



**28<sup>th</sup> Conference of  
Rectors and Presidents of  
European Universities of Technology**

**Climate Change and Sustainable Energy:  
The Roles of Universities of Technology**

**Final Conference Programme**

**September 18-19, 2009**

**2009 Conference Host:  
President Lars Pallesen  
DTU, Technical University of Denmark  
Lyngby, Denmark**

## Conference Programme, Day 1 September 18, 2009

### Welcome, Opening and Introductory Keynote Speeches: Setting the Stage for the Conference Topic

- 10:00 - 12:00 **Tour of DTU, Center for Electron Nanoscopy (CEN), etc.** (optional)
- 13:00 - 13:30 Arrival and registration of participants: Coffee, tea and biscuits  
Departure of accompanying persons to social programme
- 13:30 – 14:00 **Welcome and opening**  
Lars Pallesen, President, DTU, Technical University of Denmark
- Preparing the higher education system for global challenges**  
Helge Sander, Minister for Science, Technology and Innovation, Denmark
- 14:00 - 14:10 **Introduction to the 2009 Conference**  
Manfred Horvat, Conference Coordinator
- 14:10 - 15:30 **Climate change and sustainable energy – setting the stage**
- Climate change and renewable energy sources – scientific and technological challenges**  
Carlo Rubbia, Nobel Laureate Physics 1984; Member of the High-Level Advisory Group on Climate Change set up by President Barroso, European Commission
- Climate change and energy: a case for strengthening industry-university cooperation in research and innovation – The EIT**  
Anders Flodstom, Member of the Governing Board of the European Institute of Innovation and Technology (EIT); Head, Swedish National Agency for Higher Education and the University Chancellor of Sweden
- 15:30 – 16:00 **Break**
- 16:00 – 17:30 **Activities at university level and European initiatives in the areas of energy and climate change**
- The Technical University of Denmark addressing climate change and energy in education, research and public sector consultancy**  
Niels Axel Nielsen, Director, Public Sector Consultancy, DTU, Technical University of Denmark
- The European Strategic Energy Technology Plan**  
Raffaele Liberali, Director, Energy Research, DG Research, European Commission
- Adapting to Climate Change: Towards a European Framework for Action – Future Research Needs**  
Anastasios Kentarchos, Climate Change and Environmental Risks Unit, Environment Directorate, DG Research, European Commission
- 17:30 – 18:00 **General Discussion and Conclusions of Day 1**

## Conference Programme, Day 2 September 19, 2009

### European Universities of Technology, Climate Change and Sustainable Energy

09:00 - 10:30 **Session 1: University strategies, structures and programmes**

09:00 - 09:30 **Universities' strategies, structures and activities for coping with the problems of climate change and sustainable energy**

**The Karlsruhe Institute of Technology (KIT) – A new institution for coping with new challenges**

Horst Hippler, Rector, Universitaet Fridericiana Karlsruhe, Germany

**Providing a home for energy research across all Warwick disciplines**

John Flower, Professor of Engineering, Warwick Manufacturing Group, University of Warwick, UK

09:30 - 09:45 **Discussion**

09:45 - 10:15 **New university programmes in environment and energy**

**The Nordic MSc Programme “Innovative Sustainable Energy Engineering” a joint programme of universities in Denmark, Finland, Iceland, Norway, and Sweden.**

Peter Gudmundson, President, KTH —Royal Institute of Technology, Sweden

**The Post-graduate Programme “Environmental Technology & International Affairs”, Vienna University of Technology & Diplomatic Academy Vienna, Austria**

Hans Kaiser, Rector Delegate for International Affairs, Vienna University of Technology, Austria

10:15 - 10:30 **Discussion**

10:30 - 11:00 **Coffee Break**

Programme continued next page!

**Conference Programme, Day 2 (continued)**  
**September 19, 2009**

**European Universities of Technology,  
 Climate Change and Sustainable Energy**  
 (continued)

11:00 - 12:45 **Session 2: Research and transnational cooperation**

11:00 - 11:30 **Getting organised for research on climate change and energy**

**Environmental, climate change and energy research activities at  
 Politecnico di Milano**

Ennio Macchi, Head of the Department of Energy, Politecnico di Milano, Italy

**ITU's research activities in the areas of energy and climate change**

Muhammed Sahin, Rector, Istanbul Technical University ITU), Turkey

11:30 - 11:45 **Discussion**

11:45 - 12:30 **European and international cooperation**

**Research on environment and sustainability and the opportunities for  
 cooperation with the Joint Research Centre**

Frank Raes, Head of the Unit for Climate Change, Institute for Environment and  
 Sustainability (IES), Joint Research Centre (JRC), European Commission

**Towards a European strategy for international cooperation in energy  
 research**

Maeve Barry, Scientific Officer, Energy Directorate, DG Research, European  
 Commission

**Gearing European research towards sustainability and expected  
 contributions from universities of technology**

Nicole Dewandre, Head of Unit for Sustainable Development, Environment Directorate,  
 DG Research, European Commission

12:30 - 12:45 **Discussion**

12:45 - 13:00 **Final general discussion and conference conclusions**

13:00 - 13:15 **Session 3: Outlook to the 29<sup>th</sup> Conference and Conference closing**

Tjorborn Dirgenes, Rector, Norwegian University of Science and Technology,  
 Trondheim, Norway

Manfred Horvat, Conference Coordinator

13:15 - 13:20 **Conference closing**

Lars Pallesen, President, DTU, Technical University of Denmark

13:20 – 13:50 **Light buffet lunch**

13:50 **Departure for Post-Conference Programme** (see next page)

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**Social Programme  
Sponsored by Corrit Foundation**

**September 18, 2009**

**Accompanying persons' afternoon programme:**

**Visit at Roskilde Cathedral, including the Royal Tombs and the  
Viking Ship Museum**

(Departure: 13:30 from DTU, detailed programme to be announced)

**Evening programme for  
Conference participants and accompanying persons:**

**19:00: Conference Dinner, Glassalen, DTU**

(Departure by bus from hotel at 19:00)

**September 19, 2009**

**Post-Conference Programme for  
Conference participants and accompanying persons:**

(Departure: 13:50 from DTU)

**Excursion to Kronborg Castle (Hamlet's Castle)**

**Informal dinner buffet at Restaurant Grøften, Tivoli, Copenhagen**

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### 2009 Conference host:

**Lars Pallesen**

President

DTU, Technical University of Denmark

Lyngby, Denmark

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### Conference homepage:

<http://www.crp-eut.org/>