

INVITATION TO AKADEMIA AGREEMENT SEMINAR

Renewable energy and energy transition

UNIVERSITY OF BERGEN

HOTEL SCANDIC ØRNEN, BERGEN, NOVEMBER 20, 2015

The University of Bergen invites to a full day academic seminar for researchers at UiB to provide a platform for interaction between different academic disciplines and industry.

The goal of the Akademia agreement is to stimulate basic research and education within strategically important areas at both UiB and Statoil. The present focus areas in the agreement include renewable energy and energy transition and the seminar will be followed by a call for project proposals within these areas. The call will be announced after the seminar.

Registration: skjemaker.app.uib.no/view.php?id=1474255

Registration deadline: November 10, 2015

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Program

- 09:00-09:10 **Welcome** - Dag Rune Olsen, Rector, University of Bergen
- 09:10-09:50 **Perspectives on the future (looking into the crystal ball)**
Chair: Kjersti Fløttum
- «Reform, Rivalry and Renewal -
 three scenarios for the global energy future towards 2040»
 Eirik Wærness, Chief Economist, Statoil ASA
 statoil.com/energyperspectives
- «Intro to the energy transition, challenges and opportunities for Norway»
 Lars Henrik Paarup Michelsen, Norwegian Climate Foundation
- 09:50-10:35 **Energy use and energy markets in transition**
Chair: Sigrid Eskeland Schütz
- «Penetration of wind and solar energy in the electricity market»
 Nils Gunnar Kvamstø, Geophysical Institute
- «Energy markets»
 Eirik Schrøder Amundsen, Department of Economics
- «Regulating energy markets:
 a competition and public procurement perspective»
 Ignacio Herrera Anchustegui,
 Bergen Center for Competition Law and Economics (BECCLE)
- 10:35-11:00 **Coffee break (with snack) and Discussions**
- 11:00-12:00 **Future energy resources and technologies**
Chair: Vidar Jensen
- «Green is the new black - biomass instead of oil?»
 Tanja Barth, Department of Chemistry

- 11:00-12:00 **«Energy harvesting using nanotechnology»**
Lars Egil Helseth, Department of Physics and Technology
- «Offshore wind»**
Finn Gunnar Nielsen, Statoil/Geophysical Institute, UiB
- «Solar energy in bad weather at high latitudes - what is the potential?»**
Børge Hamre, Department of Physics and Technology
- 12:00-12:45 **Lunch**
- 12:45-13:30 **Energy and society**
Chair: Sigrid Eskeland Schütz
- «Norwegian attitudes to fossil and renewable energy sources:
Numeric and textual data from the Norwegian Citizen Panel»**
Dag Elgesem, Department of Information Science and Media Studies
- «Smart energy cities»**
Håvard Haarstad, Department of Geography
- «EnergyEthics - Norwegian energy companies and Corporate Social
Responsibility programming in different geographical contexts»**
Tarje Wanvik, Department of Geography
- 13:30-14:20 **Mingling and ideas for new projects**
- Stand 1:** Energy use and energy markets in transition
Stand 2: Future energy resources and technologies
Stand 3: Energy and society
- 14:20-14:45 **Open discussion**
Chair: Peter M. Haugan
- 14:45-15:00 **Concluding remarks**