nal Atomic Energy Agency Atoms for Peace

"The use of nuclear energy for meeting basic human needs is likely to expand in the coming decades. The Agency has a key role to play in ensuring that nuclear technologies are used to help relieve hunger, combat disease and raise the living standards of the poor. The world must also be able to count on the IAEA to ensure that nuclear energy is used safely and securely and verify that nuclear material is not diverted to military purposes."

IAEA Director General Dr. Mohamed ElBaradei

Pre-registration for this meeting will take place at the Vienna International Centre (VIC), Wagramer Strasse 5 (checkpoint/gate 1) on Friday, 26 September as of 9.00 a.m. and on Sunday, 28 September as of 2.30 p.m. at the Austria Center Vienna (ACV).

Registration as of Monday, 29 September 2008 will take place at the Austria Center Vienna only, beginning at 8.00 a.m.

For general information: http://www-pub.iaea.org/MTCD/Meetings/vicservices.asp Further information and on-line registration: http://www-pub.iaea.org/MTCD/Meetings/Meetings.asp

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**Scientific Forum** during the 52nd Regular Session of the **IAEA** General Conference

30 September – 1 October 2008 Conference Room C. Austria Center Vienna

Forum Chair: The Hon Ruud Lubbers Guest Speaker: The Hon Sam Nunn

## The Future Role of the IAEA





#### **Opening Session**

Tuesday, 30 September 2008 10:00 a.m.

Director General, IAEA: Dr. Mohamed ElBaradei Forum Chair: The Hon Ruud Lubbers Guest Speaker: The Hon Sam Nunn

## Session 1

Tuesday, 30 September 2008 10:30 a.m.

# Nuclear Energy: The Role of the IAEA in Meeting Energy Needs

Session Chair: J. Bouchard

#### **Keynote Speakers:**

J. Bouchard	Nuclear Energy and the IAEA in 2020
K. Kopr	Future IAEA Roles in Support of Building Infrastructure, Capacity and Human Resources: Perspective of a Prospective Newcomer
V. Asmolov	Future IAEA Roles in Support of Technology and Innovation: Perspec- tive of a 'Mature' Country
R. Cirimello	Future IAEA Roles in Support of Sustainable Nuclear Energy

H. Engelbrecht Multinational Fuel Cycle Approaches



Session 2

Tuesday, 30 September 2008 3:00 p.m.

#### The Role of the IAEA in Meeting Development Needs

Session Chair: V. Ramamurthy

#### **Keynote Speakers:**

V. Ramamurthy	Reaching the Unreached: The Challenge of Making Nuclear Technologies for Development Acceptable, Accessible and Affordable
M. Noori Naeini	World Food Security: Challenges and Opportunities for Stronger Partnerships
S. Sorooshian	Assessment and Impact of Regional Water Resources Variability on Energy Production and Development
R. Burton	Globalisation of Cancer and the Challenge of Improving Cancer Cure and Care in Developing Countries
P.Y. Ng'Wandu	Meeting Development Needs through the Application of Nuclear Science and Technology: The Role of the IAEA



### Session 3

Wednesday, 1 October 2008 10:00 a.m.

#### Nuclear Safety and Security: Enabling a Nuclear Future

Session Chair: R. Meserve

#### Keynote Speakers:

R. Meserve	Introduction and Overview
Li Ganjie	Safety and Security Challenges for Developing Nuclear Programmes
J. Hashmi	Developing a Normative Approach to Nuclear Security
M. Weightman	A Harmonised Approach to Safety and Security
U. Schmocker	Advancing International Consensus in Nuclear Safety/Security Regulation
T. Zhantikin	Moving Towards a Mandatory Safety and Security Regime



#### Session 4

## Wednesday, 1 October 2008 3:00 p.m.

## IAEA Safeguards and Verification: A Contribution to Nuclear Non-Proliferation

Session Chair: T. Varjoranta

#### ynote Speakers:

Varjoranta	Introductory Remarks: The 20/20 Vision
Y. Yel'chenko	Future Non-Proliferation Challenges
Tobey	The Next Generation Safeguards Initiative
Sobral larte	Nuclear Disarmament and the Verification Role of the IAEA
Nakane	Advanced Nuclear Fuel Cycles and Safeguards

