

Agenda

8 February 2011

**10:20 Opening Remarks by Moderator:**

**Session 1: Smart City**

**10.30 Reshaping an Efficient Energy of the Future with SmartGrids**

EU Energy targets in 2020  
SmartGrids, Smart Cities, Efficient Energy and Renewables  
How energy could be produced and distributed differently to the consumers in the Middle East  
Benefits for electricity companies, citizens and society  
Cleaner energy in SmartGrids as a creator of jobs and a better society

**Dr. Maher Chebbo**, Smart Grids Chairman, WG3, European Union, France

**11.00 Role of Energy Efficiency and Renewable in Fossil Fuel Based Electricity Systems**

The impacts of saving energy and focusing on energy efficiency  
The advantages of renewable energy  
Tying in fossil fuel based systems and smart grids to renewable energy sources

**Dr. Marianne Moscoso-Osterkorn**, Director General, REEEP - Renewable Energy & Energy Efficiency Partnership, Austria

**11.30 Low Carbon Building Design and City Planning**

How to approach low carbon design in both the UK and UAE  
Using parametric modeling software and climate data to formulate and test building design  
Policy overview and a plan on carbon reduction

**Mr. Alan Shingler**, Chair of Sustainable Futures Group, Royal Institute of British Architects, UK

**12.00 Panel Discussion - Q & A Session**

**Dr. Alessandro Clerici, Dr. Marianne Moscoso-Osterkorn and Mr. Alan Shingler**

**12.30 Lunch**

**Session 2: Smart Energy**

**14.00 Energy Efficiency: The Best Smart Energy**

Discuss the potential reduction in energy consumptions for the industrial, residential, commercial and transport sectors by using smart technology  
Learn how energy efficiency is a profitable investment, both for consumers and governments

**Dr. Alessandro Clerici**, WEC-Chair Activity Area Survey of Energy Resources and Technologies, World Energy Council, Italy

**14.30 Shaping Its Future: A Primer on the Development of the Power Grid in the United States**

Focus on the formation of the electric grid in the United States  
Gain an understanding of how it works, along with the challenges  
The modernization of the grid – transforming into the “smart grid”

**Mr. Scott Minos**, Senior Policy & Communications Specialist, U.S. Department of Energy, USA

**15.00 New Smart Grid Technologies Need Better Policy and Economic Understanding**

Understanding the costs, risks and benefits to new smart grid technologies  
Going through the new business models to put together the right policies  
Learning about how to modify current standards and infrastructures to incorporate smart grids

**Dr. Dave A. Cartes**, Director, Institute for Energy Systems, Economics and Sustainability, USA

**15.30 Panel Discussion - Q & A Session**

**Dr. Maher Chebbo, Mr. Scott Minos and Dr. Dave A. Cartes**

**16.00 End of day**