



EUROPEAN COMMISSION  
European Research Area



## EU-US Summit on Science, Technology and Sustainable Economic Growth

### Post Carbon Transitions, Visions and Challenges

Brussels Conference, 29 September 2011

European Commission, 73 Rue Archimède (close to rond-point Schuman)

**09.00** Registration and coffee

**09.20** Welcome and opening remarks

*Marion Dewar, member of the Cabinet of Commissioner Máire Geoghegan-Quinn*

*Carl Pierce, Director, Howard Baker Center for Public Policy, The University of Tennessee*

#### **Morning session: Visions of post carbon world**

**Chairperson: Stefaan Vergote, Head of Unit, European Commission, DG Climate Action**

**09.40** Needs of energy services over the 21<sup>st</sup> century

*Bertrand Chateau, President of Enerdata*

**10.00** Round table (10' for each speaker)

*David Biette (Director at Canada Institute, Woodrow Wilson Center) on energy in US*

*Carlo Sessa (Director at ISIS) on urbanization*

*Yves Crozet (Laboratoire d'Economie des Transports) on mobility*

*Nick Gotts (Macaulay Institute) on households*

**10.40** Questions and answers

**11.00** Coffee break

**11.20** Post carbon energy paradigms beyond 2050

*Patrick Criqui, Director at Centre National de la Recherche Scientifique (CNRS)*

**11.40** Round table (10' for each speaker)

*Bruce Tonn (University of Tennessee) on technological and economic issues*

*Thomas Hamacher (Technische Universität Munchen) on the very long-term issues*

*Jacques De Jong (Clingendael) on geopolitical aspects*

*Corinna Altenburg and Fritz Reusswig (PIK) on climate change*

**12.20** Questions and answers

**12.45** Emerging issues on bio-economy and post carbon society

*Pierre Valette, Advisor, European Commission, DG Research and Innovation*

13.00 Sandwich lunch

### **Afternoon session: Transition challenges**

**Chairperson: Octavi Quintana, Director, European Commission, DG Research & Innovation**

13.30 **Technology innovation in energy end-uses**  
**Wolfgang Eichhammer (Fraunhofer Institute - ISI)**

13.50 **Round table (10' for each speaker)**

**Milton Russell (Institute for a Secure and Sustainable Environment) on energy technologies**  
**Christer Ryman (MEFOS) on industry**  
**Martin Jakob (Technology Economics Policy) on buildings**  
**Brieuc Bougnoux (Enerdata) on transport**

14.30 **Questions and answers**

14.50 **Coffee break**

15.10 **How to make the transition happen?**  
**Michael Labelle, Regional Centre for Energy Policy Research (REKK)**

15.30 **Round table (10' for each speaker)**  
**Cheryl Hicks (UNEP/Wuppertal) on sustainable lifestyles**  
**Silvio Scanagatta (Università di Padova) on perception of young people**  
**Gabriele Quinti (Laboratorio di scienze della cittadinanza) on anticipatory experiences**  
**Bertrand Chateau (Enerdata) on scenarios**

16.10 **Questions and answers**

16.30 **Wrap-up and Conclusion**  
**Robert Shelton, The Howard Baker Center for Public Policy, The University of Tennessee**  
**Domenico Rossetti di Valdalbero, European Commission, DG Research & Innovation**

17.00 **End of the meeting**

This conference concludes a year-long dialogue between Europe and the US on science, innovation and sustainable economic growth. The purpose of this dialogue is to enhance our understanding of the ways in which science and innovation affect sustainable economic growth, to identify impediments to the flow of science from the “bench” to applications; and to explore policy options that might enhance the impact of science on economic activity and societal needs. This Brussels conference is largely based on the PACT, VLEEM, PASHMINA, POLINARES, GILDED and SPREAD European research results. The “World and European Energy and Environment Transition Outlook” report (WETO-T) will be distributed at this occasion.