



Energy in Changing Environments

This symposium combines insights from a number of disciplines, ranging across the humanities, the sciences and the social sciences, focused on the consequences of cultural and economic changes in the production and consumption of energy in Western societies. Such changes result from protection of scarce resources and the environment and concerns of supply security. Development and adoption of new sources of energy depends not only on economic efficiency and scientific research, but on public behaviour influenced by perceptions of science, environment and risk.

The conference will deal with 4 different fields of Energy in Changing Environments:

- Energy Efficiency
- Gas Supply and Geopolitics
- Technological Advancement
- Energy and Environment

Jacobs University Bremen

Jacobs University Bremen is a highly selective, private institution for the advancement of education and research. Its academic programs and cultural environment prepare graduates for international leadership and global citizenship. Multinational students, faculty and researchers of distinction, with educational partners around the world, collaborate in learning, creating and disseminating information and new knowledge.

Jacobs University's unique transdisciplinary approach to learning and research is guided by five distinct principles:

- *Excellence* with regard to the selection of students and faculty
- *Internationality* with respect to the student body and faculty, international degrees, instruction in English
- *Transdisciplinarity* of teaching and research
- *Interactivity* through a networked environment, unity of living and learning on campus
- *Independence* of organization and management, and maximum flexibility



Bremer **Energie** Institut 

Energy in Changing Environments

International Conference
December 13-15, 2007

Jacobs University Bremen
Campus Ring 1
28759 Bremen, Germany

(1) We gratefully acknowledge support from:



Jacobs University Bremen gGmbH
Campus Ring 1 | 28759 Bremen
Germany
info@jacobs-university.de
www.jacobs-university.de



Conference Schedule

Thursday 13 December 2007

INTRODUCTION

- 15:00 - 15:30 **Opening**
Joachim Treusch, President of Jacobs University
- 15:30 – 16:30 **Keynote: IEA's World Energy Outlook 2007**
Fabian Roque, IEA Paris
- 16:30 – 18:00 **Reception**
19:00 **Dinner**

Friday 14 December 2007

SESSION 1: ENERGY EFFICIENCY

Chair: Wolfgang Pfaffenberger, Jacobs University

- 9:00 – 9:30 **Energy efficiency: the effects of the 1970's energy crisis in the USA**
Robert Lifset, University Houston; Texas
- 9:30 – 10:00 **White Certificates**
Andriaan Perrels, VATT Helsinki
- 10:00 – 10:30 **Sustainable Energy Consumption: The Consumer's Perspective**
Angela Köppl, Österreichisches Institut für Wirtschaftsforschung, Vienna
- 10:30 – 11:00 **Coffee Break**
- 11:00 – 11:30 **Consumer Behaviour**
Stefan Traub, University of Bremen
- 11:30 – 12:00 **Energy Efficiency and Renewables in North America**
Michal Moore, University of Calgary
- 12:00 – 13:30 **Lunch**

Conference Schedule

SESSION 2: GAS SUPPLY AND GEOPOLITICS

Chair: Gert Brunekreeft, Jacobs University

- 13:30 – 14:00 **Gas Supply: Where does it come from?**
David Bothe, EWI & University of Cologne
- 14:00 – 14:30 **Future of European Gas**
Catrinus Jepma, University of Groningen
- 14:30 – 15:00 **The Power of Russian Gas**
Jacques de Jong, Clingendael, The Hague
- 15:00 – 15:30 **Supply security and Geopolitics in the USA**
Amy Jaffe, Rice University (t.b.c.)
- 15:30 – 15:45 **Coffee Break**

SESSION 3: TECHNOLOGICAL ADVANCE

Chair: Werner Bergholz, Jacobs University

- 15:45 – 16:15 **Innovation to Promote Sustainable Energy Supply**
Dierk Bauknecht, Öko-Institut Freiburg
- 16:15 – 16:45 **The Development of Distributed Generation**
Martin Scheepers, ECN Amsterdam
- 16:45 – 17:15 **Institutions of Large Technical Systems**
Rolf Künneke, Technical University Delft
- 17:15 – 17:45 **Market Integration of Renewables**
Mario Ragwitz, Fraunhofer Institute, Karlsruhe
- 19:00 **Dinner**
Dinner speech: Jörg Jasper; EnBW AG

Conference Schedule

Saturday 15 December 2007

SESSION 4: ENERGY AND ENVIRONMENT

Chair: Laurenz Thomsen, Jacobs University

- 9:00 – 9:30 **Environment and Consumer Behaviour**
Heinz Welsch, University of Oldenburg
- 9:30 – 10:00 **title t.b.a.**
Christoph Böhringer, University of Oldenburg
- 10:00 – 10:30 **Coffee Break**
- 10:30 – 11:00 **Offshore Wind in Germany**
Henry Seifert, FH Bremerhaven
- 11:00 – 11:30 **California's Global Climate Change Policies**
Perry Sioshansi, Menlo Energy Economics, California
- 11:30 – 12:00 **Supply of LNG on the European Market**
Franziska Holz, DIW Berlin
- 12:00 – 13:30 **Lunch**
- 13:30 – 15:30 **Round Table Discussion**
Brendan Dooley, Jacobs University
- 15:30 – 15:45 **Closing Remarks**

Attendance including dinners is free of charge, but therefore prior registration is highly appreciated. Registration-form can be found on our website.

Contact and Registration Details:

Bianca Bergmann & Rena Dickel

Email: energyconference@jacobs-university.de

Further Information:

<http://www.jacobs-university.de/news/events/13465/index.php>