



**INPRO**  
International Project on  
Innovative Nuclear Reactors  
and Fuel Cycles

## AGENDA

### INPRO Dialogue Forum on Roadmaps for a Transition to Globally Sustainable Nuclear Energy Systems

20-23 October 2015

IAEA Headquarters, Vienna, Austria,  
Vienna International Centre (VIC), M Building, M2

Tuesday	Day 1
20 October	
08:30–09:30	<i>Installing presentations</i>
<b>Session 1 – Opening and IAEA/INPRO Presentations</b>	
09:30–09:45	Opening of the meeting <i>Mr Dohee Hahn, Division Director for Nuclear Power of the Department of Nuclear Energy (IAEA)</i> Opening remarks and welcoming address <i>Chairman: Mr Luc Van Den Durpel, Belgium</i>
09:45–10:00	Objective, Procedures and the Agenda of the Forum <i>Mr Vladimir Kuznetsov, Scientific Secretary</i>
10:00–10:30	The UN concept of sustainable development and sustainability of nuclear energy systems <i>J. R. Phillips, INPRO Section Head</i>
10:30–11:00	Energy system planning and nuclear as part of a national energy mix, PESS <i>Mr Ahmed Irej Jalal</i>
11:00–11:15	<i>Coffee-break</i>
11:15–11:45	INPRO Methodology for nuclear energy system assessment <i>Mr A. Korinny, INPRO</i>
11:45–12:15	Analytical framework for assessing dynamic nuclear energy systems for sustainability <i>Ms Galina Fesenko, Scientific Secretary</i>
12:15–12:45	Completed, on-going and planned activities of the INPRO Task 1 “Global scenarios” and their major findings. <i>Mr Vladimir Kuznetsov, Scientific Secretary</i>
12:45–14:00	<i>Lunch</i>
<b>Session 2 – Approaches to roadmapping and issues for roadmap development.</b>	
14:00–14:30	Options for nuclear energy sustainability <i>Mr Vladimir Kuznetsov, Scientific Secretary</i>
14:30–15:00	The Roadmap template and examples of its application <i>Mr Vladimir Usanov, Russia</i>
15:00–15:20	Advance analytical tools for roadmap development <i>Mr Andrey Andrianov, IAEA consultant/ Ms Galina Fesenko</i>
15:20–15:50	Global P&T and ADS roadmap <i>Mr Gert Van Den Eynde</i>
15:50–16:15	<i>Coffee-break</i>
<b>Session 3 – Near-term actions to enhance NES sustainability through collaboration</b>	
16:15–16:50	Synergies among the various nuclear energy technologies and options to amplify them by cooperation among countries in nuclear fuel cycle <i>Mr Vladimir Kuznetsov, Scientific Secretary</i>
16:50–17:25	Near-term actions to enhance NES sustainability through collaboration <i>Mr Vladimir Kuznetsov, Scientific Secretary</i>
17:25–18:00	Non-electrical applications and synergies with non-nuclear energy sources <i>Mr Vladimir Nevinitza, Russia</i>
18:00	Adjourn
18:15	<i>Reception hosted by the IAEA</i>



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<b>Wednesday</b>	<b>Day 2</b>
<b>21 October</b>	
<b>Session 4 – National presentation: Options and preferences of Member States regarding their positions and roles in the global nuclear energy system</b>	
9:00–9:25	Presentation from Armenia <i>Mr Sargsyan Vahan</i>
9:25–9:50	Presentation from Bangladesh <i>Mr Mohammad Khalaquzzaman</i>
9:50–10:15	Presentation from Bangladesh <i>Mr Abid Imtiaz</i>
10:15–10:40	Presentation from Bulgaria, (Sustainable development of nuclear energy from viewpoint of users of nuclear technology) <i>Mr Pavlin Grudev</i>
10:40–11:00	<i>Coffee-break</i>
11:00–11:25	Presentation from Belarus <i>Mr Trifonov Alexander</i>
11:25–11:50	Presentation from China <i>Mr Yan Mingyu/ Mr Zhou Keyuan</i>
11:50–12:15	Presentation from China <i>Mr Yan Mingyu</i>
12:15–14:00	<i>Lunch</i>
14:00–14:25	Presentation from Croatia (Possible role of NPP in long term Carbon development strategy - case study Croatia) <i>Mr Tomsic Zeljko</i>
14:25–14:50	Presentation from Egypt <i>Dr Said Abdou Kotb Sabry</i>
14:50–15:15	Presentation from France <i>Mr Michel Berthelemy/ Mr Senentz Gerald</i>
15:15–15:40	Presentation from France (Potential role of nuclear power in the transition towards a sustainable, low carbon and robust energy mix: the French perspective) <i>Mr Michel Berthelemy and Mr François Storrer</i>
15:40–16:00	<i>Coffee-break</i>
16:00–16:25	Presentation from India (Indian outlook for globally sustainable NES) <i>Mr Basak Abhishek</i>
16:25–16:50	Presentation from Indonesia (Viable options of Fuel Cycle for NPP introduction in Indonesia) <i>Mr Bambang Herutomo</i>
16:50–17:15	Presentation from Indonesia (Resume of the development of Indonesia's nuclear fuel cycle roadmap) <i>Mr Ridwan Ridwan</i>
17:15–17:45	Presentation from Malaysia (Applying NESA in Malaysia) <i>Mr Jamal Noriah,</i>
17:45–18:15	Presentation from Mexico (Collaboration on the way to Sustainable Nuclear Energy Systems) <i>Ms Martin del Campo Marquez</i>



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Thursday 22 October	Day 3
<b>Session 4 – National presentation: Options and preferences of Member States regarding their positions and roles in the global nuclear energy system (Cont)</b>	
9:00–9:25	Presentation from Morocco (Study of key issues addressing the development of a nuclear program as a sustainable alternative) <i>Mrs Oum Keltoum BOUHELAL</i>
9:25–9:50	Presentation from Romania <i>Ms Cristina Alice Margeanu</i>
9:50–10:15	Presentation from Russia (Transition to a Sustainable Nuclear Energy System in Russia: Specific Features. A Look from the Kurchatov Institute) <i>Mr Gagarinskiy Andrey</i>
10:15–10:45	<i>Coffee-break</i>
10:45–11:10	Presentation from Thailand (Application of the INPRO Roadmap template with respect to Thailand nuclear energy programme) <i>Mr Rassame Somboon</i>
11:10–11:35	Presentation from Ukraine (International collaboration in developing sustainable nuclear energy system of Ukraine for near and medium term (2030-2035)) <i>Mr Benkovskiy Leonid</i>
11:35–12:00	Presentation from Ukraine (New vision on development of nuclear energy generation of Ukraine) <i>Mr Godun Oleg</i>
12:00–13:45	<i>Lunch</i>
13:45–14:10	Presentation from USA <i>Mr Brent Dixon, USA</i>
14:10–14:35	Presentation from Viet Nam (Capability building for nuclear power programme of Vietnam) <i>Mr Nguyen Tuan Khai</i>
14:35–15:00	Presentation from Viet Nam (Sustainable nuclear energy system development: practical issues in Viet Nam) <i>Mr Le Doan Phac</i>
15:00–15:30	<i>Coffee-break</i>
<b>Session 5 – Drivers and impediments for collaboration among countries in nuclear fuel cycle towards globally sustainable nuclear energy</b>	
15:30–16:00	Major finding of the INPRO Dialogue Forum 10 “Cooperative Approaches to the Back End of Nuclear Fuel Cycle: Drivers and Legal, Institutional and Financial Impediments” – <i>Mr Aleksey Grigoriev INPRO</i>
16:00–16:30	<i>Mr Yuri Yudin, IAEA SG, Developing Safeguards Approaches for Future Encapsulation Plants and Geological Repositories</i>
16:30–17:00	<i>Mr Stig Isaksson, NSNS, Tentative title: Security perspective on fuel cycle back end</i>
17:00–17:30	<i>Mr Stefan Mayer, NEFW: Major findings of the IAEA activities on cooperative solutions for waste repositories</i>
17:30–17:45	Users’ perspective <i>Ms Cristina Alice Margeanu, Romania</i>
17:45–18:00	Suppliers perspective <i>Mr Luc Van Den Durpel, Belgium</i>
18:00	Adjourn



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<b>Friday</b>	<b>Day 4</b>
<b>23 October</b>	
<b>Results and closing of the meeting</b>	
9:00–10:15	Participants comments to the draft discussion paper “Options for Enhanced Nuclear Energy Sustainability” <i>Mr Vladimir Kuznetsov, Scientific Secretary</i>
10:15–10:30	Summary of responses to Questionnaire <i>Ms Galina Fesenko, Scientific Secretary</i>
10:30–10:45	Summary on the Roadmap template national/ regional/global application <i>Mr Vladimir Usanov, Russia</i>
10:45–11:00	Summary on near-term actions to enhance NES sustainability through collaboration <i>Mr Brent Dixon, USA</i>
11:00–11:15	Coffee-break
11:15–11:30	Summary of drivers and impediments for collaboration among countries in nuclear fuel cycle towards globally sustainable nuclear energy <i>Ms Cristina Alice Margeanu, Romania</i>
11:30–11:45	Overall summary of national presentation, lectures, keynote speeches and discussions of the Forum <i>Chairman: Mr Luc Van Den Durpel, Belgium</i>
11:45–12:00	Concluding remarks from the IAEA DDG and closing of the meeting
12:00	Adjourn