



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 21st 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.