

<b>Name:</b>	<b>Roadmap methodology training in Russia</b>
<b>Type:</b>	Training workshop
<b>Date and venue:</b>	4 June 2012, Moscow – World Trade Centre, Angara Conference Hall
<b>No. of participants</b>	30-40 people
<b>Objectives:</b>	The workshop objective is for the IEA to provide training to Russian experts members of the national Technology Platforms (including bioenergy, environmentally clean power generation of high efficiency, smart grids and distributed power generation) on how to develop energy technology roadmaps. Based on Russia’s stated technology priorities, the training will specifically focus on how to develop roadmaps for high efficiency thermal power and bioenergy.
<b>Details:</b>	<p>1 day training workshop provided by IEA expert(s) to those Russian stakeholders responsible for leading/authoring the development of national energy technology roadmaps. The training will maintain a generic (non-technology specific) approach, and thus will examine methodology best practice rather than technology specific policy options.</p> <p><b>Final agenda (~5h):</b> 9.30-10.00 registration</p> <p>10h-11h30 <b>Session 1 - Introduction to roadmaps (1h30)</b> <i>Coordinated by Cecilia Tam</i></p> <ul style="list-style-type: none"> <li>• Introduction by Boris Reutov, NBIK-Center Deputy Director, RNC Kurchatov Institute, Deputy Chair of INTER RAO S&amp;T Council, Bioenergy TP coordinator (5-10min);</li> <li>• Roadmap introduction by Cecilia Tam, Senior Energy Analyst - Roadmaps and Technology Innovation Policy, Directorate of Energy Policy and Technology, IEA (30-35min);</li> <li>• Discussion co-chaired by Cecilia Tam and Boris Reutov, covering key challenges experienced by Russian technology platforms in their roadmapping efforts: how to adapt the IEA methodology to the Russian context? (30min).</li> </ul> <p>11h30-11h45 <i>Coffee break – 15min</i></p> <p>11h45-13h30 <b>Session 2 - Roadmap scope (1h45)</b> <i>Coordinated by Cecilia Tam</i></p> <p><b>Exercise 1 (plenary): Scoping a technology roadmap</b> (e.g. objectives; targets; main stakeholders).</p> <p>Structure of the session:</p> <ul style="list-style-type: none"> <li>• “TP Environmentally clean power generation of high efficiency” and roadmaps developed by it – presented by Nikolay Rogalev, Deputy Managing Director of the Foundation “Energy without borders”, Director of TP “Environmentally clean power generation of high efficiency” (15min);</li> <li>• “TP Bioenergy” presented by Boris Reutov, NBIK-Center Deputy Director, RNC Kurchatov Institute, Bioenergy TP coordinator (15min).</li> </ul> <p><u>Discussions</u> (technology A and B will be covered consecutively – 30-35min each):</p> <p><i>Technology A: Environmentally clean power generation of high efficiency, co-chaired</i></p>

by Ellina Levin, IEA and Nikolay Rogalev, Foundation “Energy without borders”.

- Thematic discussion (20-25min);
- Q&A (10min).

*Technology B: Bioenergy, co-chaired by Anselm Eisentraut, IEA and Boris Reutov, Kurchatov Institute.*

- Thematic discussion (20-25min);
- Q&A (10min).

Thematic discussion: after the two presentations, workshop participants will be guided by the co-chairs through the discussion on how to improve the current scope of the roadmaps for environmentally clean power generation of high efficiency and for bioenergy. In particular, the discussion will cover the following issues:

- a. Goals;
- b. Timeframe;
- c. Stakeholders.

13h30-14h00 Lunch (30 min)

14h00-15h00 **Session 3 - Development of roadmap milestones (1h)**

*Coordinated by Cecilia Tam*

**Exercise 2: Develop a timeline of major milestones** that should be included in the development of a technology roadmap (continuation of exercise 1) – breakout in 2 smaller groups (45min):

- **Group 1 will focus on bioenergy** (discussions co-chaired by Anselm Eisentraut and Boris Reutov)
- **Group 2 will focus on environmentally clean power generation of high efficiency** (discussions co-chaired by Ellina Levina and Nikolay Rogalev)
- Each group to report the results of the exercise in plenary + Q&A (10min)

15h00-15h15 **Conclusions (15 min)**

Wrap-up of the day by:

- Cecilia Tam, IEA

**Project partners:**

- International Energy Agency;
- OAO InterRAO UES;
- Energy without Borders Foundation;



**Contact the Technology Platform for more information**

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