

WFEO COMMITTEE ON ENERGY

Second Hosting Nomination 2015-2019

Mission: to provide the engineer with updated, unbiased and reliable information on the feasibility of the different energy technologies based on scientific principles, engineering criteria and demonstrated technological development.

Vision: to become the engineering reference for assessing the feasibility of current and cutting edge energy technologies for sustainable development.

The Committee on Energy's objective is to be the engineering reference for energy sustainable development based on engineering criteria and actively participate in sustainable energy programs around the world by providing subject matter experts.

The plan for the Committee on Energy is to publish the Solar Power and Nuclear Power Reports that were updated during USA's first four years of hosting.

Continue to grow the Committee. When USA took over there were 50 active members and now there are 100 members.

Host the "2nd Energy Management Conference and Sustainable Energy for Developing Countries" in the Kingdom of Bahrain in December 2015. This Conference is the Energy Committee's 3rd Conference on Sustainable Energy for Developing Countries. Plan and host the 4th Sustainable Energy for Developing Countries Conference in 2017 or 2018 location to be determined.

Launch and complete studies for Urban Waste, Hydrogen Utilization, Energy Hierarchy (conservation, efficiency, renewable, low carbon technologies), and Carbon Capture Technologies. Other topics being evaluated for studying are Superconductor Technologies for Power Transmission, Energy Storage Devices/Systems, Energy Resource Estimation Methodologies, and Near-Term Energy Demand/Supply.

Support UNESCO Regional Renewable Energy Boot Camps by providing engineering subject matter experts.

The Committee on Energy will continue to lead the WFEO's efforts to support this initiative from the UN Secretary General Ban Ki-moon. Sustainable Energy for all seeks to mobilize action from all sectors of society in support of three interlinked objectives to be achieved by 2030: providing universal access to modern energy services; doubling the global rate of improvement in energy efficiency; and doubling the share of renewable energy in the global energy mix.

Through its Taskforces, Conferences and Reports, the Committee on Energy will be supporting the Sustainable Energy Fund for Africa (SEFA) by collecting and disseminating best practices and recommendation.

American Society of Mechanical Engineers will continue to provide Secretariat service for Energy Committee.