CLEAN ENERGY SOLUTIONS CENTER

Linking heat and electricity systems: Co-generation and District Heating and Cooling Solutions for a Clean Energy Future

June 5, 2014
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Welcome & Introductory Remarks

Overview of the Clean Energy Solutions Center
  - Sean Esterly
    National Renewable Energy Laboratory

Presentations
  - Didier Houssin
    Director, Sustainable Energy Policy and Technology, International Energy Agency
  - Jorge Javier Mañón Castro
    Deputy Director of Benchmark and Indicators, Pemex
  - Per Alex Sørensen
    Head of Strategy and Planning, PlanErgi
  - Araceli Fernandez Pales
    Energy Technology Analyst, International Energy Agency

Question and Answer Session

Attendee Survey
The Clean Energy Ministerial (CEM) launched the Clean Energy Solutions Center in April 2011 for major-economy countries.

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Didier Houssin became Director of Sustainable Energy Policy and Technology at the International Energy Agency on 1 December 2012. Previously, he served for five years as Director of Energy Markets and Security. Before joining the International Energy Agency, Mr. Houssin, a French national, was Managing Director of BRGM, the French Geological Survey where, since 2004, he had extensive management responsibilities over the 850-strong group. Among other matters, he was involved at BRGM in carbon capture and sequestration and in geothermal energy. Prior to joining BRGM, Mr. Houssin was the former Director of Energy and Mineral Resources in the French Ministry of Economy between 1997 and 2004. Mr. Houssin graduated from the Ecole Nationale d’Administration and has a Masters in International Law.
Jorge Javier Mañón Castro is the Deputy Director of Benchmark and Indicators at Pemex. Mr. Mañón is specialised in natural gas, regulation, electricity and co-generation in Pemex, and he has a Masters degree in Chemical Engineering and an MBA from University of Texas.
Per Alex Sørensen is the Head of the Department of Strategy and Planning at PlanEnergi. Mr. Sørensen develops several functions such as project management, planning, product development and advising building owners. His professional specialisation is energy planning, energy saving, solar energy, biomass, district heating centrals with biomass, decentralised co-generation and long-term heat storage.
Araceli Fernandez Pales - Energy Technology Analyst, International Energy Agency

Araceli Fernandez Pales works for the IEA as Energy Technology Analyst in the areas of Heavy Industry and Co-generation. She has a background on Chemical Engineering with experience in the Oil & Gas sector. Ms. Fernandez previously worked for British Petroleum UK focusing on process and energy optimisation in Refinery Plants. Most recently, she worked for Tecnicas Reunidas in Spain (an engineering & construction company) focusing on energy efficiency upgrade projects for Refinery Plants and specialising in designing thermal/combustion equipment. She holds an MSc on Process Systems Engineering from Cranfield University (UK) and an MEng on Chemical Engineering from UPV University (Spain).
Question and Answer Session

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