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1st CESSA Conference
“Natural Gas, Nuclear Energy, and Security of Supply”

Berlin, 31 May – 01 June, 2007

Location: Berlin University of Technology, Strasse des 17. Juni 135, D-10623 Berlin
Information, hotels, how to get there, contact, etc.: www.diw.de/cessa

CESSA, the European Forum on Energy Security in Supply Activities, is a project funded by the 6th Framework Programme of the European Commission. It assembles a variety of European research teams and stakeholders (energy companies, energy regulators, energy ministries, etc.) to find a consensus on the short and long term security of supply in natural gas, nuclear power and hydrogen. The objective of this 1st CESSA conference is to discuss the perspectives and challenges of natural gas markets and nuclear power generation. The conference will combine background papers and contributions written specifically for this event with an extensive exchange of ideas between the scientists and the European energy companies and public authorities.

Wednesday, 30 May

18:30 Reception, drinks and buffet (TU Berlin, Inner Court “Lichthof”),
Followed by informal get-together at Café Hardenberg (Hardenberg-Str. 10, 10623 Berlin),
starting at 20:30

Thursday, 31 May

**Day 1: WP3 “Economic Mechanisms Sustaining Robust Development of
Natural Gas Investment and Infrastructures”**

TU Berlin Main Building, Room: H 3503

8:00 Registration, coffee

9:00 Welcome and Introduction

Jean-Michel Glachant (GRJM, University Paris XI, France) and François Lévêque (CERNA, Paris School of Mines, France), CESSA Project Leaders: Objectives of the CESSA Project

Jean-Arnold Vinois (European Commission, DG TREN): Energy for a Changing World – EU Energy and Climate Policies Adopted by the European Commission

Christian von Hirschhausen (TU Dresden, and DIW Berlin): Introduction to the Natural Gas Day

9:30 Keynote Speech

Jeff Makhholm (NERA, Boston, USA): Seeking Competition and Supply Security in Natural Gas: The US Experience and European Challenge

10:15 Coffee

Continued May 31, 2007:

10:30 Session: Supply Security and Investments

Chair: Jean-Michel Glachant (GRJM, University Paris XI, France)

Herbert Ungerer (European Commission, DG COMP): Competition Policy and Energy Security

Juan Rosellón (CIDE Mexico, and TU Dresden): Infrastructure Investments and Incentive Regulation

11:30 Round Table: Natural Gas Storage

Chair: Christian von Hirschhausen (TU Dresden, and DIW Berlin)

Wim Groenendijk (Gasunie, Netherlands): Perspectives of Natural Gas Storage in Europe

Anna Creti (Bocconi University Milan, Italy): Some Economics of Seasonal Gas Storage

Anne Neumann (TU Dresden): Natural Gas Storage – Tales From Two Countries

12:45 Lunch: Café Campus, Marchstr. 6/8 (Villa BEL), 10623 Berlin (3 min. walk cross-campus)

14:00 Keynote Speech

David Victor (PESD, Stanford University, USA): Natural Gas and Geopolitics

14:45 Session: Natural Gas Market Modeling and Supply Security

Chair: Ignacio Pérez-Arriaga (Universidad Pontificia Comillas, Madrid, Spain)

Yves Smeers (CORE, Université Catholique de Louvain-la-Neuve, Belgium): Gas Models and Three Difficult Objectives

Ruud Egging (University of Maryland, USA): Global Dependencies in Natural Gas Markets – How Do the European Natural Gas and the Worldwide LNG Market Affect Each Other?

15:45 Coffee

16:15 Round Table: Supply Security and Regulation: a Regional Perspective

-17:45 Chair: Loren Cox (MIT, USA)

Christoph Tönjes (Clingendael International Energy Programme, Netherlands): Perspectives for EU Gas Supply Security

Peter Kaderják (Budapest University of Economic Sciences and Public Administration, Hungary): Natural Gas Supply to Eastern Europe: Dependence on Russia and Diversification Perspectives

David Victor (PESD, Stanford University, USA): Recent Developments in China and India, and Their Influence on Global Natural Gas Markets

19:00 Reception: Restaurant “Dressler”, Kurfürstendamm 207-208, 10719 Berlin

19.30 Conference Dinner



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Friday, 1 June:

Day 2: WP 2 “Nuclear Contribution to EU Energy, Environment and Security Needs”

TU Berlin Physics Building, Room: P 164

- 8:00 Registration, coffee
- 09:00 **Welcome and Introduction to the Nuclear Day**
William J. Nuttall (Electricity Policy Research Group, University of Cambridge, UK)
- 09:10 **Keynote Speech:**
David Newbery (University of Cambridge, UK), on behalf of Paul Joskow (MIT, Cambridge, Mass., USA): The Future of Nuclear Power in the United States
- 10:00 **Session: A Global Nuclear Renaissance?**
Fabien Roques (International Energy Agency): Nuclear Power and the World Energy Outlook
- 10:30 Coffee
- 10:50 **Session: Nuclear Power in the European Union – Setting the Scene**
William J. Nuttall (Electricity Policy Research Group, University of Cambridge, UK): Prospects for New Nuclear Power Capacity in the EU
Didier Beutier (Areva): Towards a Nuclear Energy Policy for Europe?
- 11:40 **Round Table: Nuclear Power – What is Driving the Renaissance?**
Moderated by: Jean-Michel Glachant (GRJM, University Paris XI, France)
- 12:40 Lunch: Café Campus, Marchstr. 6/8 (Villa BEL), 10623 Berlin (3 min. walk cross-campus)

Continued June 1, 2007:

14:00 **Session: European New Build – Some Vignettes**

Perspectives about:

- *Nigel Buttery (British Energy)*: Issues Facing New Build in the UK
- *Goulven Graillat (EdF)*: The EPR Flamenville 3 Project, France

15:00 **Session: Nuclear Power is Special**

Chair: David Cope (Parliamentary Office of Science and Technology, UK)

Gordon MacKerron (Sussex University, UK): Waste, Ethics, and New Build

Michael Micklinghoff (E.ON Kernkraft): Confronting Economic Regulation and Safety Regulation

Simon Taylor (Judge Business School, University of Cambridge, UK): Nuclear Power and Deregulated Electricity Markets: Lessons from British Energy

15:45 Coffee

16:00 **Panel Discussion: Europeanisation of Safety Regulation and Markets – An Achievable Utopia?**

Moderator: William J. Nuttall (Electricity Policy Research Group, University of Cambridge, UK)

17:20 **Closing Remarks**

Jean-Michel Glachant (GRJM, University Paris XI, France)

17:30 Close