

## KEY DEADLINES

### 22 January 2007

- Submission of extended synopsis (electronic version)
- Paper Submission Form (Form B)
- Grant Application Form (Form C)

### 18 May 2007

- Submission of full paper

## REGISTRATION

There is no registration fee. Please see the conference web page for the participation form and details for submission.

## LANGUAGE

The conference will be held in English.

## IAEA CONTACT PERSONS

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### Conference Web Page

<http://www-pub.iaea.org/MTCD/Meetings/Announcements.asp?ConfID=153>

International Atomic Energy Agency (IAEA)  
P.O. Box 100  
Wagramer Strasse 5  
1400 Vienna, Austria

Please quote reference number CN-153 on all correspondence.

International Conference on

# Knowledge Management in Nuclear Facilities

Vienna, Austria

18-21 June 2007

Organized by the  
International Atomic Energy Agency (IAEA)

In cooperation with the  
European Atomic Forum (FORATOM)  
European Commission (EC)  
Japan Atomic Energy Agency (JAEA)  
Nuclear Energy Institute (NEI)  
OECD Nuclear Energy Agency (OECD/NEA)  
World Nuclear Association (WNA)



Atoms for Peace: The First Half Century  
1957-2007

## BACKGROUND

In recent years new issues have emerged in Member States, including ageing facilities and personnel, nuclear phase-out policies, the expectation of nuclear growth in some regions and the objective to further improve the economic competitiveness of nuclear energy while maintaining a high level of safety.

Awareness of the importance of nuclear knowledge management in addressing the challenges the industry is facing has grown significantly, both in the industry and in regulatory authorities, and a large number of projects are under way. Knowledge management is becoming an important element of the organizational behaviour of the nuclear industry.

In 2002, the IAEA General Conference adopted a new resolution on *Nuclear Knowledge*, emphasizing the importance of nuclear knowledge management. The resolution was reiterated in subsequent years. This conference is organized in response to those resolutions, also following the first conference on Nuclear Knowledge Management – Strategies, Information Management and Human Resource Development, organized by the IAEA in 2004 in France.

## OBJECTIVES

The objectives of the conference are to:

- Take stock of the recent developments in nuclear knowledge management;
- Demonstrate and discuss the benefits of nuclear knowledge management in promoting excellence in operation and safety of nuclear facilities;
- Promote the use of nuclear knowledge management in the nuclear industry;
- Provide insights and recommendations to the nuclear community.

## AUDIENCE

The conference will address decision makers and professionals in the nuclear industry, including in particular all nuclear facilities in all phases of their life cycle, and from regulatory organizations, governments, academia, vendors and other bodies concerned with the topic.

## THEMATIC SCOPE

### ***Policy Forum: Status, Strategic Perspectives and Key Issues***

Leaders from nuclear industry, governmental organizations, regulators, research institutes and international organizations will give a top level overview of key issues in nuclear knowledge management, summarize the current status and give an outlook into the future.

## Session 1

### ***Knowledge Management for Safety and Regulation***

Knowledge management is expected to produce tangible benefits both for the safety of nuclear installations and for the efficiency of regulatory activities.

## Session 2

### ***Knowledge Management for Improved Performance and Economics***

The session will focus on success stories, case studies and best practices in implementing knowledge management in nuclear facilities leading to improved performance and economics.

## Session 3

### ***Knowledge Management for Innovation***

The session will discuss how knowledge management can help to support innovation, e.g. for the next generation of reactors.

## Session 4

### ***Human Resources, Education, Training and Public Information***

Sustaining and developing the nuclear workforce for existing and future nuclear installations and for developing new designs remains an important challenge for the nuclear community and for nuclear operators and designers.