



**IAEA**

International Atomic Energy Agency

**INTERNATIONAL ATOMIC ENERGY AGENCY (IAEA)**

**DEPARTMENT OF NUCLEAR ENERGY**

**Technical Meeting/Workshop**

**Topical Issues on Infrastructure Development:  
Managing the Development of  
National Infrastructure for Nuclear Power**

**9 to 12 February 2010**

*Cosponsored by the Governments of Japan and  
United States of America*

**WORKSHOP ANNOUNCEMENT**

**TITLE:** **TM/Workshop on Topical Issues on Infrastructure Development: Managing the Development of a National Infrastructure for Nuclear Power**

**DATES:** 9 -12 February 2010

**VENUE:** Austria Center, Vienna, Austria

**ORGANISERS:** The International Atomic Energy Agency (IAEA)

**DEADLINE FOR NOMINATIONS:** 1 January 2010

**TARGET**

**COUNTRIES:** This TM/workshop is open to IAEA Member States considering or launching a nuclear power programme. Participating countries will be asked to make a presentation on their national activities following a template to be provided.

Senior managers and/or experts from Member States operating NPP with experience in the Human Resources education and training programmes and also from national Regulatory Bodies involved in developing national capacity for safeguards and security are invited to make presentations.

Potential NPP Vendors are also invited.

**PARTICIPATION:** The TM/workshop is open to two participants per country that are considering and planning the first nuclear power plant.

**LANGUAGE:** The TM/workshop will be conducted in English.

**BACKGROUND**

**INFORMATION:** A nuclear power programme is a major undertaking requiring careful planning, preparation and investment in a sustainable infrastructure that provides legal, regulatory, technological, human and industrial support to ensure the effectiveness of the nuclear power programme and that obligations for safety, security and safeguards are met.

This TM/workshop will focus on the national position and strategy as the starting point for institution-building and human resource development. One important aspect will be planning for technology transfer and local industry involvement. The experiences of countries already operating nuclear power programmes as well as vendor perspectives will also be shared. Regional approaches to human resource development will also be explored.

The IAEA has issued the following specific publications which provide some guidance and information for Member States that are considering nuclear power to achieve their national energy needs:

- *Considerations to Launch a Nuclear Power Programme, IAEA Vienna (2007)*
- *NE-Series No. NG-G-3.1. Milestones in the Development of a National Infrastructure for Nuclear Power, IAEA Vienna (2007)*

- *NE-Series No. NG-T-3.2. Evaluation of the status of National Nuclear Infrastructure Development, IAEA Vienna (2008)*
- *NE-Series No. NG-T-3.6. Responsibilities and Capabilities of a Nuclear Energy Programme Implementing Organization, IAEA Vienna (2009)*
- *NE-Series No. NG-G-2.1. Managing Human Resources in the Field of Nuclear Energy, IAEA Vienna (2009)*
- *NE-Series No. NG-T-3.1. Initiating Nuclear Power Programmes: Responsibilities and Capabilities of Owners and Operators, IAEA Vienna (2009)*
- *NE-Series No. NG-T-4.1. Issues to Improve the Prospect of Financing Nuclear Power Plants, IAEA Vienna (2009)*
- *IAEA- TECDOC-1513, Basic Infrastructure for Nuclear Power Project, IAEA Vienna (2006)*
- *IAEA- TECDOC-1555, Managing the first Nuclear Power Plant, IAEA Vienna (2007).*

**OBJECTIVES:** The main purpose of the TM/workshop is to provide an opportunity for exchange of specific information and to facilitate the development and implementation of the National Infrastructure for Nuclear Power, especially in the area of human resource development. The TM/workshop intends to:

- provide an opportunity to exchange good practices and acquire information on current experience
- allow participants to further improve their knowledge of the associated issues.
- offer a forum in which participants can discuss challenges, concerns and issues arising from the specific infrastructure implementation process and potential means of resolving those issues.

**Participation:** The TM/workshop is targeted to senior managers engaged in National Nuclear Power Programme strategy development and implementation of the infrastructure for a national nuclear power programme. They should be intimately familiar with the details of their country's national strategy and specific plans for Nuclear Power national infrastructure implementation and capable of describing and discussing in depth the experience and learned lessons in the specific infrastructure implementation process. The participants should have a working knowledge of English as the presentations and discussion will be conducted in English. The TM/workshop is also open to participants with experience from the past in building a national nuclear infrastructure, as well as the vendor community who are willing to share their lessons learned.

## TOPICS

**TO BE COVERED:** 1. Presentations by participants from the countries that are considering and planning the first NPP of the national strategy and specific strategic plans for implementation Nuclear Power Programme infrastructure (legal system development, NEPIO creation, building Nuclear Safety Regulatory Body and NPP Owner/Operator, Human Resources programme, etc.).

2. Presentation by the invited experts of the lesson learned on the Human Resources education and training, building national capacities for safeguards and security and round/table discussions on these issues.
3. Presentation of the potential NPP Vendors about their experience and expectations for the countries that are considering and planning the first nuclear power plant, on human resource development, local industrial involvement and technology transfer.

In this context, please refer to the attached advance copy of the preliminary TM/workshop programme.

## **ORGANIZERS**

### **Workshop Coordinator:**

**Mr Ioan Rotaru**

**Project Director**

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## **APPLICATION PROCEDURE:**

Nominations may be submitted on the standard IAEA application form for meetings (attached). Completed forms should be endorsed by and returned through the official channels established. They must be received by the International Atomic Energy Agency, P.O. 3 Box 100, A-1400 Vienna, Austria, not later than **1 January 2010**. Nominations received after this date or applications which have not been routed through one of the aforementioned official channels cannot be considered. Advanced nominations by facsimile (+43-1-26007), or e-mail ([official.mail@iaea.org](mailto:official.mail@iaea.org) and [a.starz@iaea.org](mailto:a.starz@iaea.org)) are welcomed. The facsimile/e-mail should contain the following basic information about the candidate: name, age, academic qualifications, and current position including exact nature of duties carried out, proficiency in English and full working address including telephone/facsimile numbers.

**ADMINISTRATIVE  
AND FINANCIAL**

**ARRANGEMENTS:**Nominating Governments will be informed in due course of the names of the selected candidates and will at that time be given full details on the procedures to be followed with regard to administrative and financial matters.

During their attendance at the TM/workshop, participants from countries eligible to receive technical assistance will be provided by the IAEA with a stipend sufficient to cover the cost of their accommodation, food, and minor incidental expenses. The IAEA will also provide the participants with a round-trip air ticket, economy/excursion class, from their home countries to Vienna, Austria and return. Shipment of accumulated workshop materials to the participants' home countries is not the responsibility of the IAEA.

The organizers of the TM/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.

**Attachments:** TM/Workshop programme (draft); .Participation and Grant Application Forms