



Invitation

Energy for smart cities in an urbanised world

Conference arranged by City of Copenhagen, Danish Energy Industries Federation and Technical University of Denmark

Tuesday 29 November 2011, 10:00 - 17:30, City Hall of Copenhagen

By 2050 more than 6 billion people will live in urban areas

The number of megacities (with more than 10 million people) is expected to increase from three in 1975 to 29 by 2025. These cities contribute to climate change, and in turn are affected by its consequences. At the same time, urbanization generally leads to increased demand for energy-consuming services such as housing and transport. This trend is further stimulated by increasing average income levels.

We need a new approach to what cities should do

To become more liveable, economically successful, and environmentally responsible, in other words smart cities, that are energy-efficient, consumer-focused and technology-driven.

The conference will address the energy aspects of future smart cities

That is sustainable cities focused on low energy use, renewable energy and small carbon footprints.

At the conference we will

Release and present Risø Energy Report 10: Energy for smart cities in an urbanised world

The Report addresses energy related issues for smart cities, including energy infrastructure, on-site energy production, transport, economy, sustainability, housing, living and governance, including incentives and barriers influencing smart energy for smart cities.

Present examples

Showing how the City of Copenhagen and cities in Europe in many areas already are introducing the smart city mindset in their urban development plans.

Present innovative cases from the energy industry

To highlight the new business potentials that emerges from the development of new technologies for smart cities.

Organise a panel discussion

With participation of local government politicians and members of Parliament (in Danish).

Welcome to a day which will shed light on the opportunities in relation to the development of new efficient urban infrastructures, including cities optimized for economic activity, energy consumption and environmental impacts.

Admission fee is DKK 500, inclusive lunch and reception as well as a copy of Risø Energy Report 10.

Registration

<http://inquisite.di.dk/cgi-bin/qwebcorporate.dll?idx=8GZAE5>

no later than 24 November 2011

Programme on the opposite page.



Programme

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Time	Event	Speaker
09:00 – 10:00	Registration and coffee	
10:00 – 10:30	Welcome and introduction to the conference	Mayor Ayfer Baykal, Technical and Environmental Administration, City of Copenhagen President Anders Bjarklev, DTU Director Hans Peter Slente, Danish Energy Industries Federation
10:30 – 12:00	Risø Energy Report 10. Chairman: Hans Peter Slente, Danish Energy Industries Federation	
10:30 – 10:50	Energy for smart cities in an urbanised world	Head of Division Hans Larsen, Risø DTU
10:50 – 11:10	Smart city initiatives in Denmark and Europe	Dr. Reinhard Schütz, Austrian Institute of Technology (AIT)
11:10 – 11:30	Energy networks for smart cities	Professor Peter Meibom, Risø DTU
11:30 – 11:50	Transport for smart cities	Director Niels Buus Kristensen, DTU Transport
11:50 – 12:00	Clarifying questions and remarks	
12:00 – 13:00	Lunch	
13:00 – 14:20	Examples of smart cities. Chairman: Hans Larsen, Risø DTU	
13:00 – 13:20	Presentation of City of Copenhagen	Head of office Claus Bjørn Billehøj, City of Copenhagen
13:20 – 13:40	Presentation of Amsterdam Smart City	Program Manager Stef le Fevre, Climate & Energy Program, City of Amsterdam
13:40 – 14:00	Presentation of City of Hamburg	Representative from City of Hamburg
14:00 – 14:20	Clarifying questions and remarks	
14:20 – 14:40	Coffee break	
14:40 – 15:30	Innovative cases from the energy industry.	
14:40 – 15:00	Presentation from ABB A/S	Segment Manager Per Kofod, Smart Grid, ABB A/S
15:00 – 15:20	Presentation from Grontmij A/S	Department Director Niels Kåre Bruun and Chief Adviser Sigurd Bunk Lauritsen, Energy & Industry, Global Wind, Grontmij A/S
15:20 – 15:30	Clarifying questions and remarks	
15:30 – 16:30	Panel discussion (in Danish). Chairman: Hans Peter Slente	
	Panel including invited politicians from municipalities and parliament	
16:30 – 17:30	Reception	