



## **National Metrology Institute of Ethiopia**

### **How we celebrate World Metrology Day 2014**

National Metrology Institute of Ethiopia will celebrate World Metrology Day on 20 May 2014 with different programs. It includes an opening speech by the Ethiopian Science and Technology Ministry Minister, theme of the year in focus “Measurements and the Global Energy Challenge”. The other is, Based on ISO/IEC 17025:2005 Laboratory Quality Management System, the Institute has got new accreditation in the fields of Balance and Electrical calibration and an extension of accreditation in the fields of Mass, Temperature, Pressure and Volume from German Accreditation Body (DAkkS). Therefore, on World metrology commemoration day, the institute will officially take the certificate from PTB representatives. Other activity that will be held on the date include

- The institute will award Participants who contribute a lot in accreditation process
- There will be awareness creation program on the theme of the year for employees of the institute and other guests from different areas.
- The director of NMIE will give press releases for media; therefore, the event will be broadcasted on private and public media.
- There will be photo exhibition that shows the previous World Metrology Day celebrations

The theme of the year has especial bond for Ethiopia, because energy related activities are included in the countries five year growth and transformation plan. And the government is working a lot on this environmentally friend energy resources.

Ministry of water and energy of Ethiopia from 3 - 4 June, 2014, will co-host the U.S.-Africa Energy Ministerial (AEM) in Addis Ababa with the Government of the United States. This shows how Ethiopia is concerned and working on energy.

The other is its known that Ethiopia is on building a lot hydroelectric power, wind electric power and geothermal sources of energy. From these one is wind electric farm called Ashegoda that covers about 20,000 square kilometer at Tigray Region. This farm is producing 100 GW. Ashegoda is the second windiest place in Ethiopia next to Adama (Nazreth), with an average annual wind speed of 8.5 m/s and 9.4 m/s, respectively, at a height of 40 M above ground level.

The other is the Ethiopian Great Renaissance dam project funded by the Ethiopian government and the people of Ethiopia. The building of the dam aimed primarily at generating power with an expected capacity of 6,000 MW. At the end it will not only serve Ethiopia, but also Sudan and Egypt.



The great Ethiopia Renaissance dam

The Ashegoda  
Wind Energy Farm

