

INVITATION

Technical University of Denmark



# How to meet the ambitious policy targets for wind power?

34 %  
share in EU

The European Technology Platform for Wind Energy estimates that wind could provide up to 34% of EU electricity by 2030

800,000  
jobs in EU

Globally 834,000 people were employed in the wind industry in 2013 and within Europe 800,000 jobs are expected by 2030

0,35  
DKK/kWh

With a cost of 0.35-0.40 DKK/kWh (6-7 US cent/kWh) at good coastal positions wind is competitive with traditional power plants

50%  
share in DK

Denmark has the ambitious goal of meeting 50% of its power consumption from wind by 2020

20%  
annual growth

Global installed wind power capacity has seen an annual growth in the order of 20% within the last ten years

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We hereby have the pleasure of inviting you to the presentation of *DTU International Energy Report 2014: Wind energy – drivers and barriers for higher shares in the global power generation mix.*

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**DATE:** Tuesday 11 November 2014, 11:30 – 18:00

**VENUE:** Oticon Hall, The Technical University of Denmark,  
Anker Engelundsvej 1, 2800 Lyngby

**Registration:**

[www.tilmeld.dk/DTUwindenergyconference2014](http://www.tilmeld.dk/DTUwindenergyconference2014)

**Deadline for registration:**

Tuesday 4 November 2014

Participation is free.

Please notice that if you do not attend without sending a cancellation you will be charged 300 DKK (40 EUR).

# Programme

Time	Topic	Speaker
11:30 – 12:20	Registration and Tapas Lunch	
12:20 – 12:30	Welcome	Anders Bjarklev, President, DTU
12:30 – 12:45	Introduction	(TBC)
<b>PRESENTATION OF DTU INTERNATIONAL ENERGY REPORT 2014</b>		Moderator: Marianne Thellersen, Senior Vice President, DTU
12:45 – 13:00	Conclusions and recommendations from the report	Hans Hvidtfeldt Larsen, Vice Dean, DTU National Laboratory for Sustainable Energy
13:00 – 13:15	Wind energy technology developments	Peter Hauge Madsen, Head of Department, DTU Wind Energy
13:15 – 13:30	Emerging wind energy technologies	Flemming Rasmussen, Head of Section, DTU Wind Energy
13:30 – 13:45	Integration of large shares of wind energy	Kenneth Karlsson, Head of Energy Systems Analysis Group, DTU Management Engineering
13:45 – 14:00	Recycling of wind turbines	Per Dannemand Andersen, Professor/Head of Division, DTU Management Engineering
14:00 – 14:30	Q&A	
14:30 – 15:00	Break	
<b>STAKEHOLDER PRIORITIES IN WIND ENERGY</b>		Moderator: Peter Hauge Madsen
15:00 – 15:15	Point of views from wind industry	Henning Kruse, Director Government Affairs, Siemens Wind Power, and chairman, Danish Wind Industry Association
15:15 – 15:30	Point of views from the funding system	(TBC)
15:30 – 15:45	Point of views from the R&D sector	Michael C. Robinson, PhD, Chief Scientist, EERE/w/WPTO, US Department of Energy
15:45 – 16:00	Q&A	
<b>ROUND TABLE DISCUSSION</b>		Moderator: Hans Hvidtfeldt Larsen
16:00 – 17:00	Round Table Discussion	
<b>RECEPTION</b>		
17:00 – 18:00	Reception	

It is well known that wind energy possess great potential for reducing greenhouse gas emissions, securing sustainable energy supply and creating new jobs.

Facts that have led to renewed efforts in the technological development of wind turbine technology as well as for integrating larger amounts of wind energy in the energy systems.

*DTU International Energy Report 2014* addresses a selection of scientific and technical issues relevant to further increase the share of wind power in the global electricity mix. It covers the secure forecasting of wind resources, emerging wind energy technologies, the integration of large amounts of fluctuating wind power in future energy systems, and the promising economic aspects of wind power.

