



## EIS Expert Forum 2015

# Energy Innovation Systems and their dynamics

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## New insight from recent research and its practice implications

Copenhagen, 1<sup>st</sup> October, 2015, 9.00-16.00

**Venue:** Eigtveds Pakhus, Strandgade 25G, in central Copenhagen, [see map](#). Metro: Christianshavn.

Research on energy innovation systems has in recent years brought substantial new insight in the dynamics of energy change and in how the challenges of sustainability of the energy sector are addressed.

The EIS Expert Forum brings together researchers and practitioners from public and private organizations in order to examine implications of recent research results and discuss their potential use in energy innovation strategies and policies in practice. The Expert Forum in 2015 focuses on open innovation systems in competition, transition in international perspective, and implications of the sustainability challenges for our normal understanding of innovation.

The Forum is a unique opportunity for experts and generalists to meet with leading researchers in the field and discuss opportunities and perspectives for energy innovation and the move towards sustainability. You will find the programme for the day below. The Forum will have workshop format with space for discussion. The number of participants will be limited. Registration of participation is required:

**Practicalities and reply to the invitation:** please email Jette Gents ([jege@dtu.dk](mailto:jege@dtu.dk)).

**Hotel:** If you need accommodation, there are [many opportunities](#). Two of the closest to the venue are [Hotel Strand](#) and [Hotel Maritime](#).

EIS Expert Forum is organized by 'EIS – Strategic research alliance on Energy Innovation Systems and their dynamics – Denmark in global competition'. Contact: Mads Borup, [mabo@dtu.dk](mailto:mabo@dtu.dk).

Kind regards, on behalf of the EIS research alliance,  
Mads Borup

**About EIS:** EIS is a collaboration between leading research groups at eight universities and research institutions in Denmark and abroad: Technical University of Denmark, Copenhagen Business School, Aalborg University, EAWAG - Swiss Federal Institute of Aquatic Science and Technology, Utrecht University, Chalmers University of Technology, ZEW - Centre for European Economic Research, and NIFU - Nordic Institute for Studies in Innovation, Research and Education. EIS receives funding from Innovation Fund Denmark / Danish Council for Strategic Research, the Programme Commission on Sustainable Energy and Environment. [www.eis-all.dk](http://www.eis-all.dk).

## Programme

Time	Session	Programme
9.00-9.30	Arrival & Coffee	
9.30-10.30	<b>1. Introduction and overall frames</b>	<b>Welcome and introduction</b> Mads Borup, Technical University of Denmark
	Chair: Mads Borup	<b>EIS analyses and experiences with use in policy</b> Staffan Jacobsson, Chalmers Technical University
		<b>Innovation and sustainability</b> Jens Frøslev Christensen, CBS
		<b>Perspective: Sustainability challenge as business asset</b> Charlotte Fischer, Sustainable Business Denmark
10.30-11.00	Coffee break	
11.00-12.00	<b>2. Experiences of energy transitions and innovation in different countries</b>	<b>Geographies of transition</b> Lars Coenen and Teis Hansen, Lund University and NIFU
	Chair: Antje Klitkou	<b>Competitive edge and domestic learning in energy innovation systems in Denmark</b> Mads Borup, Technical University of Denmark
		<b>Perspective: A favourable policy environment for a low carbon energy innovation system – the EU perspective</b> Tobias Wiesenthal, European Commission, DG Joint Research Centre
12.00-13.00	Lunch	
13.00-14.00	<b>3. Interacting dynamics in a global perspective - local and global connections</b>	<b>Energy innovation dynamics in development countries vs. industrialized countries</b> Ulrich E. Hansen, UN DTU Partnership
	Chair: Jens Frøslev Christensen	<b>Interacting solar energy innovation systems in China, India, and Germany</b> Rainer Quitzow, Institute for Advanced Sustainability Studies
		<b>Perspective: Experience from international solar energy developments</b> Jan Vedde, European Solar Farms and Danish PV Association
14.00-14.15	Coffee break	
14.15-15.15	<b>4. New data approaches to renewable energy innovation</b>	<b>CIS founded results and data on innovation in renewable energy</b> Jesper Lindgaard Christensen, Aalborg University
	Chair: Jesper L. Christensen	<b>New energy stats for Denmark</b> Helle Månsson and Morten Wismann Halkjær, Statistics Denmark
		<b>Big data in energy: analyzing individual behaviour and technology adoption</b> Anders Ørding Olsen, CBS
15.15-16.00	<b>5. Discussion: Use of Energy Innovation System insight and needs for future research</b> Chair: Per Dannemand Andersen	Short view-points by panel: <b>Tobias Wiesenthal</b> , European Commission, DG Joint Research Centre <b>Jeppe Lundbæk</b> , Danish Energy Agency <b>Robert Brandt</b> , German Renewable Energy Federation <b>Sune Thorvildsen</b> , Danish Energy Industries Federation <b>Bernhard Truffer</b> , Swiss Federal Institute of Aquatic Science and Technology (Eawag) and Utrecht University
	End of Expert Forum	