



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)

08.45 Registration and coffee

09.20 Welcome and opening remarks

Máire Geoghegan-Quinn, European Commissioner (tbc)

Visions of post carbon world

Chairperson: Artur Runge-Metzger, Director, European Commission, DG Climate Action (tbc)

09.40 Needs of energy services over the 21st century

Bertrand Chateau, President of Enerdata

10.00 Round table (10' for each speaker)

USA participant

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)

USA participant

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

Jacques De Jong (Clingendael) on geopolitical aspects

Corinna Altenburg (PIK) on climate change

12.20 Questions and answers

12.45 Emerging issues on post carbon society and bio-economy

Maive Rute, Director, European Commission, DG Research and Innovation

13.00 Sandwich lunch

Transition challenges for the EU

Chairperson: Octavi Quintana, Director, European Commission, DG Research & Innovation (tbc)

13.30 **Technology innovation in energy end-uses**

Wolfgang Eichhammer (Fraunhofer Institute - ISI)

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

USA participant

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)**

Michael Kuhndt (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, Oak Ridge National Laboratory and

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.