

INTERNATIONAL PROJECT ON INNOVATIVE NUCLEAR REACTORS  
AND FUEL CYCLES (INPRO)

# *Objectives and Agenda*

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***INPRO Dialogue Forum on International Collaboration on Innovations to  
Support Globally Sustainable Nuclear Energy Systems***

*IAEA Headquarters, Vienna, 18-21 November 2014*



**IAEA**

International Atomic Energy Agency

# Dialogue Forum Objectives



- ◆ To discuss **lessons learned**, and to share **experience and good practices** in selected areas related to the **establishment of effective collaboration mechanisms in support of innovations and R&D**
- ◆ To discuss **constraints and barriers encountered and ways of overcoming these**, in relation to the establishment and performance of collaboration mechanisms
- ◆ To discuss **options to enhance collaboration in support of development and deployment of innovative NESs** and associated innovative technologies and institutional arrangements
- ◆ To collect **additional data for a new IAEA publication** provisionally entitled *Enhancing Collaboration in Innovations to Support Sustainable Nuclear Energy Systems*

# Four Major Topics



1. **Driving forces** of collaboration on innovations
2. **Intellectual property management** within the context of collaboration on innovations
3. **Collaboration between technology users, technology holders and other organizations on the infrastructure** and institutional arrangements necessary for the development and deployment of sustainable NESs
4. How to **increase the trust between partners** involved in collaboration on innovations to support the development of sustainable NESs

# Dialogue Forum Overall Agenda



☐ Please see the programme (Rev 2) in your folders

☐ Plenary sessions:

✓ 5 plenary sessions on 18 – 21 November

✓ Meeting Room M3

✓ Q/A and discussion sessions involving the panelists

✓ Concluding remarks of Chairpersons at the final plenary discussion on 21 November (templates been provided)

☐ 4 x 2 break-out sessions (19 and 20 November 2014)

- On four major topics
- Presentations, discussions, statement preparation
- Rooms for break-out sessions: MOE10, MOE05, M3, MOE27
- Reports from break-out sessions at the final plenary discussion on 21 November (templates been provided)

PROGRAMME	
INPRO Dialogue Forum on International Collaboration on Innovations to Support Globally Sustainable Nuclear Energy Systems	
IAEA Headquarters, Vienna, Austria, 18-21 November 2014 14-TM-47474 Vienna International Centre (VIC), 8 Building, Room M3 Rev 2 of 2014-11-02	
Thursday 18 November	Day 1
08:30-09:20	Opening presentations for Day 1
09:30-09:45	Opening of the meeting Chairman: EC/INPRO Deputy Director General, Head of the Department of Nuclear Energy (DNA)
09:45-09:55	Opening remarks and introductory address Chairman: EC/INPRO Deputy Director General, Head of the Department of Nuclear Energy (DNA)
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09:45-09:55	Chairman: EC/INPRO Deputy Director General, Head of the Department of Nuclear Energy (DNA)
10:15-11:45	Chairman: EC/INPRO Deputy Director General, Head of the Department of Nuclear Energy (DNA)
11:45-11:55	Chairman: EC/INPRO Deputy Director General, Head of the Department of Nuclear Energy (DNA)
11:55-12:05	Chairman: EC/INPRO Deputy Director General, Head of the Department of Nuclear Energy (DNA)
12:05-12:35	Chairman: EC/INPRO Deputy Director General, Head of the Department of Nuclear Energy (DNA)
12:35-13:30	Chairman: EC/INPRO Deputy Director General, Head of the Department of Nuclear Energy (DNA)
13:30-14:30	Chairman: EC/INPRO Deputy Director General, Head of the Department of Nuclear Energy (DNA)
14:30-14:45	Chairman: EC/INPRO Deputy Director General, Head of the Department of Nuclear Energy (DNA)
14:45-15:00	Chairman: EC/INPRO Deputy Director General, Head of the Department of Nuclear Energy (DNA)
15:00-15:30	Chairman: EC/INPRO Deputy Director General, Head of the Department of Nuclear Energy (DNA)
15:30-16:00	Chairman: EC/INPRO Deputy Director General, Head of the Department of Nuclear Energy (DNA)
16:00-16:30	Chairman: EC/INPRO Deputy Director General, Head of the Department of Nuclear Energy (DNA)
16:30-16:45	Chairman: EC/INPRO Deputy Director General, Head of the Department of Nuclear Energy (DNA)
16:45-17:00	Chairman: EC/INPRO Deputy Director General, Head of the Department of Nuclear Energy (DNA)
17:00-17:15	Chairman: EC/INPRO Deputy Director General, Head of the Department of Nuclear Energy (DNA)
17:15-17:30	Chairman: EC/INPRO Deputy Director General, Head of the Department of Nuclear Energy (DNA)
17:30-18:20	Chairman: EC/INPRO Deputy Director General, Head of the Department of Nuclear Energy (DNA)
18:30	Chairman: EC/INPRO Deputy Director General, Head of the Department of Nuclear Energy (DNA)

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IAEA Headquarters, Vienna, Austria, 18-21 November 2014 14-TM-47474 Vienna International Centre (VIC), 8 Building, Room M3 Rev 2 of 2014-11-02	
Break-out sessions	
Friday 19 November	Day 2
13:45-17:30	Break-out session 1.1: Driving forces of collaboration on innovations Facilitator: Mr. Jaeger KURTZ and Mr. Vladimir KUZNETSOV
13:45-14:00	Introductory remarks by the facilitator
14:00-14:15	Chairman: EC/INPRO Deputy Director General, Head of the Department of Nuclear Energy (DNA)
14:15-14:30	Chairman: EC/INPRO Deputy Director General, Head of the Department of Nuclear Energy (DNA)
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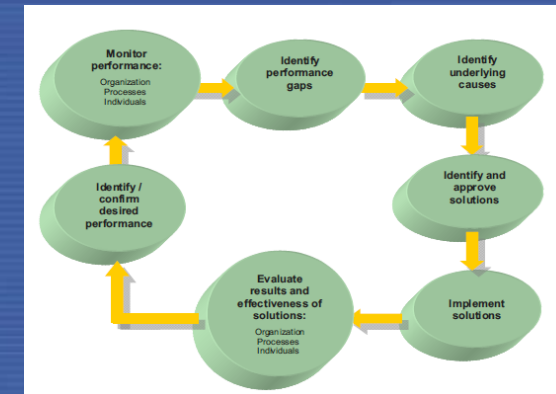


# Continuous Improvement



## Feedback from previous Dialogue Forums:


- ✓ **Insufficient time for Q/As and discussions during the panel sessions**
  - More time planned
  - Involvement of panelists
  - We encourage to ask questions, discuss and elaborate
  
- ✓ **Insufficient time for Q/As and discussions during the break-out sessions**
  - More break-out sessions
  - Smaller groups
  - Suggested topics – well in advance allowing for preparation



# Topics for Break-Out Sessions



- ✓ Suggested in the programme
- ✓ These are the examples based on earlier recommendations
- ✓ Could be covered in different details
- ✓ Participants of the break-out session may concentrate only on some of them, or arise other subjects of interest
- ✓ The most important is to provide an opportunity to discuss:
  - ✦ What to focus on while enhancing collaboration
  - ✦ How to move forward in the most helpful way
  - ✦ What obstacles to foresee and overcome
  - ✦ What good practices to employ

PROGRAMME	
 INPRO International Project on Innovative Nuclear Reactors and Fuel Cycles	<b>INPRO Dialogue Forum on International Collaboration on Innovations to Support Globally Sustainable Nuclear Energy Systems</b> IAEA Headquarters, Vienna, Austria, 18-21 November 2014 Vienna International Centre (VIC), M Building, Room M3 14-TM-47674 Rev 2 of 2014-11-12
Topic 2 – Break-out sessions	
Wednesday 19 November	Day 2
13:45-17:30	Break-out session 2-1: Intellectual property management within the context of collaboration on innovations Room MOE05 Facilitators: Mr Johannes Heinz GODDAR and Mr Arunkumar SRIVASTAVA
13:45-14:00	Introductory remarks by the facilitators
14:00-14:25	Johannes Heinz GODDAR (Germany, BOEHMERT & BOEHMERT, Professor) Employees' inventions and model agreements for Industry-Research collaboration
14:25-17:30 (breaks as needed)	Question / answer session. Discussion on selected topics. <u>Suggested topics:</u> <ol style="list-style-type: none"> <li>a. Specificity of IP management within the context of collaboration on innovations in the nuclear field;</li> <li>b. How to handle IP background and foreground;</li> <li>c. Prerequisites for successful management of IP, including:                             <ul style="list-style-type: none"> <li>- Legal and organizational infrastructure;</li> <li>- Adequate funding;</li> <li>- Human capital;</li> <li>- Specialized IP tools (including databases and other software tools);</li> </ul> </li> <li>d. Harvesting and incentivization systems;</li> <li>e. Technology transfer contracts and licensing, and extracting value of IP;</li> <li>f. Collaboration vs. competition, and related IP issues; and</li> <li>g. IP infringements: enforcement and prevention.</li> </ol>
Thursday 20 November	Day 3
16:30-18:00	Break-out session 2-2: Intellectual property management within the context of collaboration on innovations Room MOE05 Facilitators: Mr Johannes Heinz GODDAR and Mr Arunkumar SRIVASTAVA
16:30-18:00 (breaks as needed)	Discussion on selected topics. <u>Suggested topics:</u> <ol style="list-style-type: none"> <li>a. Challenges, obstacles to overcome, solutions and good practices associated with IP management within the context of collaboration on innovations and technology transfer activities;</li> <li>b. Confidentiality and IP protection versus transparency and safety;</li> <li>c. Impact of the IP aspect on the effectiveness of collaboration;</li> <li>d. Whether IP can be used as a lever to accelerate collaborative work instead of acting as a barrier.</li> </ol> Preparation of a joint report (a 10-minute PowerPoint presentation) containing key points, major observations and conclusions for the last plenary session on the 21st of November.

Filename: Programme-IAEA-14-TM-47674-INPRO\_0\_DF-18-21-November-2014\_Rev-2.docx

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# Participants of Break-Out Sessions



- ✓ Suggested attendees of **particular** break-out sessions for the **four topics** – in your folders
- ✓ **Distribution** was made based on:
  - Your preferences (when expressed)
  - Presentations (and presenters accordingly) at the particular break-out sessions
  - Opinion of the Scientific Secretaries of how the participants can contribute to a particular break-out session in the most helpful and effective way
- ✓ **Some** participants will take part in break-out sessions on different topics (**i.e. in different groups**)
- ✓ Adjustments, of course, are possible
- ✓ **Rapporteurs** at the final plenary discussion session – one of facilitators from each group

INPRO Strategic Plan on International Collaborations on Innovation to Support IAEA's Sustainable Nuclear Energy System  
IAEA Headquarters, Vienna, Austria, 19-27 November 2014  
Attendees of Break-Out Sessions on 19 and 20 November 2014  
Topic 1

COUNTRY ORGANIZATION	PARTICIPANT	Break-out Sessions	
		19 November 2014 Wednesday	20 November 2014 Thursday
Chile	Mr. Lora, Marcelo	1-1	1-2
Egypt	Mr. Ibrahim, Mohamed M. Abdel-Razek	1-1	1-2
Germany	Mr. Kopp, Jürgen	1-1	1-2
Indonesia	Mr. Tarys, Fernando	1-1	1-2
Pakistan	Mr. Syed, Mohamud Ali Shah	1-1	1-2
Romania	Mr. Rios, Adrian	1-1	1-2
Russian Federation	Mr. Gagarinsky, Andrey	1-1	1-2
Thailand	Mr. Silva, Kampanat	1-1	1-2
Ukraine	Mr. Dudkin, Oleh	1-1	1-2
United Kingdom	Mr. Napier, Stephen Trevor	1-1	1-2
United States of America	Ms. Harding, Margaret	4-1	1-2

Website: Break-out\_sessions\_attachments/Topic\_1/Report/Breakout-1.docx Page 1 of 1

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Thank you for your attention

Merci de votre attention

Спасибо за внимание

Gracias por tu atención