

# International Atomic Energy Agency

## Regional Workshop on Sustainable Energy Development *combined with* Participation in the 22<sup>nd</sup> International Conference on Nuclear Engineering (ICONE)

### PROSPECTUS

- Project Number & Title:** RER/0/035: Supporting Enhanced Sustainability of Programme Activities
- Place (City, Country):** Prague, Czech Republic
- Dates:** 4-11 July 2014
- Deadline for Nominations:** **6 June 2014**
- Organizers:** The International Atomic Energy in cooperation with the Government of the Czech Republic through the U.S.- Czech Civil Nuclear Cooperation Center (CNCC).
- Host Country Organizer:** Ms Barbora Benešová  
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- Language:** The workshop will be held in English.
- Purpose:** The purpose of the workshop is to foster the exchange of experiences and knowledge in the development of current and perspective energy-mix strategies, with emphasis on the nuclear option and on the optimization of plants operation/ maintenance, among specialists from the Europe Region; the event will also offer participants the opportunity to liaise with colleagues from the international community during the 22<sup>nd</sup> ICONE, which this year will be held in Prague.

**Expected Output(s):**

The expected outputs of the workshop are:

- Workshop report containing an overview of current and perspective energy-mix strategies in participating Member States, with emphasis on the role of the nuclear option vis-à-vis other energy sources and on the key factors which have lead/ may lead to the development of such strategies.
- Participants familiarized with modern nuclear energy systems and technologies, including plant operations, maintenance, engineering, modifications, life cycle, and balance of plant and mechanism of degradation of primary components.
- Bases laid for the creation of a regional network of specialists/ stakeholders involved in the development of long-term, sustainable energy strategies, with emphasis on nuclear as part of the energy-mix.
- Oral or poster communication presented at the 2014 ICONE.

**Scope and Nature:**

The workshop will combine tutorial and technical sessions as follows:

- 4-5 July 2014: tutorial session on the role of nuclear energy in the establishment of current and perspective energy strategies and on modern nuclear energy systems and technologies (including plant operations, maintenance, engineering, modifications, life cycle and balance of plant and mechanism of degradation of primary components).
- July 7-11: technical sessions through participation in ICONE 2014 (<http://www.asmeconferences.org/icone22/>), where participants will have the opportunity to exchange state-of-the-art knowledge with colleagues from the international community in the areas of nuclear energy systems and technologies (e.g., optimization of plant operations, maintenance, modifications, performance evaluations, component lifetime, risk based maintenance, reliability engineering, life time management and extension experience).

Participants of the Workshop are kindly requested to prepare a brief PowerPoint presentation as per attached presentation guidelines.

**Background Information:**

A key objective of project RER/0/035 is to support member states in the TC Europe region in developing national long-term nuclear energy strategies as part of a globally sustainable nuclear energy infrastructure through capacity building, global dialogue and technical innovations.

To this end, this regional workshop will contribute to enhance institutional human capacity for Research and Development (R&D) on advanced nuclear energy systems and technologies, with emphasis on the role of the nuclear option in energy mix strategies.

- Participation:** The Workshop is open to 10 participants from Member States in the TC Europe Region.
- Priority shall be given to qualified candidates from Member States operating, or planning to operate nuclear power plants.
- Participants' Qualifications:** The participants should be staff members of regulatory bodies, technical support organizations, operators, engineering companies or other institutions directly involved in the planning, implementation, testing, licensing, and operation of nuclear power plants.
- The workshop will be conducted in English and candidates must have sufficient English proficiency to ensure their active participation.
- Nomination Procedure:** Nominations for Meeting/Workshop should be submitted to the IAEA online through the Technical Cooperation Department's InTouch system (<http://intouch.iaea.org>). Should this not be possible, nominations may be submitted on the standard IAEA Nomination Form for Workshop/Workshop and National Consultant (available on the IAEA website: <http://www.iaea.org/>). Completed forms should be endorsed by relevant national authorities and returned to the Agency through the official channels, i.e. the designated National Liaison Office for IAEA Matters.
- The completed nomination forms should be sent to the Programme Management Officer for this project, Ms Alessia Rodriguez y Baena, through IAEA Official Fax (+43-1-26007) or E-Mail (Official.Mail@iaea.org), not later than **6 June 2014**. Nominations received after this date or which have not been routed through the established official channels cannot be considered.
- Administrative and Financial Arrangements:** Nominating Governments will be informed in due course of the names of the candidates who have been selected and will, at that time, be given full details of the procedures to be followed with regard to administrative and financial matters.
- Selected participants from countries eligible to receive technical assistance will be provided with a round trip economy class air ticket from their home countries to Prague, Czech Republic, and a Daily Subsistence Allowance (DSA) at the prevailing UN Rate. Shipment of accumulated workshop materials to the participants' home countries is not the responsibility of the IAEA.
- The organizers of the workshop do not accept liability for the payment of any cost or compensation that may arise from damage to or loss of personal property, or from illness, injury, disability or death of a participant while he/she is travelling to and from or attending the workshop, and it is clearly understood that each Government, in nominating participants, undertakes responsibility for such coverage. Governments would be well advised to take out insurance against these risks.