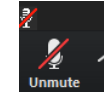
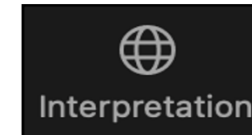


Ground Rules

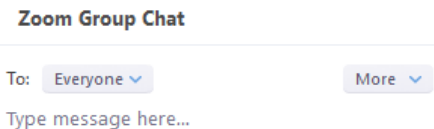
- Kindly **mute** your microphone during the presentations.
- Use the **“Raise Hand”** button in case you would like to ask a question or to add something in the conversation.



- **Interpretation is available in French and Portuguese – click the button and select**



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Virtual and interactive!

AGENDA

Moderator: Readlay Makaliki SACREEE (EELA)

Webinar Item	Name	Time (Min)	Organisation
Opening and welcome remarks	Canon Goddy M. Muhumuza	5	EACREEE
	Jessica Magnusson	5	Sida
The power of change agents in transforming markets - Introducing the EELA E-Learning Platform	Karin Reiss-Haimbala	10	UNIDO (EELA)
	& Asteria Markus		SACREEE (EELA)
Presentation of the objectives and modules of the E-Learning Platform	Dr. Peter Bennich	10	Swedish Energy Agency
	& Denis Ariho		EACREEE (EELA)
Live demonstration of the E-Learning Platform	Evita Moawad	5	UNIDO (EELA)
Introduction of the Kafue Gorge Regional Training Centre and the collaboration with the EELA project	Mpezilwe Simukoko	10	Kafue Gorge Regional Training Centre
Questions to the presenters		10	ALL
Panel Discussion: The importance of capacity building in energy efficient lighting and appliances in the EAC and SADC	Moderated by: Kristina Landfors Speakers: Kevin Nwaigwe Samson Mhlanga Melanie Slade Eileen Lara	30	Life Academy University of Botswana National University of Science and Technology - Zimbabwe International Energy Agency Centre for Research in Energy and Energy Conservation
Discussion		10	ALL
Wrap Up and Takeaways	Kuda Ndhlukula	5	SACREEE

Moderator and Speakers



Readlay Makaliki
SACREEE – Event
Moderator



**Canon Goddy M.
Muhumuza**
EACREEE - SPEAKER



Jessica Magnusson,
Sida- SPEAKER



Karin Reiss-Haimbala,
UNIDO (EELA) -
SPEAKER



Asteria Markus,
SACREEE (EELA) -
SPEAKER



Peter Bennich, SEA -
SPEAKER



Denis Ariho
EACREEE (EELA) -
SPEAKER



Evita Moawad
UNIDO (EELA) -
SPEAKER



Mpezilwe Simukoko,
KGRTC - SPEAKER



Kuda Ndhlukula
SACREEE - SPEAKER

Opening and welcoming remarks



Canon Goddy M. Muhumuza
Interim Executive Director of EACREEE

Opening and welcoming remarks



Jessica Magnusson
Senior Advisor Power Africa, Sida

The importance of change agents in transforming the markets – Introducing the EELA E-Learning Platform



**Karin Reiss-
Haimbala, UNIDO
(EELA) - SPEAKER**



**Asteria Markus,
SACREEE (EELA) -
SPEAKER**

Presentation Outline

- 1. Introduction of the EELA project and the E-learning platform**
- 2. The roles of Change Agents in the training cycle of the E-Learning Platform**
- 3. Aspired output and impact of the E-Learning training**

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

EELA project aims to develop vibrant markets where suppliers are delivering high-quality services and products for energy efficient lighting and appliances, 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



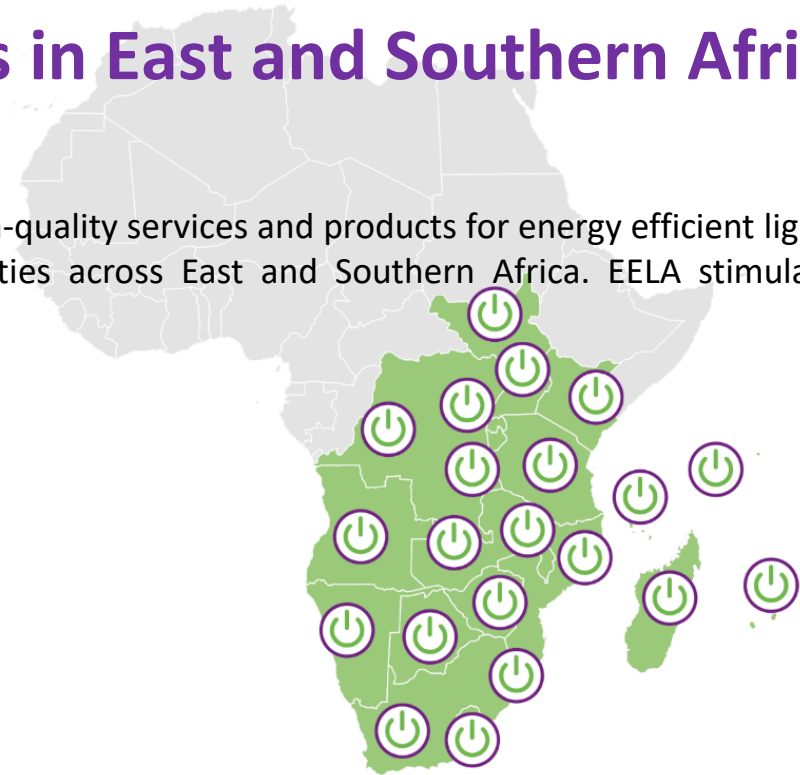
Minimum Energy Performance Standards (MEPS) for appliances which are harmonized in the region



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



Implemented by UNIDO with financial support from the government of Sweden



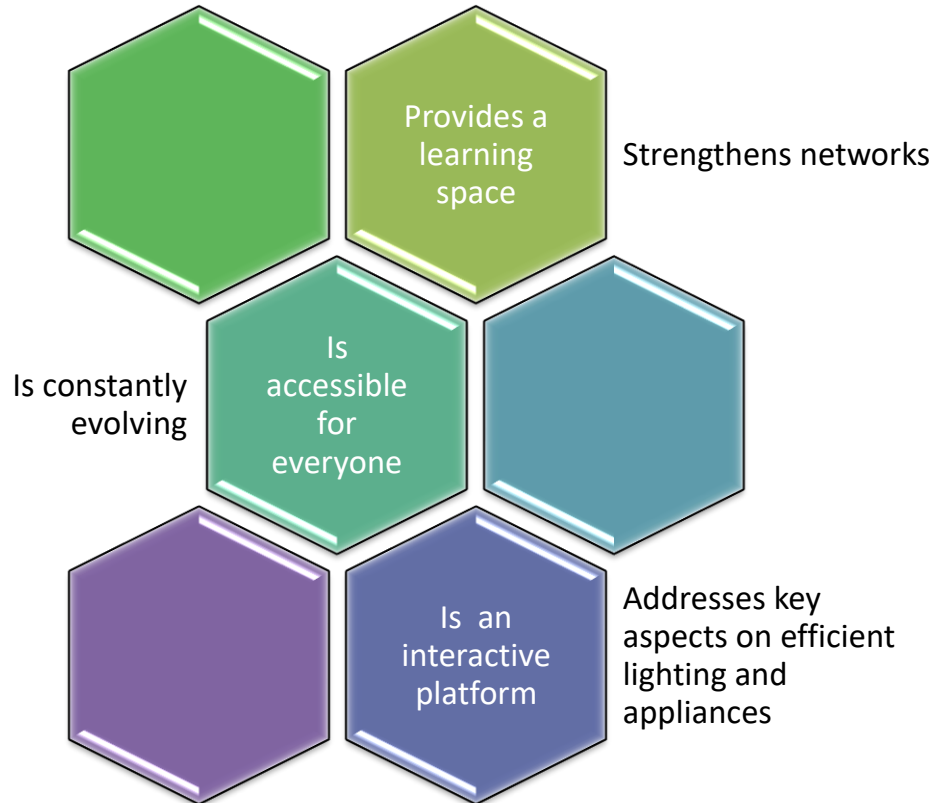
A coordinated regional effort through RECS and regional sustainable energy centres



Technical Partners



The EELA E-learning Platform

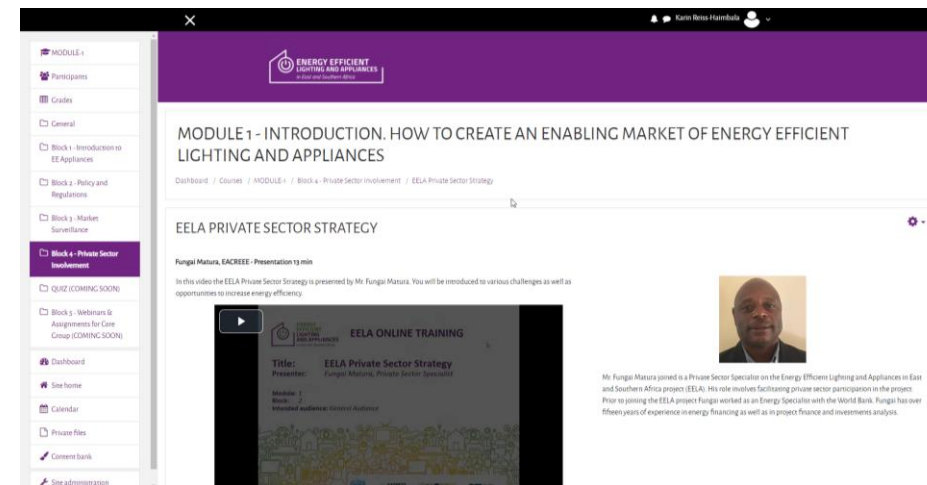


Switch it on!



Aspired output and impact of the E-Learning training

- Understand the potential for saving energy and other multiple benefits that energy efficient lighting and appliances entail.
- Understand the roles of key stakeholders in an enabling market for energy efficient lighting and appliances.
- Be familiar with the concepts of Minimum Energy Performance Standards (MEPS) and Energy Labelling.
- Understand the need for compliance to ensure the trust in the policies and the effectiveness of the market for energy efficient lighting and appliances.
- Understand how to support the development of the markets for energy efficient lighting and appliances through the Market Systems Development (MSD) approach.
- Be aware of sustainability issues related to energy efficient lighting and appliances including anti-corruption-, gender- and environmental perspectives.
- In-depth understanding of different products such as lighting, clean cooling and productive use.
- Ability to develop national projects such as policies, standards and ensure a smooth implementation.



Change Agents to achieve a market transformation

CORE GROUP

Change Agents

Policy makers, Government, Standard bodies, laboratories, Market Surveillance actors, customs bodies, etc



Regulations/Political Frameworks

Laws, regulations, standards, public guidelines, compliance frameworks, tools such as PRS, etc

OTHER MARKET PLAYERS

Change Agents

Manufacturers, importers, private and public procurers, retailers, Energy Service Companies (ESCOs), academiaConsumer organizations, etc



Value chain/supply chain

product selection, consumer choice, awareness raising, disposal of end of life products, etc

The roles of Change Agents in the training cycle of the E-Learning Platform

A special training cycle will

- identify different market players and their role in developing an enabling markets for energy efficient lighting and appliances.
- identify the strengths and weaknesses in their national policy landscape, including Minimum Energy Performance Standards (MEPS) and energy labelling
- identify various opportunities and obstacles met by producers and/or distributors of energy efficient lighting and appliances in the development of an enabling market.

How we will work with the Change Agents in a special training cycle

- Work with the E-learning platform
- Offer interactive webinars with instructors
- Establish a network for exchange
- Conduct assignments on real projects in the respective countries
- Develop projects of their choice such as policies, MEPS, etc

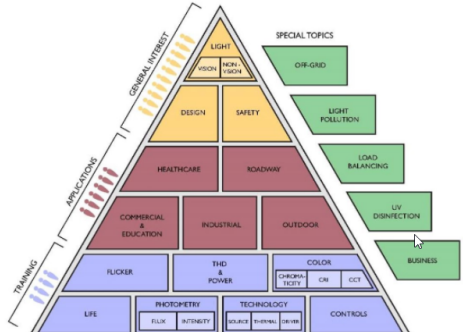
✕
🔔 Karin Reiss-Haimbala 👤

MODULE 2

- 👤 Participants
- 📅 Grades
- 📁 General
- 📁 Block 0 - Introduction to Module 2 (COMING SOON)
- 📁 Block 1 - Light and Health
- 📁 Block 2 - Technology, LED Lighting Systems
- 📁 Block 3 - Control Systems
- 📁 Block 4 - Photometry
- 📁 Block 5 - Product Life Length
- 📁 Block 6 - Load Shedding
- 📁 Block 7 - Equipment Training
- 📁 Block 8 - Lab Building
- 📁 Block 9 - Lab Related Activities
- 📁 Block 10 - Equipment Procurement

GENERAL

The objective of Module 2 is to introduce you to both Light and Lighting as an appliance and Lighting's unique properties compared to other appliances. Lighting experts from Light and Health Research Center (LRC) in the US and the Swedish Energy Agency (SEA) will guide you through selected areas to give you a solid introduction to energy efficient lighting.



As you soon will discover when studying the area of Lighting, the area is very broad and covers many subtopics as described in the figure above. The content of Module 2 on lighting has been set up so that blocks 1 to 6 include the information that is relevant to a broad target group. In addition, in-depth knowledge in the field of Lighting is provided for people who work with or are interested in establishing lighting laboratories. This expertise is handled in...

This block gives an overview of the content of the Module 2. It describes the transition of having no light to installed lighting, including integration with photovoltaic panels and power grids and how productivity can be increased also be introduced to the history of the Swedish Energy Agency working with minimum energy performance standards and lab building. The block consists of four short videos presented by the Swedish Energy Agency:

- Welcome to Module 2
- Minimum Energy Performance Standards (MEPS)
- The History of Testing Products
- From No Light to Lighting (LED, PV, Grids, Productive Use)



**ENERGY
EFFICIENT
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



#efficiencyswitch



Presentation of the objectives and modules of the E-Learning Platform



**Denis Ariho
EACREEE (EELA) -
SPEAKER**



**Peter Bennich, The
Swedish Energy
Agency (SEA) -
SPEAKER**

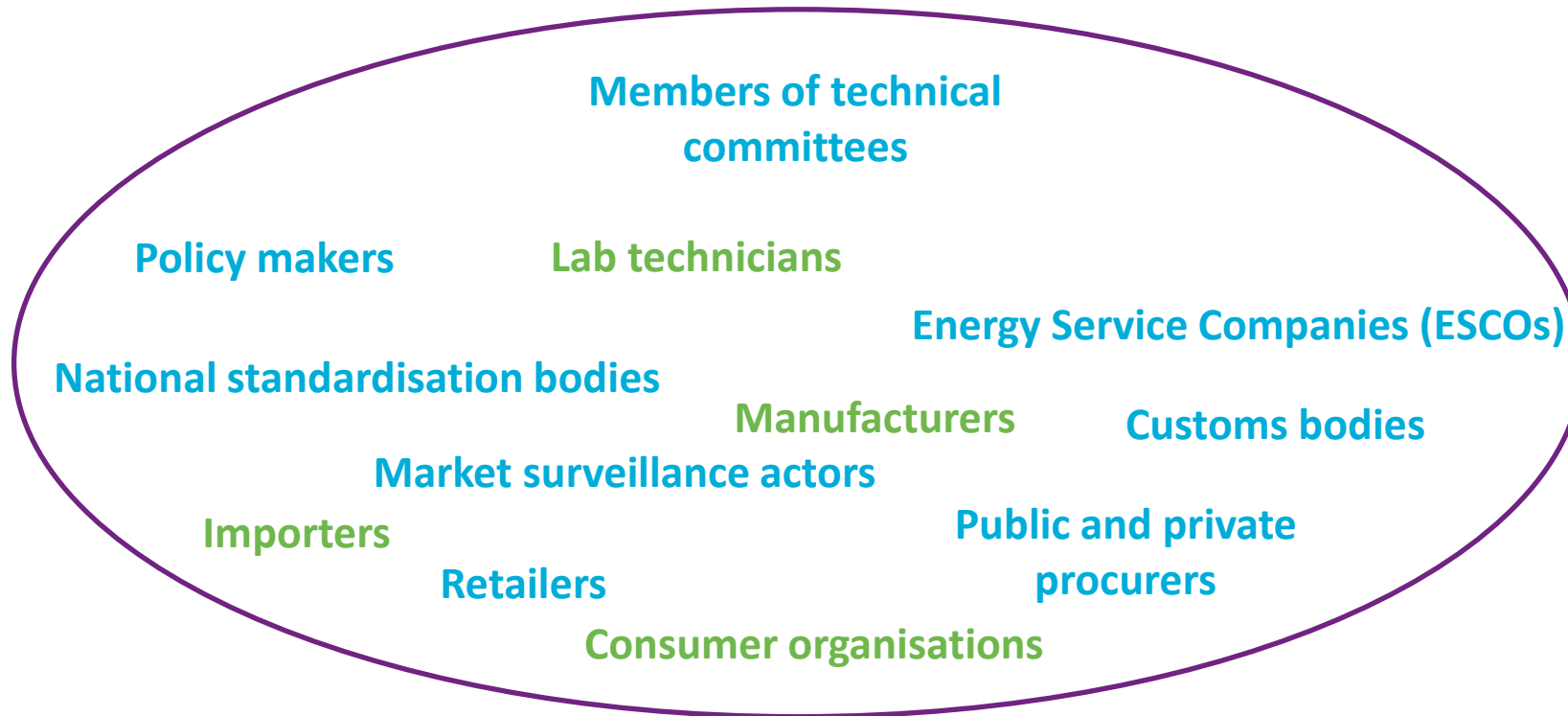
Presentation Outline

- 1. Objectives and Target Audience**
- 2. Overview of Training Modules**

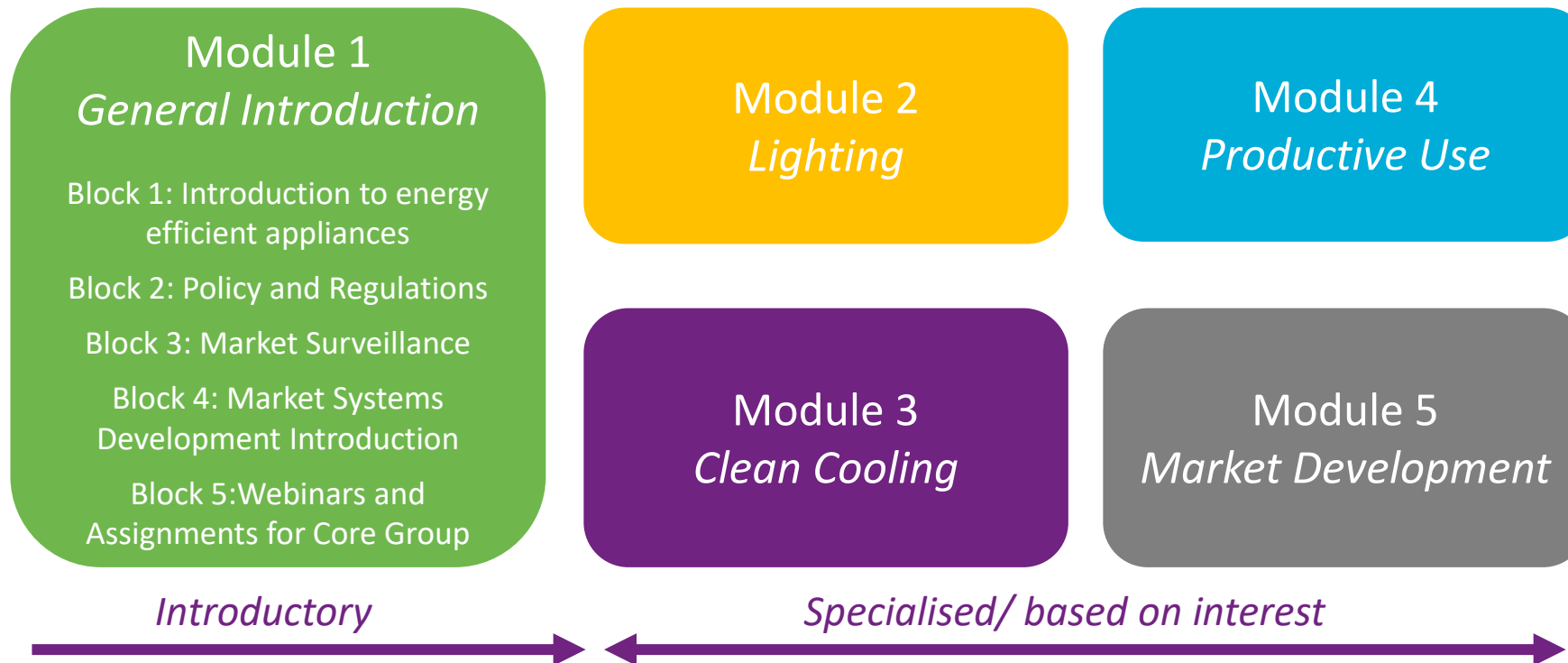
Objectives of the EELA E-Learning Platform

- To support capacity development, by strengthening the *knowledge and competence* of key stakeholders to create a vibrant market for Energy Efficient Lighting and Appliances in East and Southern Africa.
- To Promote and Strengthen the *network* of key stakeholders.

Target audience



EELA online training – Overview of the modules



EELA online training – Module Details

Module 1

Module 1 Introduction

Block 1 - Introduction to EE Appliances

Block 2 - Policy and Regulations

Block 3 - Market Surveillance

Block 4 - Market Systems Development Introduction

- **General audience can pick modules according to their need and interest**
- **Core Group for each country to undertake all modules and act as CHANGE AGENTS for the EE transition**

Module 2

Module 2 Ligting

Block 0 - Introduction to Module 2

Block 1 - Light and Health

Block 2 -Technology, LED Lighting Systems

Block 3 - Control systems

Block 4 - Photometry

Block 5 - Product Life Length

Block 6 - Load Shedding

Block 7 - Equipment Training

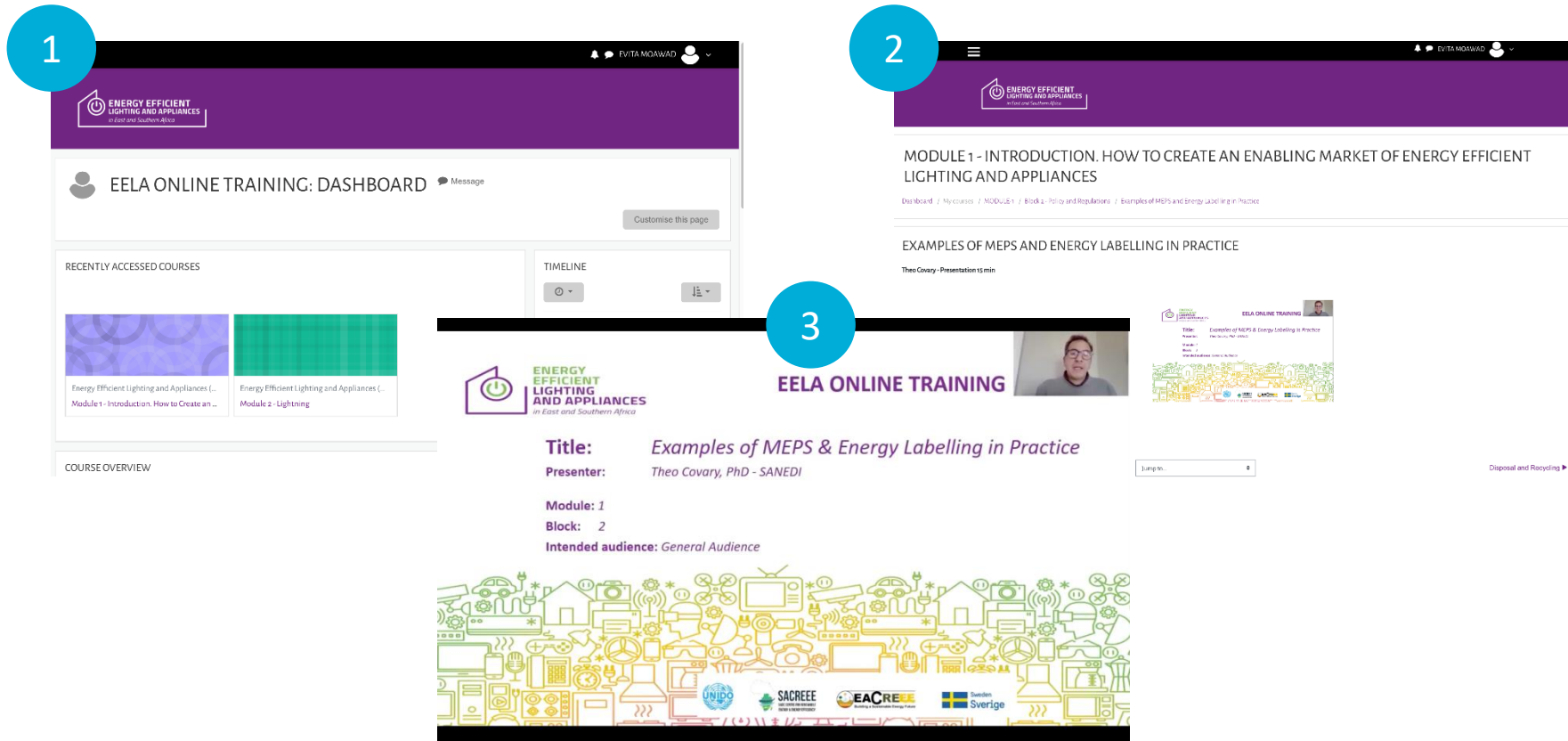
Block 8 - Lab Building

Block 9 - Lab Related Activites

Block 10 - Equipment Procurement

EELA online training – The e-learning platform

- E-learning platform on Moodle, which will continuously be enhanced and enriched with new material



1 EELA ONLINE TRAINING: DASHBOARD

RECENTLY ACCESSED COURSES

- Energy Efficient Lighting and Appliances (...)
- Energy Efficient Lighting and Appliances (...)

2 MODULE 1 - INTRODUCTION. HOW TO CREATE AN ENABLING MARKET OF ENERGY EFFICIENT LIGHTING AND APPLIANCES

EXAMPLES OF MEPS AND ENERGY LABELLING IN PRACTICE

Theo Covary - Presentation 15 min

3 EELA ONLINE TRAINING

Title: *Examples of MEPS & Energy Labelling in Practice*

Presenter: *Theo Covary, PhD - SANEDI*

Module: 1

Block: 2

Intended audience: *General Audience*

UNIDO SACREEE EACREEE Sweden Sverige

Live Demonstration of the E-Learning Platform



Evita MOAWAD, UNIDO (EELA)

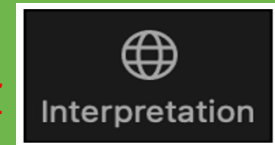
Introduction of the Kafue Gorge Regional Training Centre and the collaboration with the EELA project



Mpezilwe Simukoko, Kafue Gorge Regional Training Centre (KGRTC)

Questions to the presenters

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Panel discussion Moderator and Speakers



**Kristina Landfors,
Life Academy –
Moderator**



**Kevin N. Nwaigwe
University of Botswana
PANELIST**



**Samson Mhlanga,
NUST Zimbabwe
PANELIST**

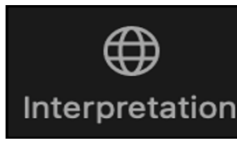


**Melanie Slade
IEA
PANELIST**



**Eileen Lara
CREEC
PANELIST**

Discussion

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Wrap Up and Takeaways



Kudakwashe Ndhlukula, Executive Director SACREEE



**ENERGY
EFFICIENT
LIGHTING
AND APPLIANCES**
in East and Southern Africa

THANK YOU

**CONTACT
UNIDO**

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EACREEE

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Mr. Denis Ariho, email: info@eacreee.org

SACREEE

Mr. Readlay Makaliki, email: energy@sacreee.org

For further information, visit:

www.eacreee.org | www.sacreee.org | www.unido.org

