

**SEMINAR**  
**UN Economic Commission for Africa**  
**Addis Ababa, Ethiopia**  
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# **Mainstreaming Energy Sustainable Development Goals (SDGs), Targets and Indicators into Statistical Programmes in Select African Countries**

## **Scope and Objectives**

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## Energy: A Major Enabler of Sustainable Development

- ✓ **Energy: a major enabler of sustainable development & indispensable for eradicating poverty**
- ✓ **Energy allows countries to accelerate economic development, to increase prosperity and to empower people and businesses**
- ✓ **Energy enables other universal goals including food security, good health, gender equality, water availability, economic growth, proper education, etc.**
- ✓ **Energy is key factor for tackling climate change**
- ✓ **4 million premature deaths are due to indoor pollution from lack of access to clean energy fuels**



# Background

**Johannesburg Plan of Implementation (2002)**



**Rio+ 20 Conference on Sustainable Development (2012)**



**2030 Agenda for Sustainable Development (2015)**



**Sustainable Development Goals (SDGs)**

**SDG 7 on Energy**



**Seminars: Mainstreaming energy goals, targets and indicators into National Statistical Programs**



# 2030 Agenda for Sustainable Development

- **The 2030 Agenda for Sustainable Development was approved in September 2015 by the UN General Assembly**
- **The main component is a set of 17 Sustainable Development Goals (SDGs) and 169 Targets to be accomplished by 2030**
- **SDG 7: Ensure access to affordable, reliable, sustainable and modern energy for all**
- **Global Indicator Framework with over 220 indicators to monitor progress on implementation of the 17 SDGs approved in March 2016**
- **The UN High Level Political Forum (HLPF) is the central platform for the follow up and review of the implementation of the 2030 Agenda and the SDGs**



# SDG 7: Energy

**Ensure access to affordable, reliable, sustainable and modern energy for all**

**Target 7.1 By 2030, ensure universal access to affordable, reliable and modern energy services**

**Target 7.2 By 2030, increase substantially the share of renewable energy in the global energy mix**

**Target 7.3 By 2030, double the global rate of improvement in energy efficiency**

**Target 7.a By 2030, enhance international cooperation to facilitate access to clean energy research and technology, including renewable energy, energy efficiency and advanced and cleaner fossil-fuel technology, and promote investment in energy infrastructure and clean energy technology**

**Target 7.b By 2030, expand infrastructure and upgrade technology for supplying modern and sustainable energy services for all in developing countries, in particular least developed countries, small island developing States and landlocked developing countries, in accordance with their respective programmes of support**



# Energy Indicators

## 7.1 Energy Access

**Indicator 7.1.1** Percentage of population with electricity access, %

**Indicator 7.1.2** Percentage of population with primary reliance on clean fuels and technology, %

## 7.2 Renewable Energy

**Indicator 7.2.1** Renewable energy share in the total final energy consumption, %

## 7.3 Energy Efficiency

**Indicator 7.3.1** Energy intensity measured in terms of primary energy and gross domestic product GDP

## 7.a International Cooperation and Investment

**Indicator 7.a.1** Mobilized amount of USD per year starting in 2020 accountable towards the USD 100 billion commitment

## 7.B Expand infrastructure and upgrade technology

**Indicator 7.b.1** Ratio of value added to net domestic energy use, by industry



# Seminar Objectives

- **Introduce the energy SDG , targets and indicators of the 2030 Agenda for Sustainable Development**
- **Discuss the national statistical programs of participating countries**
- **Assess global efforts on energy statistics and indicators by different international organizations within the context of the SDGs**
- **Assess the needs for adapting global energy SDGs, targets and indicators into national circumstances**
- **Discuss actions for improving national programmes to incorporate energy SDGs, targets and indicators**
- **Discuss international cooperation to support national statistical programs**



## Organized by the Division for Sustainable Development , DESA, United Nations

### In cooperation with:

- **UN ECA**
- **UN Office for Sustainable Development, Republic of Korea**
- **UN-Energy**
- **SE4ALL**

### Participants include:

- **Representatives from statistical offices and ministries from 10 countries: Cameroon, Ethiopia, Gambia, Ghana, Kenya, Senegal, Sierra Leona, Togo, Uganda and Zambia**
- **Representatives from : DSD, UN Statistics Division, ECA, UNOSD, World Bank, International Energy Agency , AUC, AfDB, University of Leeds**



# International Efforts

**Six international efforts on energy goals, targets, statistics and indicators will be analysed and discussed:**

- 1) Energy Indicators for Sustainable Development (DESA, IAEA, IEA, Eurostat and EEA)**
- 2) International Recommendations for Energy Statistics (UNSD)**
- 3) Sustainable Energy for All Global Tracking Framework (WB/IEA + others)**
- 4) The Economic Commission for Africa programme**
- 5) Statistics Programme and Manual on Energy Efficiency Indicators (IEA)**
- 6) Efforts by the African Union Commission (AUC) and the AfDB and the SE4All African Hub**



# Taking into account different National Realities: Africa

- **Need to take into account the different national realities and energy resources and systems.**
- **Need to consider the different levels of capacities and of development, always considering national priorities.**
- **Need to address and incorporate in a balanced way the economic, social and environmental dimensions of sustainable development and their linkages.**



# Intended Outcomes

**At the conclusion of this seminar we hope participants would have had the chance to exchange knowledge on:**

- ✓ **Global efforts on the definition of energy statistics, indicators, targets and goals**
- ✓ **Issues and challenges posed by adapting and implementing energy SDGs, targets and indicators into the national circumstances and priorities**
- ✓ **Needs to enhance current energy statistics programmes to incorporate the new set of SDGs, targets and indicators**

**And**

- ✓ **Prepare an Outcome document for consideration as an input to the 2016 High Level Political Forum in support of the SDG 7 on Energy**



## SEMINAR

# Energy Sustainable Development Goals (SDGs) Targets and Indicators into Statistical Programmes in Select African Countries Addis Ababa, Ethiopia

# Thank you very much for your attention!

Ivan Vera

UN-Energy Secretary

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