



Security of European Energy Supplies: Discussing the main Policy Recommendations of the SECURE Project

29 September 2010

Venue: CEPS, Conference Room
Place du Congrès 1 – 1000 Brussels; Tel. +32 2 229 3911

The SECURE project

The SECURE project, carried out by 15 major European research institutions, started in 2008 and aims at building a comprehensive framework for measuring the security of energy supplies in the EU. Assessing the risks related to geopolitics, price formation and the economic and technical design of energy markets inside and outside of the EU, the SECURE project focuses on both qualitative and quantitative analyses, adopting a global as well as a sectoral approach.

The models, tools and policy recommendations provided by this project will serve policy-makers to formulate energy security policies taking into account the related costs, benefits and risks.



AGENDA

- 09:15** Registration and coffee
- 09:45** Welcome by **Arno Behrens**, Head of Energy & Research Fellow, CEPS, and **Sohbet Karbuz**, Head of Hydrocarbons division, OME
- 09:50** Introduction to the SECURE project by **Manfred Hafner**, Fellow, FEEM
- 10:00** **SESSION I: “Long-Term Energy Security Risks for Europe: A Sector-Specific Approach”**
This session will introduce the framing scenarios up to 2050 developed within the SECURE project in order to explore the climate change and security of supply nexus for Europe by taking into account impacts of climate change on the world energy system. Five sectoral scenarios and their sensitivity and shock analysis have allowed the SECURE project to identify the impacts on European energy vulnerability and trade-offs of different future pathways. In this session we will also discuss the issue of carbon capture transport and storage as this technology might not be available on time, which poses a serious risk to coal and thus overall energy security for Europe.
Chair: Adnan Shihab-Eldin, former Secretary General of OPEC (and Member of the SECURE Project Advisory Board)
- 10:00** Presentation by **Helen Donoghue**, DG Energy, European Commission
- 10:10** Presentation of the SECURE scenarios by **Patrick Criqui**, Director, LEPII-CNRS University of Grenoble
- 10:25** Presentation on carbon capture, transport and storage (CCTS) by **Christian von Hirschhausen**, Professor TU-Dresden
- 10:35** Presentation on the US experience by **Stephen Eule**, Vice President of Climate and Technology at the Institute for 21st Century Energy
- 10:45** Open discussion
- 11:20** Coffee-Break
- 11:35** **SESSION II: “Securing European Oil Supplies”**
The SECURE project has tried to overcome the stereotypes which dominate the oil supply security issue by implementing threat identification and assessments based on realistic scenarios of possible developments in producing regions and by estimating the potential impact on global oil supplies. The relations between the different elements of the oil chain from production to consumption have also been addressed in terms of their geopolitical, technical, economic and regulatory dimensions in order to establish efficient mitigation strategies. The aim of this session is to discuss the proposed mitigation strategies.
Chair: Jonathan Stern, Director of Gas Research, Oxford Institute for Energy Studies (and Member of the SECURE Project Advisory Board)
- 11:35** Presentation by **Giacomo Luciani**, Director, Gulf Research Center Foundation
- 11:50** Presentation by **Jan Panek**, Head of Unit, DG Energy, European Commission
- 12:00** Discussant: **Adnan Shihab-Eldin**, former Secretary General of OPEC (and Member of the SECURE Project Advisory Board)
- 12:10** Discussant: **Isabelle Muller**, Secretary-General of EUROPIA European Petroleum Industry Association
- 12:20** Open discussion

13:00 Lunch

14:00 **SESSION III: “Securing European Gas supplies”**

The SECURE project assessed the future gas needs and supply availabilities, the vulnerability of the EU to natural gas supply risks, impacts of supply disruption as well as mitigation possibilities and options, also in the light of recent important events (2009 gas crisis, financial and economic crisis, development of shale gas). The gas strategies (geopolitical, technical, economic and regulatory) proposed in the framework of SECURE are focused on EU security of supply, but also try to take into account the preoccupations of producing and transit countries as long term security can only work in the framework of a win-win approach for all involved parties

Chair: **Jean-Michel Glachant**, Director, Florence School of Regulation and Loyola de Palacio Energy Policy Programme (and Member of the SECURE project Advisory Board)

14:00 Presentation by **Stefan Schaar Kruse**, Project Manager, Ramboll Oil & Gas

14:15 Discussant: **Jonathan Stern**, Director of Gas Research, Oxford Institute for Energy Studies (and Member of the Secure project advisory board)

14:30 Discussant: **Simon Blakey**, Special Envoy for the Gas Industry, EUROGAS

14:40 Open discussion

15:30 Coffee-Break

15:45 **SESSION IV: “Contribution of Renewable Energy Sources to Energy Security and Ensuring Secure Renewable and other Electricity Generation, Transmission and Distribution”**

In recent years EU Member States have been promoting the use of renewable energy technologies (RET). The SECURE project has assessed the potential contribution RET can provide to increasing EU energy security, its cost and risks as well as the policy measures required to have a positive impact on EU energy security. Massively increased electricity supply by RET and natural gas provide new challenges to electricity systems. Therefore, an efficient development of the electricity transmission infrastructure is a key precondition to the achievement of a secure, competitive and sustainable electricity supply. In this context, SECURE policy recommendations related to the whole electricity chain (generation, transmission, distribution and demand) will be discussed.

Chair: **Carlo Scarpa**, Fellow FEEM and Professor University of Brescia

15:45 Presentation by **Christian Panzer**, Vienna University of Technology (EEG)

15:55 Presentation by **Michele Benini**, ERSE S.p.A.

16:05 Discussant: **Jean-Michel Glachant**, Director, Florence School of Regulation and Loyola de Palacio Energy Policy Programme (and Member of the SECURE project Advisory Board)

16:15 Open discussion

16:50 Conclusions and wrap-up by **Manfred Hafner**, FEEM, **Sohbet Karbuz**, OME, and **Arno Behrens**, CEPS

17:00 *End of the meeting (at the latest)*

Please also join us at the upcoming SECURE events:

November 2010, 16:00-18:00	European Parliament Policy Event (date to be confirmed)
25 November 2010, full day	Final Conference at CEPS