



*Joint ICTP/IAEA Workshop on*  
**SUSTAINABLE ENERGY DEVELOPMENT:  
Pathways and Strategies after Rio+20**

1 - 5 October 2012

*ICTP, Miramare - Trieste, Italy*

The Abdus Salam International Centre for Theoretical Physics (ICTP) and the International Atomic Energy Agency (IAEA, Vienna) will jointly organize the above *Workshop* to be held at the ICTP in Trieste from 1 to 5 October 2012.

Energy is an essential prerequisite for social and economic development but energy supply raises a series of environmental, natural resource and technology issues. The IAEA has been providing support to Member States and to international organizations on a diverse set of issues related to *sustainable energy development* over the past decade. The contribution of nuclear power to sustainable development and the options to enhance sustainability of the nuclear energy sector are particularly important topics in this context.

The workshop will bring together experts from social, economic, environmental and technological fields to review the state-of-the-art in relevant areas and to provide a platform for *exploring pathways and strategies* for sustainable energy development in the light of the results of the United Nations Conference on Sustainable Development (UNCSD 2012, or Rio+20 for short). The outcome of the workshop will be a better knowledge basis to integrate new perspectives and objectives for sustainable development emerging from the Rio+20 Conference into international and national energy strategies, and to foster its mandate in the field of energy development.

This workshop will be one of the first follow-up events to the Rio+20 Conference. It is intended to provide a significant contribution to the implementation of the sustainable development agenda in the energy field related to the main themes of the Rio+20 Conference: *green economy and poverty eradication* (with energy poverty and access to energy as key aspects) and the related institutional frameworks.

Presentations and discussions at the workshop will address the following topics:

- pathways, targets and indicators of sustainable energy development;
- energy access and other social issues in sustainable energy development;
- energy aspects of green growth strategies;
- dynamics of natural resource utilization, environmental impacts and technologies in increasing the sustainability of energy systems;
- integration of sustainable energy and climate change strategies in national energy planning and international energy strategies.

An important precondition for participation in the workshop is the readiness to deliver a presentation on one of the above topics (about 30-40 minutes) in the context of the applicant's own country/region. A short abstract (maximum 400 words) of the proposed presentation should be attached to the online application form. -All attachments should be in PDF format.

*The Workshop will be conducted in English therefore participants must have an adequate language knowledge. Experts and scientists from all countries that are members of the UN, UNESCO or IAEA can attend. Although the main purpose of the Centre is to help researchers from developing countries through a programme of training activities within a framework of international co-operation, a limited number of experts and scientists from developed countries are also welcome. In particular, this Workshop is intended for experts and strongly motivated post-doctoral scientists. Logistics limit the number of participants to 30.*

*As a rule, travel and subsistence expenses of the participants should be borne by the home institution. Every effort should be made by candidates to secure support for their fares (or at least half-fare) from their home country. Limited funds will be available for some participants, who are nationals of, and working in, a developing country. Such financial support is available only to those who attend the entire Workshop. There is no registration fee for attending the Workshop.*

The online application form for this Workshop is available at:

[http://cdsagenda5.ictp.trieste.it/full\\_display.php?smr=0&ida=a11197](http://cdsagenda5.ictp.trieste.it/full_display.php?smr=0&ida=a11197)

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**DEADLINE**

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