

## PARTICIPATION

Among the 400 participants expected to participate are Ministers and senior level advisers, as well as representatives of organizations working in the energy policy field who can make or influence energy related decisions.

Participating Ministers will be invited to make short presentations to the Conference.

## REGISTRATION

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

## EXHIBITION

Limited space will be available for displays and exhibits during the conference. Interested parties should contact:

Mr. Huang Wei

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## WORKING LANGUAGES

The working languages of the conference will be all the official IAEA languages: Arabic, Chinese, English, French, Russian and Spanish.

## VISAS

Designated participants who require a visa to enter China should submit the necessary application(s) to the nearest diplomatic or consular representative of China as early as possible but at least one month before the meeting.

## VENUE

The conference will take place at the Beijing International Convention Centre in Beijing, China.

## SECRETARIAT

### The address of the Secretariat:

International Atomic Energy Agency

IAEA-CN-169

Vienna International Centre

P.O. Box 100

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### The Scientific Secretaries of the conference are:

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### Conference organization is provided by:

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Subsequent correspondence on scientific matters should be sent to the Scientific Secretaries and correspondence on administrative matters to the conference organizer.

## CONFERENCE WEB PAGE

Please visit the IAEA conference web site regularly for information regarding this conference at:

<http://www-pub.iaea.org/MTCD/Meetings/Announcements.asp?ConfID=35252>

INTERNATIONAL MINISTERIAL CONFERENCE

BEIJING • 20 – 21 APRIL 2009



**Nuclear  
Energy in  
the 21st Century**

*Addressing Energy Needs and Environmental Challenges*

Organized by the



**IAEA**

International Atomic Energy Agency

*Atoms for Peace*

Hosted by the  
Government of China



through the  
China Atomic Energy Authority

## BACKGROUND

Following the Ministerial Conference held in Paris in March 2005, the IAEA is organizing an International Ministerial Conference on Nuclear Energy in the 21st Century in Beijing, from 20 to 21 April 2009. This conference is designed to allow participants to discuss developments and emerging issues relevant to the role of nuclear power in providing clear and sustainable energy for national and regional development.

Energy supply security, the long term stability of the costs, reliability and environmental impact, including climate change, play a major role in the energy planning of States. Nuclear power, as a proven technology with virtually no greenhouse gas emissions or emission of pollutants, is expected to play an increasing role in meeting the rapidly growing global requirements for electricity.

The conference will provide an opportunity to review the status and prospects of nuclear power, including progress in the evolution of technology, and to discuss the necessary actions to carry forward the positive momentum that nuclear power has witnessed in recent years. It will also offer a forum for many countries considering the potential benefits of introducing nuclear power in their national energy mix, to further assess the viability of the nuclear power option.

## OBJECTIVES OF THE CONFERENCE

The objectives of the conference are the following:

- To recognize the positive momentum in the trend towards nuclear power and to further raise the profile of nuclear energy.
- To provide a forum for discussion among high level participants from a large number of countries about the role of nuclear power in meeting energy demands in a sustainable manner.
- To discuss the different aspects of, and conditions for, the development of nuclear power in developing and developed countries.
- To discuss the interrelationship between nuclear energy, the use of resources and the environment.

## SCOPE AND MAJOR ISSUES OF THE CONFERENCE

The conference will enable many interested governments and other parties to present and discuss the future role of nuclear energy by making presentations on their national positions.

The conference will also include sessions to discuss major issues, as follows:

- Energy resources and the environment.

This will allow for a discussion on the impacts of climate change, the potential role of nuclear power, and options for sustainable energy mixes in different national conditions.

- What technology is available now and is expected to be available in the near future, and what the long term perspectives are.

This will include a discussion of current designs, the availability of manufacturing facilities, potential technical impediments to expansion programmes, improving safety levels in new designs, the future availability and potential role of different reactor designs. The latter could also include a discussion of the use of nuclear energy for non-electricity producing applications, such as desalination or process heat.

- Infrastructure development and support for countries considering introducing nuclear power.

This will provide an opportunity to discuss the range of infrastructure challenges that countries considering introducing nuclear power may face, and the options available to meet these challenges. Considerations of the implications of infrastructure development for achieving safety objectives will also be discussed.

- Reliable fuel supply, spent fuel and waste management.

This will provide for discussions on the security of energy supply in general, addressing current and future trends in the availability of nuclear fuel, including the security of nuclear fuel supply. This topic will also allow for discussions about options to reduce the spread of spent fuel and waste storage facilities.

All the above issues will be presented by internationally recognized experts, to be followed by panel discussions with and among the participants.