IRENA lunch time seminar (1)
Addressing Variable Renewables in Long-Term Energy Planning (AVRIL)

June 4, 2015, 12:10-13:10

System integration of high shares of renewable energy requires both long term techno-economic planning in the energy sector as well as short term network design in the power sector. In particular, long term scenario planning is key to enabling the transition to a renewables-based energy system, as experience from countries that are on the way to such a transition shows. There is a lack of established best practices on energy planning with high shares of renewables, which hinders countries' efforts to establish credible long term energy plans to guide their policy decisions.

IRENA initiated the AVRIL (Addressing the Variable Renewables in Long-term Planning) project, aiming at collecting methodologies and best practices for long term planning, particularly regarding how to integrate variable renewable energy (VRE) into such planning in the context of developing countries.

Last year at IEW 2014 in Beijing, IRENA organized a special session "Brain storming session on the modelling of renewables for policy making". Since then IRENA has been preparing a catalogue of methodologies on modelling variable renewable energy in consultation with energy planning offices at governmental institutions as well as with energy modelling community.
In this seminar, IRENA share the progress on the AVRIL project, and discuss the way forward.

Agenda
The seminar is chaired by Professor Brian O'Galachoir of University College Cork, Ireland.

12:10-12:15	Welcome and introduction
12:15-12:40	Planning integration of high share of VRe • Findings from the AVRIL expert meeting in March 2015, North African perspective: **N. Saadi** (IRENA) • Saudi Arabia's experience with the use of model for policy making: **I. Babelli** (King Abdullah City for Atomic and Renewable Energy) • Q&A
12:40-12:50	AVRIL project status updates: **A. Miketa** (IRENA)
12:50 – 12:55	Key observations from the AVRIL expert meeting in March 2015: **R. Pietzcker** (Potsdam Institute for Climate Studies)
12:55 – 13:00	How the models are used in planning integration of RE into power system in Ireland: **P. Deane** (University College Cork)
13:00 – 13:10	**Q&A**
13:10 – 13:15	Wrap up