Botswana	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Comoros	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
DRC	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Eswatini	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Lesotho	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Madagascar	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Malawi	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Mauritius	N	N	N	Y	N	Y	N	Y	N	N	N	N	N	N	N	N
Mozambique	Y	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N
Namibia	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Seychelles	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	Y	Y
South Africa	D	D	Y	Y	Y	Y	Y	Y	N	N	Y	Y	N	N	N	N
Tanzania	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Zambia	Y	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N
Zimbabwe	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N

D – Under Development, N – Not Available, Y - Available: **Source - Questionnaires for EE Project and Compliance Survey**

SADC MEPS/Labels Outlook

- Received grant from GCF for readiness assessment in developing MEPS for refrigerators and Distribution transformers. Countries include **Botswana, Eswatini, Lesotho, Malawi, Namibia, Tanzania, Zambia and Zimbabwe**
- **DRC:** Adopted IEC 60064 – performance requirements of tungsten filament lamps
- **Malawi:** MS 882-2012, MS883-2012 & MS884-2012
- **Mauritius:** As of 2017 Mauritius has enforced labelling for the following appliances; refrigerators, ACs, Electric ovens and dish washers (EE Act of 2011 – Mandatory labelling of regulated machinery). Online registration system for imported products for conformity checks
- **Mozambique:** Referenced standards IEC 62717, IEC 61347-2-13, ISO IEC 13273-1, IEC 60001-1:2014, IEC 60081:20116, IEC 60188:2012, IEC 60192:2011 & IEC 60598-1:2011
- NM 252:2010

SADC MEPS/Labels Outlook

- **Seychelles:** MEPS for lighting, ACs, Refrigerators, washing machines, SWH available since 2016 but on a voluntary basis
- **South Africa:** The consultation process on the final draft of the GSL EE regulations (VC9108/9110) is concluded. Awaiting ministerial approval for enactment
- **South Africa:** MEPS and Labels available for refrigerators, ACs, washing machines, dish washers, electric ovens, Audio Visuals since 2015
- **Zambia:** Adopted IEC standards for lighting and motors. (Also ban of inefficient lighting through statutory instrument)
- **Zimbabwe:** Statutory instrument 21 of 2017 – Inefficient lighting product ban and labelling regulations

EAC EE Policy Overview

- EAC member states are at different levels of development and/implementation of Energy Efficiency (EE) Policies, and regulations.
- The member states in the EAC have focused more on renewable energy policies and regulations than Energy Efficiency (EE).
- The East African Centre of Excellence for Renewable Energy and Energy Efficiency (EACREEE) is an EAC regional platform for collaborative implementation of RE & EE initiatives in the region.
- There is no regional energy efficiency policy in the EAC. EACREEE with support from EELA project is going to develop the Energy Efficiency Policy for East Africa.

EAC EE Policy Overview

Uganda

- National Development Plan III (NDP III)
- Energy Policy for Uganda 2002
- Renewable Energy Policy 2007
- Draft energy policy, October 2020
- Draft Energy efficiency and conservation bill
- Energy Efficiency Road Map for Uganda, 2017

Kenya

- Energy Act, 2019
- Energy Act, subsidiary legislation
- Kenya National Energy Efficiency and Conservation Strategy, 2020

Tanzania

- National Energy Policy, 2015
- SE4ALL Action Agenda, 2015
- National Energy Policy Implementation Draft

EAC EE Policy Overview

Rwanda

- Rwanda Energy Policy, 2015
- Rwanda National Cooling Strategy 2019
- Energy Sector Strategic Plan 2018/2019-2023/2024
- Sustainable Energy For All Action Agenda 2015
- Biomass Energy Strategy 2019-2030

Burundi

- National Development Plan 2018-2027
- Energy Letter Policy, 2011

South Sudan

- No documented energy efficiency policies in South Sudan

EAC MEPS/Labels Outlook

Country	Lighting		Refrigerators		ACs		Washing Machines		Motors		TV		Fans		SWH	
	MEPS	Labels	MEPS	Labels	MEPS	Labels	MEPS	Labels	MEPS	Labels	MEPS	Labels	MEPS	Labels	MEPS	Labels
Uganda	Y	Y	Y	Y	Y	Y	N	N	Y	Y	N	N	N	N	N	N
Kenya	Y	Y	Y	Y	Y	Y	N	N	Y	Y	N	N	N	N	N	N
Tanzania	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Rwanda	N	N	Y	Y	Y	Y	N	N	Y	Y	N	N	N	N	N	N
Burundi	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
South Sudan	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

D – Under Development, N – Not Available, R – Under Revision, Y - Available

EELA Interventions Towards an Enabling Policy Environment

- Development on MEPS for various appliances (GSL, Cooling appliances etc.)
- Development of a Monitoring, Verification and Evaluation (MV&E) Framework
- Development of a private sector intervention strategy (**Call for proposal to be launched soon**)
- Capacity building , awareness raising and private sector support actions
- Supporting development of National EE programmes
- Stakeholder engagement to raise awareness of the project and identify focal points
- Environmental Management actions
- Development of Regional EAC Energy Efficiency Policy



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LIGHTING
AND APPLIANCES**
in East and Southern Africa



JOIN US

**And HELP SWITCH ON THE POWER of
Energy Efficient Lighting and Appliances across
East and Southern Africa**



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THANK YOU

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