



Dear Madam, Dear Sir,

At the invitation of **Euroheat & Power**, one of its associate members, the **European Energy Forum** is holding a dinner debate on:

DISTRICT ENERGY CLIMATE SUMMIT
On November 3rd 2009 in COPENHAGEN

As the world looks ahead to the goal of a new global climate agreement, our minds are focused on what needs to be achieved. District energy systems are essential to reducing CO2 emissions and increasing energy efficiency in our cities. The environmental, economic and social benefits of harnessing surplus heat and using local renewable energy sources make district heating and cooling a sensible choice for communities.

Our dinner-debate will provide the opportunity to discuss future “high-efficiency, low-carbon” urban energy systems in a global context. It takes place on the 3rd of November 2009 at 19:00h at the Scandic Hotel Copenhagen. The debate, to which national politicians are also invited, will be a truly international one. With a wide range of expertise in the field, the debate speakers include Antonio Bonomo, President of Euroheat & Power; Robert Thornton President of the US based International District Energy Association, adding a transatlantic perspective; and Wildrid Petrie, Executive Vice President of Cofely for Northern Europe. The debate will be chaired by Britta Thomsen –MEP Denmark.

While only the dinner-debate is hosted by the EEF, participants are invited to attend the whole summit which is organised by the district energy organisations on both sides of the Atlantic in cooperation with the International Energy Agency.

Please find enclosed the details of the entire summit programme which includes two study tours on the 4th of November: one to experience urban climate and energy intelligence live, while the other demonstrates a 100% locally renewable energy system.

Dinner, lunch and accommodation will be offered by our sponsors, while flight arrangements have to be met by participants.

If you would like to participate please inform our EEF Secretariat using the attached registration form which also provides you with the information on the different travel options.

I do hope you will be able to join us for this interesting visit.



Yours sincerely,

Giles Chichester MEP
President of the European Energy Forum

Copenhagen Energy Summit Study Tour

4 November 2009

EnergyTours invites you to experience the Danish energy revolution first hand. Together with the Copenhagen Energy Summit Team, we offer you the following Study Tour:

Themes	
9:00	<p>Introduction to district heating in Denmark</p> <p>Visit to Metropolitan Copenhagen Heating Transmission Company</p> <p>The main objective for CTR is to utilize waste heat from refuse incineration plants and combined heat and power plants. The company is responsible for the purchase of heat from production units and for the transport of this heat through the transmission net for sale to its five owners and to VEKS – CTR's affiliated company to the west. CTR also operates back-up units and produces heat on its own account during peak load periods.</p> <p>The visit includes introduction to CTR's control room and peak load station</p>
10:30	<p>Visit to Kongens Nytorv District Cooling Project</p> <p>The Kongens Nytorv district cooling project covers central uptown Copenhagen, with a number of shopping centres, financial institutions, hotels and cultural institutions as customers. The project is expected to provide a 65 percent reduction in CO2 emissions at a capacity of 15 MW. The project is under construction at present and a visit to the site will give an introduction to the current technology opportunities in district cooling.</p> 
12:00	<p>Visit to Amagerforbrænding</p> <p>Every day of the year Amagerforbrændingen relieve the inhabitants and companies of the five capital municipalities Dragør, Frederiksberg, Hvidovre, Copenhagen and Tårnby of their waste and supply energy to their households in return. In total this amounts to 420,000 tons of waste which is converted into electricity and district heating supplying approximately 100,000 households.</p> 
14:00	<p>End of Tour and return to Scandic Copenhagen Hotel</p>

Copenhagen Energy Summit Malmö Tour

4 November 2009

E.ON Energy invites you to experience one of the examples of a sustainable city, Västra Hamnen, where E.ON has been dealing for over ten years with 100-percent locally renewable energy. Together with the Copenhagen Energy Summit Team, we offer you the following E.ON tour:

THEMES

9:00 Departure from Copenhagen Scandic Hotel in Direction of Bo01 area, western Harbour, Malmö, Sweden

10:00 **Visit to the Bo01 area in Western Harbour with a close look at the 100% renewable energy system**

The Västra Hamnen district in Malmö is an example of a sustainable city. Here E.ON has contributed to the construction of an attractive city district that is entirely self-sufficient, with renewable energy from water, wind, sun and compostable waste.

The basic concept is that Västra Hamnen's energy should be generated by commercially accessible technology.

A short distance from Västra Hamnen is the wind power plant that is the backbone of the district's energy system. Nowadays, wind power is a mature technology, and this is reflected in the plant's operating profit. Since 2001, the wind power plant has delivered electricity in accordance with the project plans, essentially without interruption.

An aquifer is a natural underground storage reservoir. They are located in two rows, 200 meters apart. In the winter, water at a temperature of 15 degrees Celsius is drawn up from one row of wells, known as the warm side. The water is used as a heat source in a heat pump, and after cooling, it is pumped back into the aquifer through the wells of the other row, down on the cold side.

The heat from the heat pump is distributed to the district heating network. Over the course of a year, just over five million kWh of heat is produced, meeting 90 percent of the district's heat requirements. During the summer, the process is reversed, so that cooling is produced for the district cooling network. Over the course of a year, this provides about three million kWh of cooling.

The goal for the total energy (electricity, heat and cooling) use in the properties was to use a maximum of 105 kWh per square meter annually. At the same time, it was important to ensure residents' comfort. These are very tough goals, but it has been possible to achieve them with the right building technology and the right energy system.

Through effective planning and well-conceived design and construction, many of the properties have achieved the goals, in some cases by a good margin.

The activities in Västra Hamnen have shown that it is possible to create functioning systems for wise living and smart property management.

11:00 End of tour, and departure from Western Harbour, Malmö

12:00 Arrival at Scandic Copenhagen Hotel

District Energy Climate Summit

November 3rd 2009

Scandic Copenhagen Hotel

Vester Soegade 6,

1601 Copenhagen

Denmark

Your invitation to participate

SPONSORS



supporting organisations:



**District Energy Climate Summit
Registration Form & Programme
as of August 2009 (Invited Speakers)
Scandic Copenhagen Hotel, Vester Soegade 6,
Copenhagen**

Summit Programme:

Monday 2nd November

19.00 **Reception & Official Welcome**

In Town Hall by Municipality of Copenhagen

Tuesday 3rd November

09.30 -10.00 **Opening by Klaus Bondam,**

Mayor of Copenhagen for Infrastructure & Environment

10.00 - 10.30 **Key-note Address**

'Towards a Green New Energy Deal'

Introduced by John Vidal, Environmental Editor, The Guardian Newspaper

Key-note Speaker: Ambassador Richard H. Jones, Deputy Executive Director, International Energy Association

10.30 – 12.00 **Panel debate** moderated by John Vidal

The Panel:

- Vittorio Prodi, MEP
- US Department of Energy, Cathy Zoi
- Ola Altera, Swedish State Secretary for Enterprise & Energy
- Japanese Ambassador to Denmark, Seiichi Kondo

12.00 - 13.00 LUNCH

13.00 -14.30 **District Heating & Cooling – Value session:**

"District Energy: backbone of sustainable cities"

- Franck Bo, Mayor of Vaxjo, Energie-Cités
- Michel Delebarre, Mayor of Dunkerque
- Richard M. Daly, Major of Chicago
- Oh Se-hoon, Mayor of Seoul

14.30 –15.00 Coffee Break

15.00 – 17.00 **District Energy Climate Award ceremony**

Moderated by Lena Sommestad
Former Swedish Environment Minister

The first **District Energy Climate Awards** aim at recognizing cities and communities around the globe that demonstrate local district energy leadership in providing clean, sustainable energy solutions.

Press conference (with line-up of Mayors)

17.00 **Closing ceremony** with Troels Lund Poulsen

Danish Environment Minister

Hotel and Venue:

*Scandic Copenhagen Hotel, Vester Soegade 6
1601 Copenhagen*

Tuesday 3rd November

19.30 European Energy Forum Dinner Debate

With National Parliamentarians and Policy Makers, Introduced

- by:
- Antonio Bonomo, President of Euroheat & Power,
 - Robert Thornton, President of US based International District Energy Association,
 - Wildrid Petrie, Executive Vice President of Cofely Northern Europe.

Chaired by: Britta Thomsen, MEP Denmark

Wednesday 4th of November: Study Tours

'District Heating & Cooling showroom Copenhagen'

with thanks to *Energy Tours Denmark:*

09.00 Visit to Metropolitan Copenhagen Heating Transmission Company.

10.30 Visit to Kongens Nytorv District Cooling Project

12.00 Visit to Amagerforbrænding.

14.00 Tour Ends

Or **'100% renewable energy system' to Bo01 area in the Western Harbour, Malmö, Sweden** with thanks to

E.ON Värme Sverige:

09.00 Leave Copenhagen

10:00 Visit to the Bo01 area in Western Harbour, Malmö and the "100% locally renewable energy" system.

11.00 Departure from Western Harbour

12.00 Tour Ends

REGISTRATION FORM

Please register by 2nd October by **fax**
+32 (0)2 773 95 34 or **by email** to
assistant@europeanenergyforum.eu

I will be pleased to attend

I will **not** be able to attend.

NAME:

PHONE:

E-MAIL

You must book your own flight.

Accommodation will be offered to you by our sponsors.

Signature

Date

Organised by:

www.copenhagenenergysummit.org

