

**The European Commission's  
SECURE (Security of Energy Considering its Uncertainty, Risk and  
Economic implications) Project**

**Stakeholders Meeting on Oil, Gas and Coal**

**Agenda**

26 November 2009

Venue: OME, Meeting Room  
105 rue des Trois Fontanot – 92000 Nanterre; Tel. +33 1 70 16 91 20

**09:00 Registration and coffee**

**09:30- 9:50 INTRODUCTION**

**The SECURE project**, started in 2008, aims at building a comprehensive framework for measuring energy security of supply in the EU. Assessing the risks related to geopolitics, price formation and the economic and technical design of energy markets inside and outside the EU, the project focuses on both qualitative and quantitative analyses, adopting a global as well as a sectoral approach. The tools, the models and the policy recommendations provided by this project will serve policy-makers to formulate energy security policies taking into account the related costs, benefits and risks.

- Welcome by **Pedro Moraleda**, OME, General Director
- Introduction to the SECURE project by **Roberto Vigotti**, OME, SECURE Coordinator
- Scientific aspects of the SECURE project by **Manfred Hafner**, FEEM

**9:50- 11:30 SESSION I – “Threats to the Security of Oil Supplies – A Critical Analysis”**

This session aims at overcoming the stereotypes which dominate the oil supply security issue. Studies presented in the session are implementing threat identification and assessment based on realistic scenarios of possible developments in producing regions and estimating the potential impact on global oil supplies. The relations between the different elements of the oil chain from production to consumption will be also addressed both for geopolitical, technical, economic and regulatory dimensions in order to establish efficient mitigating strategies.

- Presentation by **Giacomo Luciani**, Gulf Research Center Foundation, Switzerland
- Discussant: **Said Nacet**, International Energy Forum, Saudi Arabia
- *Open discussion*

**11:30- 11:50 Coffee break**

**11:50- 13:00 SESSION II – “SECURE global scenarios 2020-2030-2050: Security of supply and climate change nexus”**

The aim of this section is to present some framing scenarios up to 2050 developed in the SECURE project in order to explore the climate change and security of supply nexus for Europe by taking also in account impacts of climate change on the world energy system. It is upon these scenarios (Base Line, Muddling Through, Europe Alone and Global Regime) that the SECURE sectoral analysis will be based upon.

- Presentation by **Patrick Criqui**, University of Grenoble/LEPI-CNRS, France
- Discussant: **Francois Cattier**, EDF, France
- *Open discussion*

**13:00- 14:00 LUNCH BUFFET**

**14:00- 16:00 SESSION III – “Potential Threats for EU Gas Security”**

The studies presented in this session will focus on the vulnerability of the EU to natural gas supply risks, impacts of supply disruption as well as mitigation possibilities and options, particularly in the lights of the recent gas crisis. The uncertainties on how much gas the EU will need in the future will be discussed in the framework of security of supply versus security of demand issues. Also, natural gas availability to Europe from supply sources and their transport routes will be discussed. While doing that an overview of reserves, evolution of production and supplier countries’ export potential to the EU will be given as well.

- Presentation by **Stefan Schaar Kruse**, RAMBOLL, Denmark
- Discussant: **Miharu Kanai**, Energy Charter Secretariat, Belgium
- *Open discussion*

**16:00- 16:15 Coffee break**

**16:15- 17:15 SESSION IV – “Between international supplies and domestic clean-coal: risks for coal markets in Europe”**

From a supply perspective coal does not present a security threat to the European Union as it is available in sufficient quantities world-wide and the supplies to Europe are diversified. However, in the long term, it poses questions because of the institutional danger of coal being excluded from further development in Europe due to its environment impact. All scenarios aiming at addressing climate change assume a strong penetration of CCS after 2020. The timely availability of CCS poses a serious risk to coal and thus overall energy security of supply for Europe. This session will discuss those points.

- Presentation by **Christian von Hirschhausen** and **Franziska Holz**, Technical University of Dresden, Germany
- Discussant: **Brian Ricketts**, International Energy Agency, France
- *Open discussion*

**17:15- 17:30 CONCLUSIONS**

- Wrap-up by **Roberto Vigotti**, OME & **Manfred Hafner**, FEEM