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Offentligt

13. juli 2009

NAN

### Invitation til DTU's Climate Change Technologies Conference

Kære udvalg,

Jeg inviterer hermed udvalget til at deltage i DTU's *Climate Change Technologies Conference*, som finder sted på DTU i Lyngby d. 17. september 2009.

Konferencen er en enestående mulighed for at få overblik over den nyeste klimateknologi og give input til hvordan industri, myndigheder og forskning i fællesskab bedst accelererer udviklingen af en grøn økonomi.

Konferencen har indlæg fra ledende beslutningstagere fra henholdsvis industri, myndigheder og forskning fra Europa, Asien og Amerika og afsluttes med en keynote tale af klima- og energiminister Connie Hedegaard. Konferencens konklusioner og anbefalinger vil blive overbragt til den danske regering forud for klimatopmødet i København.

*Climate Change Technologies Conference* afslutter DTU's klima- og energiworkshopserie. Workshopserien har bestået af ti workshops, som hver har behandlet en specifik sektors klimateknologiske udfordringer. De omkring 1500 repræsentanter fra industri, myndigheder og forskning har sammen identificeret perspektivrige løsninger, der sikrer hurtig udvikling og implementering af klimateknologi. Highlights fra workshopserien vil blive præsenteret på konferencen.

I kan læse mere og tilmelde jer konference på [www.dtu.dk/klima](http://www.dtu.dk/klima).

Med venlig hilsen

Niels Axel Nielsen  
Direktør, Myndighedsbetjening og Sektorudvikling  
Myndighedsbetjeningen

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# Climate Change Technologies Conference

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How to accelerate development  
and deployment

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Technical University of Denmark 17 September 2009  
First Announcement

# Introduction

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The conference offers a unique opportunity to get an overview of forefront climate technology and to debate how industry, public authorities and science should link up to make green economy become a reality.

DTU has arranged ten workshops each addressing climate technology issues for key sectors. Professionals from industry, public authorities and science have identified prospective innovative technology tracks, outlined challenges and recommended solutions.

17 September 2009 DTU hosts an open conference in which the workshop results are presented. High level representatives from industry, public authorities and science will attend and contribute to the recommendations on how to achieve fast development and implementation of technology.

# Conference Scope

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## **The conference will**

- Provide policy- and decision makers with a comprehensive overview of technology solutions and possible ways to accelerate their deployment.
- Establish a platform for future partnerships between science, industry and public authorities for technology development and deployment.
- Give direction for international capacity building measures and technology transfer mechanisms.
- Produce a conference statement that will be presented to the Danish Government in its position as host of the COP15 meeting.

# Conference Structure

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## *Preliminary Timing and Position of Conference Blocks*

Opening 09.30

### Conference Paper

Presentation of the findings and recommendations from DTU's workshop series on how to accelerate fast track development and deployment of new technology.

### Roundtable Discussions Session IIa and IIb

The roundtable discussions will open with a short presentation by each participant and subsequently a moderator will steer the discussion.

*Theme IIa: Technology tracks and barriers for their development and implementation*

A wide range of technologies and new solutions are required for appropriate mitigation actions and for climate adaptation measures. The panel will debate fast track avenues and give their recommendations.

*Theme IIb: R&D mobilization in a global perspective*

The effort concerning development and deployment of technology needs particular focus on enhanced R&D in science and industry, and on measures to mobilize R&D effort in a global perspective. The panel will debate efficient R&D structures and cases and give their recommendations.

### Keynote Speeches

Contribution from high level representatives from government, industry and science each giving their view and perspective on fast track development and deployment of climate technology.

### Conference Statement

Recommendations to the COP15 process on measures and initiatives will be presented to the Danish Government.

Closure 18.00

# Confirmed Speakers

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## Keynote Speakers

Connie Hedegaard, Minister for Climate and Energy, Denmark.

Nam Pyo Suh, President, Korea Advanced Institute of Science and technology.

Wolfgang Dehen, CEO, Energy Sector, Siemens.

Jørgen Mads Clausen, Chairman, Danfoss.

Henrik Bindslev, Director, Risø DTU.

Kim Dam-Johansen, Prof., Head of Department, DTU Chemical Engineering.

Steen Riisgaard, CEO, Novozymes.

José Roberto Moreira, Prof., Brazilian Reference Center on Biomass, University of São Paulo.

## Contribution and Roundtable Participants Ila and IIb

Franklin M. Orr, Jr., Prof., Director GCEP, Stanford University.

Eivind Kolding, CEO Container Business, Mærsk.

Stefan Tostmann, Head of Unit, DG Energy and Transport, EU Commission.

# Background

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In 2008, DTU launched its Climate Change Technology Program to provide a firm platform for an accelerated development and deployment of new technologies.

DTU's Climate Change Technologies program seeks to revise and update the strategy and development plan, improve the coordination of research activities, and enhance its collaboration with the private sector and public authorities.

As an essential part of the program, DTU arranged a workshop series on climate change technology focusing on assessment of and adaption to climate changes as well as on mitigation of green house gasses. In the workshops, a total of 1500 scientists, government officials and business leaders have outlined scenarios for technology development and deployment and identified bottlenecks for fast track development and deployment.

The program is developed in cooperation with Danish Energy Industries Federation and Danish Energy Association.

## Workshops 2008-2009

Sustainable Buildings

Future Energy Systems

Sustainable Energies

Transport - renewable energy in the transport sector and planning

Climate Changes and Ecosystem Productivity

Combustion, Carbon Capture and Storage

Animal Health and Food Safety

Infrastructure and Climate Changes

Changes of the Greenland Cryosphere

Risø International Energy Conference



# Information

## Location

The Climate Change Technologies Conference takes place at DTU Campus, Artner Engelundsvej 1, 2800 Lyngby, Denmark. Technical University of Denmark is located in Lyngby, 15 km from downtown Copenhagen.

## Working language

The working language is English.

## Registration

The registration fee is 100 euro and includes lunch and conference dinner. Students are admitted free to the conference (dinner 50 euros). Please register at [www.dtu.dk/climate](http://www.dtu.dk/climate). Registration fee must be received by DTU before September 1, 2009.

## Organising committee

### Chair

Niels Axel Nielsen, Dean, Dissemination to Private and Public Sector  
Technical University of Denmark  
E-mail: [nan@adm.dtu.dk](mailto:nan@adm.dtu.dk)

### Co-chair

Hans Hvidtfeldt Larsen, Head of Division  
Risø National Laboratory for Sustainable Energy  
Technical University of Denmark  
E-mail: [hala@risoe.dtu.dk](mailto:hala@risoe.dtu.dk)

## Conference secretariat

E-mail: [climate@adm.dtu.dk](mailto:climate@adm.dtu.dk)  
Phone: +45 45 25 71 65

The DTU Climate Change Technologies programme is run by the Technical University of Denmark (DTU). It provides a firm platform for development and deployment of new technologies to climate change issues. DTU will focus on technologies which reduce CO<sub>2</sub> emissions and can support growth and welfare while concurrently adapting to climate changes. DTU promotes co-operation between universities, industry and governments in order to accelerate the implementation of technologies and energy systems. Read more on DTU Climate Change Technologies at [www.dtu.dk/climate](http://www.dtu.dk/climate).



CLIMATE CHANGE TECHNOLOGIES

