

**Nuclear Energy Agency Expert Workshop on the
“Modelling Employment in the Nuclear Power Sector”**

**NEA Headquarters
12 boulevard des Iles, Issy les Moulineaux, Room B**

13 FEBRUARY 2014

Introduction to workshop

- 9:30-9:45 “NDD, NEA Activities in the 2013-2014 Programme of Work”
Ron Cameron, Head of the Nuclear Development Division, NDD, of the NEA
- 9:45-10:00 “Social and Economic Impacts of Nuclear Power: Overview of the Workshop”
Geoffrey Rothwell, Principle Economist, NDD
- 10:00-10:15 “IAEA, Nuclear Power, and Macroeconomic Analysis”
Victoria Alexeeva-Talebi, Planning and Economic Studies Section, International Atomic Energy Agency

Session I: Input-Output Modelling of the Nuclear Power Sector (Chair: Ron Cameron)

- 10:15-10:40 “Input-Output Analysis in Perspective”
Jan Horst Keppler, Senior Economics Advisor, NDD
- 10:40-11:15 “Primer on Input-Output Modelling,” G. Rothwell, Principle Economist, NDD
- 11:15-11:30 *Coffee and Pastry*
- 11:30-12:30 “Modelling the Nuclear Power Sector with Input-Output Analysis”
Geoffrey Black, Center for Advanced Energy Studies and Boise State University, and Steven Peterson, Clinical Professor, University of Idaho, USA
- 12:30-14:00 *Lunch (invited)*
- 14:00-14:30 “Assessing Socio-Economic Impacts of Energy Technologies with CGE Models”
Robert Beestermöller, University of Stuttgart, Germany
- 14:30-15:00 Discussion – Q&A

Session II: Modelling Employment in the Nuclear Power Sector (Chair: Victoria Alexeeva-Talebi)

- 15:00-15:45 “SMR Employment Assessment in IMPLAN Input-Output Modelling,” Geoffrey Black, Center for Advanced Energy Studies and Boise State University, and Steven Peterson, Clinical Professor, University of Idaho, USA
- 15:45-16:00 *Coffee*
- 16:00-16:45 “Modelling Employment in the American Nuclear Power Sector,”
David Bradish, Manager, Energy and Economic Analysis, Nuclear Energy Institute
- 16:45-17:30 “Modelling Employment in the French Nuclear Power Sector,”
Jeanne Lubek, Management Consultant
- 17:30-18:00 Discussion – Q&A

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Session III: Guidelines for Modelling the Nuclear Power Sector (Chair: Geoffrey Rothwell)

- 9:30-11:00 Discussion of the issue of direct, indirect, and induced employment in the nuclear power sector
- 11:15-11:30 *Coffee and Pastry*
- 11:30-12:30 Discussion with of the issue of the appropriate Input-Output modelling of the nuclear power sector
- 12:30-14:00 *Lunch (Self-paid)*

Session IV: Guidelines for Modelling the Nuclear Power Employment (Chair: Geoffrey Rothwell)

- 14:30-16:00 Discussion of the issue of the appropriate Input-Output parameters for modelling the nuclear power sector for specific countries
- 16:00-16:30 Discussion of future activities