



" Transatlantic Methods for Handling Global Challenges in the European Union and the United States"

Atlantic Energy Efficiency

www.transatlanticenergyefficiency.eu

Summary

The project will analyse EU and US energy technology road maps, the potential for synergies and opportunities for mutual learning and harmonisation with a focus on policy, performance, and energy R&D and associated policies aimed at enhanced energy efficiency. It will identify joint EU-US approaches to supporting emerging economies' own efforts to embrace energy efficient and low carbon technologies.

Lead Partner:

University College Dublin

Partners:

Centre for European Policy Studies
University of California, Berkeley
Sustainable Energy Authority of Ireland

Funding

This project is funded by the European Union within the framework of the Pilot Projects on "Transatlantic Methods for Handling Global Challenges in the European Union and the United States". The general objective of the Pilot Projects, created through a European Parliament initiative, is to promote mutual understanding and learning among EU and US policy researchers and policymakers on a number of challenges with a global dimension.'

Project Activities

Workshops

Analysis of EU and sub EU and US and sub US roadmaps for energy efficiency, presentation of other successful experience.

Date: 23rd and 24th September 2010

Location: Centre for European Policy Studies, Brussels, Belgium

Analysis of Japan, China and India roadmaps for energy efficiency, and of mechanisms and modalities for financing 'further measures' in energy efficiency and R&D in emerging economies and relation to technology road maps and Stimulus Packages – 'Green New Deal'

Date: January 2011 (tbd)

Location: University of California, Berkeley, USA

Target groups: politics, agency, bureaucracy, media, business, social, environmental and other non-governmental organisations

Outputs: policy papers and associated policy briefs



Project Activities (contd.)

Commissioned Papers

Provisional Paper Title	Lead Author	Affiliation
Overview of Global Energy Efficiency Performance and technology road maps	Pedro Guertler	Association for the Conservation of Energy, UK
Road Map Description and Performance Analysis – Global (incl. US) Transport Sector	Lee Schipper	Stanford University, USA
Road Map Description and Performance Analysis – US all sectors (except transport)	Max Auffhammer	University of California, Berkeley, USA
Road Map Description and Performance Analysis - sub US - Vermont	Blair Hamilton	Efficiency Vermont, USA
Road Map Description and Performance Analysis - sub US - California	Michael Hanemann	University of California, Berkeley, USA
Road Map Description and Performance Analysis –EU, sub EU (up to 2 Member States or regions/municipalities)	Pedro Guertler	Association for the Conservation of Energy, UK
Road Map Description and Performance Analysis – Japan	Mark Dyer	TrinityHAUS, Trinity College Dublin, IRE
Road Map Description and Performance Analysis – China	C.S Kiang Mark Levine	Sustainable Development Technology Foundation; CHINA China Energy Group ; USA
Road Map Description and Performance Analysis –India	Saurabh Kumar	Bureau of Energy Efficiency, Ministry of Power, India
Analysis of mechanisms and modalities for financing ‘further measures’ in energy efficiency and R&D in emerging economies	Dominic Marcellino	Ecologic Institute, USA
Description and analysis of Linking Energy Efficiency, technology road maps and Stimulus Packages – ‘Green New Deal’	Ed Barbier	University of Wyoming, USA

Web Forum – www.transatlanticenergyefficiency.eu

The web forum will support ongoing dialogue and interaction between academics, business and policy leaders to generate mutual respect and understanding about their view and analyses as to how improved energy efficiency and associated technologies can be mobilised. It will provide the focal point for project outputs and dissemination.

Book (provisional title)

Energy Efficiency and Technology– a key policy instrument for energy, climate change and economic and social development – experience and potentials in developed and emerging economies