Panelists

Moderator:
• Prof. Masahiko Asada (Graduate School of Law, Kyoto University, Japan)

Panelists:
• Mr. Frédéric Claude (Section Head, Section for Safeguards Programme and Coordination, IAEA)
• Mr. Stephen LaMontagne (Advisor, Bureau of International Security and Nonproliferation, Department of State, USA)
• H.E. Mr. Takeshi Nakane (Ambassador for Science and Technology Cooperation, Special Assistant to the Minister for Foreign Affairs, Japan)
• Mr. Yosuke Naoi (Director, ISCN, JAEA)
Outline of Panel Discussion 1

Topics:

1. Effectiveness and efficiency of the IAEA Safeguards

2. Steps towards denuclearization of DPRK
1. Effectiveness and efficiency of the IAEA Safeguards

✓ Implementation of the Joint Comprehensive Plan of Action (JCPOA)

Question A: Any good practices in implementation of JCPOA?

How about cooperation with Iran in the area of capacity building?
1. Effectiveness and efficiency of the IAEA Safeguards

✓ Strengthening the Effectiveness and Improving the Efficiency of IAEA Safeguards
1. Effectiveness and efficiency of the IAEA Safeguards

Question B: Any comments on ongoing efforts in strengthening the effectiveness and improving the efficiency of the IAEA safeguards?

Safeguards environment is changing fast

1. Increase in demand 2010-2017
   - +21% Nuclear material under Safeguards

2. Increasing spent fuel transfers & decommissioning
   - +10% Nuclear facilities & locations outside facilities under Safeguards
   - Irradiated plutonium under Safeguards

3. Increasing Volume of information and more global nuclear cooperation & trade
   - e.g. big data, globalization, connectivity
1. Effectiveness and efficiency of the IAEA Safeguards

**Question C:** Any comments on what kind of safeguards approaches will be essential in order to address emerging challenges in an effective and efficient manner?

**Foreseeable emerging safeguards challenges**
- New nuclear power reactors e.g. SMR
- Decommissioning existing facilities
- Increasing the amount of IAEA inspection activities
Open Floor Discussion
2. Steps towards denuclearization of DPRK

Question D: Any comments on possible application of good practices, and the role of IAEA and member states in such denuclearization process?

Foreseeable challenges for denuclearization

✓ International frameworks for denuclearization
✓ Dismantlement and removal of nuclear weapons etc.
✓ Verification for all stages in the process
✓ Other elements, if any
2. Steps towards denuclearization of DPRK

Question E: Any comments on future prospects, specifically technical contributions to achieving denuclearization of DPRK from global stakeholders including JAEAE?
Open Floor Discussion
Summary of discussions