

**Experts' round table on**  
**How Practice Theory and Complex Adaptive Systems Theory can**  
**inform future energy conservation policies**

JRC ISPRA - Room 12ab; building 58c  
Via Enrico Fermi, 2749; 21027 Ispra (VA), Italy  
26-27 February, 2015

**Agenda**

**Thursday, February 26<sup>th</sup>**

**14:00-15:00 Introduction to the main topics under discussion**

Nicola Labanca, Isabella Maschio, Paolo Bertoldi, JRC-IET, Ispra, Italy

**15:00 -15:40 The rhythm of practices: implications for energy demand**

Topic introduced by Elizabeth Shove, Department of Sociology, Lancaster University (UK)

**15:40-16:20 How acknowledging the body could inform policy**

Topic introduced by Grégoire Wallenborn, Université Libre de Bruxelles (BE)

**16:20 – 16:40 Coffee break**

**16:40-17:20 How system thinking approaches and the notion of energy metabolism of urban socioeconomic sectors can inform energy conservation policies**

Brian D. Fath, Department of Biological Sciences, Towson University (US). Topic introduced through JRC video conferencing facility.

**17:20-18:15 General discussion on the most relevant points identified and possible follow up investigation initiatives.**

**Friday, February 27<sup>th</sup>**

**08:30 – 09:20 Trade-off between power and efficiency in the evolution of complex systems**

Topic introduced by Franco Ruzzenenti, Center for the Study of Complex Systems, Siena University (Italy)

**09:20 – 10:00 The added value of social practice theories in designing and coalescing energy-saving policy instruments: the example of energy retrofits in the residential sector.**

Topic introduced by Françoise Bartiaux, Université catholique de Louvain and National Fund for Scientific Research (BE).

**10:00-10:20 Coffee break**

**10:20 - 11:00 Households metabolism and social practices. A model for assessing and changing household consumption**

Topic introduced by Dario Padovan, Department of Culture, Politics and Society, Torino University (Italy)

**11:00 – 11:40 Exploring what works in evaluations of interventions in complex systems: thoughts for energy saving policies**

Topic introduced by David Byrne, School of Applied Social Sciences; Durham University, UK.

**11:40 – 12:40 General discussion on the most relevant points identified and possible follow up investigation initiatives.**

**12:40 – 14:00 Lunch Break**

**14:00 – 14:40 Households perspectives on energy efficiency: timing, duration and sequence of activities**

Topic introduced by Jenny Palm, Department of Thematic Studies, Technology and Social Change, Linköping University, Sweden.

**14:40 – 15:20 Numbers and stories: toward improving what energy sustainability policy can see.**

Topic introduced by Mithra Moezzi, School of Urban Studies and Planning, Portland State University, Oregon (US).

**15:20 – 16:00 Insights from agent based modelling for the design and implementation of energy conservation policies**

Topic introduced by José Halloy, Laboratoire Interdisciplinaire des Energies de Demain, Université Paris Diderot, Paris.

**16:00 – 16:20 Coffee break**

**16:20 - 17:00 Commons Dilemmas in Coupled Infrastructure Systems: Governance challenges, complexity, and scale.**

Marty Anderies, School of Human Evolution and Social Change and School of Sustainability, Arizona State University (US). Topic introduced through JRC video conferencing facility.

**17:00-18:15 General discussion, definition of possible follow up investigation initiatives, conclusions.** Nicola Labanca, Isabella Maschio, Paolo Bertoldi. JRC-IET, Ispra, Italy