

Maldives Participates in the 6th Asian School on Renewable Energy: Advanced Micropower Systems



Maldives Participates in the 6th Asian School on Renewable Energy: Advanced Micropower Systems. The five-day workshop was held at Puri Pujangga, UKM Bangi, Malaysia. This program that commenced on 1 July 2013 was organized by the Solar Energy Research Institute (SERI) of the National University of Malaysia (UKM) in cooperation with the Islamic Educational, Scientific and Cultural Organization (ISESCO); the United Nations Educational, Scientific and Cultural Organization (UNESCO); and the Turkish International Cooperation and Development Agency (TIKA).

During the inaugural ceremony, SERI welcomed the delegates, and ISESCO and TIKA delivered their remarks. The ceremony was officiated by the CEO of Malaysian Green Technology Corporation who highlighted the importance of accessibility to electricity and the use of solar energy for a sustainable economic development.

The objectives of the school include promoting the use of environment-friendly technologies in the developing countries of Asia; creating awareness among policy-makers, academicians and professionals of developing Asian countries on the concept of sustainable energy technologies such as solar, wind, biomass, fuel cell and hydrogen energy; introducing micro-financing schemes for micropower technologies; and orient the participants with the practical aspects of micropower system applications.

During the Technical Session 1 lectures were given to the participants on solar photovoltaic technology, solar thermal technologies (Active System), Pico hydro power system, solar thermal technologies (passive design and low energy architecture) and biomass technologies.

During the course of the program participants were given hands on training on the use of HOMER software and RETSCREEN software to design micropower systems. Also participants were taken on visit to Advanced Fabrication Silicon Solar Cell Laboratory, UKM to demonstrate the making of solar panels. In addition, practical training on solar energy technologies was given at the Green Technology Innovatoin Parks, UKM.

Participants from Azerbaijan, Bangladesh, Brunei, Iran, Iraq, Kazakhstan, Kyrgyzstan, Libya, Maldives, Tajikistan, Pakistan, Yemen and Malaysia presented their country background and the use of renewable energy on the fourth day of the workshop.
