

# **5<sup>th</sup> INPRO Dialogue Forum on Global Nuclear Energy Sustainability Long-term Prospects for Nuclear Energy in the post-Fukushima Era**

## **WELCOME ADDRESS**

**Dr. Youn Ho JUNG, President of KAERI**

**27 August 2012**

**Seoul, Republic of Korea**

Honorable Mr. Alexander Bychkov, Deputy Director General of the IAEA,  
Mr. Yul-Rae Cho, Vice Minister of the Ministry of Education, Science and Technology,  
Distinguished delegates, Ladies and gentlemen,

It is my great pleasure to attend the IAEA Dialogue Forum on the Long-term Prospects for Nuclear Energy in the Post-Fukushima Era.

On behalf of the Korea Atomic Energy Research Institute, I would like to extend my sincere gratitude and warm welcome to all the participants of this forum both from at home and abroad. My special thanks go to the foreign participants who traveled a long distance to participate in the forum. It gives me an added pleasure that this important forum is being held for the first time outside of the IAEA headquarters.

We have had an unusually a long spell of hot weather this summer. By experiencing hotter and hotter weather with each passing year, we have come to once again realize the severity of climate change, which illustrates the importance of nuclear energy and the serious need to map out future directions for nuclear energy.

Your level of participation in this forum underscores its significant role as a strategic dialogue channel to facilitate an information exchange on nuclear innovation among technology holders, technology users, and other stakeholders for the sustainable development of nuclear energy.

It is very encouraging to note that in recognition of the worldwide growing interest in multi-purpose small- and medium-sized reactors (SMRs), the IAEA has provided valuable assistance by holding the IAEA Dialogue Forum on addressing the outstanding issues of SMRs in October 2011. Related to this, the Standard Design Approval (SDA) for SMART, a 100MWe (330MWth) integral reactor indigenously developed by Korea, was issued on July 4th, 2012 by the Korean regulatory body. We are committed to readily and actively sharing our expertise and experience gained from the SMART development over the past years with the IAEA member states through various channels.

I believe that the theme of this year's forum is very important as we will have the opportunity to reach a consensus on the sustainability of nuclear energy, identify the major issues to be urgently addressed, and map out future directions that the nuclear energy community should take. Also, it is very timely to discuss such important issues as long-term prospects for nuclear energy, vision, and strategies for future nuclear energy development programs at the national and regional levels and for the development of innovative future nuclear energy systems, nuclear safety after the Fukushima accident, and public communication.

I sincerely hope that a constructive and lively discussion can be conducted through your active

participation and contribution, and that meaningful outcomes and concrete action plans will be drawn out at this forum.

An active engagement through the collaboration of the IAEA member states is a prerequisite for the construction of a bright nuclear future, and I am confident that your valuable efforts will be the foundation upon which a better nuclear energy future can be built.

In conclusion, I would like to commend the IAEA Secretariat's dedicated efforts for successfully organizing this forum. At the same time, my appreciation goes to the co-chairs, staff from MEST and KAERI, co-hosts of this forum, for their immense efforts to make this meaningful forum possible.

I wish you the best for a successful forum and I hope your remaining stay in Korea will be a pleasant and fruitful one.

Thank you very much.