



Fourth Workshop: Summary of Works

(East and North African Regions)

**Regional Training and Capacity Building Session on Energy Statistics, Energy Data Collection and National Energy Balances,
02-05 December 2013, Addis Ababa, Ethiopia**

Introduction:

The African Energy Commission (AFREC) in collaboration with the African Union Commission (AUC) the International Energy Agency (IEA), and the Minister of Water and Energy of Ethiopia, held a training and capacity building workshop on energy Statistics, energy data collection and energy balances, in Addis Ababa, Ethiopia, at the “Sarem International Hotel”, on 02-05 December 2013.

After the Regional workshops of Central Africa (Brazzaville), Southern Africa (Johannesburg), and Western and Northern (Tunisia and Algeria) Africa held in Accra, Ghana, this is a last for the Regions of Eastern and Northern (Libya and Egypt) Africa.

Objectives:

The main objectives of the workshop include:

- Providing training to national focal points on energy statistics, data collection and energy balances and enhancing their capacity in validating the collected data;
- Reviewing the characteristics of the new AFREC's Questionnaire on African energy data collection, use and management;
- Capitalising on the experience of IEA and regional institutions on the methods used in the analysis of data, validation techniques of the data collected and the basic structures of energy data.

Attendance:

The training was held in the framework of the creation of the African Energy Information System (AEIS) and devoted to AFREC National Focal Points in East-African and Northern African countries and was attended by National Focal Points of: Uganda, Rwanda, Djibouti, Somalia, Tanzania, Burundi and Ethiopia from East Africa in addition to Egypt and Libya from North Africa, Cote d'Ivoire from West Africa whereas Sudan, South Sudan and Kenya were absent.

AFREC Trainer and Staff

The training has been provided by two IEA experts: Mr. Pierre Henri BOILEAU and Mr. Georgios ZAZIAS, who were assisted by one consultant from AFREC: Mr. Abdoulaye OUEDDO. The whole program has been supervised and coordinated by AFREC's Executive Director and his Assistant, Ms BAYA SOUKI-KIEFFER.

Opening Ceremony:

The opening ceremony of the workshop started with the statement by Dr. Hussein ELHAG, Executive Director of the African Energy Commission (AFREC), who extended his compliments to the Senior Analyst in energy, representing the Ministry of Water and Energy of the Republic of Ethiopia, the International Energy Agency, as well as all the participants.

Then, Mr. Pierre Henri BOILEAU, representative of IEA, stressed on the importance of creating an efficient and viable database for the African Energy Information System.

Speech by Mr. Dereje Beyene Derbew, Representative of the Minister of Water and Energy has highlighted the activities of the Department in terms of energy, data collection and thanked all participants.

Following the ceremony, a group photo has been taken.

The Training

In the first session of the workshop, Dr. Hussein ELHAG, AFREC Executive Director, presented activities undertaken in 2012 and Summary of Activities in 2013/2014.

Session 2 reviewed the state of play of energy data collection by the national focal points in their respective countries with the aim of assessing the current situation of data collection.

The training provided by IEA lasted three days and covered the following issues:

Session 3:

- Introduction to national and international energy statistics.
Objective: understanding the importance of energy statistics, how and why energy data collection. Statistics principles.
- Oil statistics through the analysis of AFREC's revised questionnaire on oil
Objective: understanding the structure, flows and products addressed by the questionnaire
- Communication and hands-on exercise.

Session 4 (continuation):

- Oil statistics through the analysis of AFREC's revised questionnaire on oil
Objective: understanding the structure, flows and products addressed by the questionnaire
- Communication and hands-on exercise.

Session 5:

- Coal statistics through the analysis of AFREC's revised questionnaire on coal
Objective: understanding the structure, flows and products addressed by the questionnaire
- Communication.

Session 6:

- Natural gas through the study of AFREC's revised questionnaire on natural gas and AFREC's questionnaire on natural gas (IEA).
Objective: understanding the structure, flows and products addressed by the questionnaire
Communication and hands-on exercise

Session 7:

- Renewable energy statistics through the analysis of AFREC's revised questionnaire on renewable energy
Objective: understanding the structure, flows and products addressed by the questionnaire
- Communication and hands-on exercise with focus on biomass

Session 8:

- Electricity statistics through the analysis of AFREC's revised questionnaire on electricity
Objective: understanding the structure, flows and products addressed by the questionnaire
- Communication and hands-on exercise

Session 9:

- Development of energy balances: Why do we need energy balance? Principles used to develop energy balance. How to develop an energy balance on the basis of fuel questionnaires.
Objective: understanding the importance of developing an energy balance.
- Communication and hands-on exercise

The rest of sessions was followed by the presentation on:

- Enhancing Cooperation in Energy Sector within the Nile Basin Countries, presented by Hamid E. Ali, PhD Lead Consultant, African Development Bank;
- The new Web Portal Data for IEA, presented by Mr. Henri Pierre Boileau;
- Data entry forms through the website and Learn to manipulate data and graphics of the Web Portal, presented by Mr. Abdoulaye OUEDDO.

Conclusion:

The training workshop has been a success inasmuch as it contributed to enhancing the skills of the region's national focal points in the management of energy data collection of their respective countries in an efficient and sustainable manner, and enabled to improve their understanding of energy statistics and databases.

Training certificates have been distributed at the closing of the workshop

Group Photos

