

REGIONAL TRAINING WORKSHOP FOR COUNTRIES OF SOUTH AFRICA
on
"Energy Statistics, Residential Sector Energy Efficiency Data Collection and
Initial Step towards the Creation of an African Industrial Sector Energy
Efficiency Database"
1st October – 3rd October 2019, Johannesburg, South Africa

Schedule	Activities
1st Day: 01 October 2019	
08:00- 09:00	REGISTRATION
09:00-09:30	<p>Opening session:</p> <ul style="list-style-type: none"> • Executive Director of AFREC; • Representative of the International Energy Agency (IEA); • Minister of Mineral Resources and Energy of Johannesburg, South Africa; • Photo Group.
09:30-09:45	COFFEE BREAK
09:45-10:45	<p>Session 1: Overview of the State of Energy Data Collection on Energy Statistics and Residential Sector Energy Efficiency Data Collection by international organizations</p> <ul style="list-style-type: none"> • The AFREC questionnaire: <ul style="list-style-type: none"> ○ The Energy Balance questionnaire (AFREC), ○ The Residential Energy Efficiency Questionnaire (AFREC) • The AFREC publication: AFREC Key Africa Energy Statistics, AFRICA Energy Database. <ul style="list-style-type: none"> ○ The AFREC databases and how could the AFREC databases be enriched: energy prices and industry energy efficiency indicators (AFREC). ○ Discussion
10:45–12:30	<p>Session 2: Basic Energy Data</p> <ul style="list-style-type: none"> • Importance of basic Energy Data (IEA). • Overview of Energy Balance Questionnaire (IEA). • Main issues and possible solutions (IEA). <i>(Presentation and practical exercises)</i> <ul style="list-style-type: none"> ○ Updates and the new training videos in French (IEA)
12:30-13:00	<p>Session 3: Data Collection The importance of data collection efforts (IEA).</p>
13:00–14:00	LUNCH
14:00–15:00	<p>Session 3 (Continue): Data Collection Good practices on data collection methodologies : Countries (<i>Focal Point Energy Statistics</i>) Discussion on the pre-training survey results on countries data collection across sectors</p>
15:00-16:00	<p>Session 4 : Energy Prices and Taxes Data:</p> <ul style="list-style-type: none"> • Why are Energy Prices and Taxes Data important for policy makers and customers? (IEA) • Energy Prices and Energy end-use prices: key concepts (IEA)
16:00-16:15	COFFEE BREAK

16:15–17:00	<p>Session 4 (Continue): Energy Prices and Taxes Data:</p> <ul style="list-style-type: none"> • General definitions of prices, What taxes data to collect? Sources and collection methodologies (IEA). • Energy prices converted into a common unit for sake of comparison (IEA). • What is the situation in selected countries: Country presentations (focus on prices): Countries (<i>Focal Point Energy Statistics</i>). • Detailed presentation of the draft questionnaire <ul style="list-style-type: none"> - Overall presentation: philosophy and approach : (AFREC)
2nd Day : 02 October 2019	
09:00–09:45 09:45–10:30	<p>Session 5 : The Road to Energy Efficiency Indicators for the Residential Sector</p> <ul style="list-style-type: none"> • Why is the residential sector the first priority in terms of energy efficiency for Africa? (JYG). • What main Energy Efficiency Indicators have been selected by AFREC and countries? (JYG). • The AFREC Residential Energy Efficiency Questionnaire: An agreed reporting format between countries and AFREC (JYG). <p>Session 6: The Educative Tool: An answer to the difficulties in collecting and reporting data to AFREC.</p> <ul style="list-style-type: none"> • Overview of the Educative Tool Excel file (JYG). • Country hands-on Excel file completion practice: The countries to use the data they were asked to bring and to fill up the Educative Tool Excel file (AFREC, IEA, JYG) passing around and helping countries when and where needed).
10:30–10:45	COFFEE BREAK
10:45–13:00	<p>Session 6 (Continue): The Educative Tool: An answer to the difficulties in collecting and reporting data to AFREC.</p> <ul style="list-style-type: none"> • Country hands-on Excel file completion practice: The countries to use the data they were asked to bring and to fill up the Educative Tool Excel file (AFREC, IEA, JYG) passing around and helping countries when and where needed) (continue). <p>At the end of this session, all countries should have completed the questionnaire and be ready for the AFREC questionnaire completion session.</p>
13:00–14:00	LUNCH
14:00–16:00	<p>Session 7: From the Educative Tool to the AFREC Energy Efficiency Questionnaire</p> <ul style="list-style-type: none"> • How to use the Educative Tool for completing the AFREC questionnaire (JYG). • Country hands-on questionnaire completion practice: The countries to use the data generated by the Educative Tool Questionnaire in the morning (AFREC, IEA, JYG) passing around and helping countries when and where needed).
16:00–16:15	COFFEE BREAK

16:15–16:30	<p>Session 7 (Continue): From the Educative Tool to the AFREC Energy Efficiency Questionnaire</p> <p>At the end of the session all countries should have their questionnaires fully completed and passed to AFREC.</p>
16:30-17:30	<p>Session 8: Regional Reporting : What each organization does in data collection and dissemination related to energy ? How cooperation with AFREC can be further improved ?</p> <ul style="list-style-type: none"> • <i>AEEP Mapping of Energy Initiatives and Programmes</i> • <i>SAPP, SACREEE, SADC,</i> <p>Discussion</p>
3rd Day : 03 October 2019	
08:30–09:15	<p>Session 9: Energy Efficiency in the Industry Sector:</p> <ul style="list-style-type: none"> • Place and role of industry in the African Economies? What are the main Industry Sub-Sectors in African economies? What is the energy mix in the industry sector? Is there a potential for energy efficiency in the industry sector? <p>Countries: <i>(Focal Point Energy Efficiency)</i></p> <p>Countries: <i>(Focal Point Energy Statistics)</i></p>
09:15-10:00	<ul style="list-style-type: none"> • The Energy consumption of the industry sector and sub-sectors (IEA). • What are the most common meaningful indicators on energy efficiency in the industry sector (IEA). • The IEA experience on industry energy efficiency indicators (IEA), • The data behind the indicators: what data and how to collect them(IEA).
10:00–10:30	<p>Session 10: Brainstorming on action plan to collect the data for the questionnaire</p> <ol style="list-style-type: none"> 1. Participants are split in 3/4 working groups, with an elected rapporteur to report back to the plenary 2. Each group brainstorms on how to structure a questionnaire 3. Report from the rapporteur to the plenary
10:30–10:45	COFFE BREAK
10:45–11:30	<p>Session 11: Brainstorming on action plan to collect the data for the questionnaire (continued)</p> <ol style="list-style-type: none"> 1. Participants are split in 3/4 working groups, with an elected rapporteur to report back to the plenary 2. Each group brainstorms on how to structure a questionnaire
11:30–12:15	<ol style="list-style-type: none"> 3. Report from the rapporteurs to the plenary
12:15–12:45	<p>Closing Session:</p> <ul style="list-style-type: none"> • Next steps for AFREC (JYG /AFREC) • Graduations <p><i>Closing remarks</i></p>
12:45–14:00	LUNCH
DEPARTURE	