

Welcome to join the Sustainable local heat and power study trip in Sweden

Organised by Sustainable Business Hub in Sweden in cooperation with BRE, CHPA and UK Trade & Investment



Heating has recently received increased attention in the UK but introducing community heating systems can prove to be both complex and expensive. Many towns and cities in the UK are struggling with various challenges to improve their sustainability. Therefore, after the successful seminar within Sustainable Business Hub in cooperation with BRE, CHPA and UK Trade & Investment are offering a unique opportunity to participate at an interactive seminar during three days in Sweden. The study trip will be customized to pinpoint challenges in British towns and cities. The aim is to create a platform for an exchange of experiences between British and Swedish local authorities and companies. The meetings should generate valuable knowhow regarding how to progress with diminishing the carbon footprint using community heating/cooling solutions.

During these three days British participants will attend seminars at a prestigious university. In addition, selected utilities and local authorities in the region will share their experience of how to run a community heating system and workshops will discuss how to heating plants will also be carried out and the study trip will be completed by a guided tour in the Western Harbour of Gothenburg. The study trip will be attended by representatives from BRE and CHPA.

We look forward to your participation.

PROGRAMME:

Day 1 – Seminar on community heating and power

Day 2 – Study visits to utilities and local authorities to meet with decision makers.

Day 3 – Seminar on community heating and power and the Western Harbour. Final workshop

The event is aimed at:

- Local authorities, utility companies, energy planners, etc.
- Energy companies
- Local authorities
- Energy companies
- Local authorities

Please note that the number of participants is limited to 30, if you are interested please return the enclosed application form which is to be returned no later than 30th September 2009.

Questions regarding the event:

Martin Diamantoudis
Sustainable Business Hub
martin.diamantoudis@sbsub.se



(Draft)

PROGRAMME

Sustainable local heat and power
study trip in Sweden, Oct 13-15

Tuesday 13th October at Lund University

Introduction

- “ Community heating and cooling in sustainable city development
- “ Why community heating and cooling?
- “ Advantages for different interest groups
- “ Technical overview
- “ Prime energy, natural resources and environmental impact

Historical development in Sweden

- “ Why does community heating dominate in Sweden?
- “ Critical factors and lessons learned
- “ Policies and regulations

Present market

- “ System perspective
- “ Heating and cooling market
- “ Competition
- “ Customer segmentation
- “ Development of current systems

Future challenges –Requirements on future energy systems

- “ Political
- “ Economical
- “ Environmental
- “ Spatial planning

Workshop - implementing community heating in the UK

- “ Differences and similarities between UK and Sweden
- “ Opportunities and challenges for UK

Expertise provided by Lund University

Lennart Thörnqvist

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Svend Frederiksen

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Lars J. Nilsson

Professor, Environmental
and Energy Systems Stu-
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Lena Neij

Professor, International
Industrial Environmental
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Karin Ericsson

PhD, Environmental and
Energy Systems Studies,
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Aim of Day 1

- “ A profound understanding of the environmental effects of district heating and its practicalities
- “ A holistic insight of system perspective
- “ Similarities and differences in the UK and Sweden
- “ Ability to apply gained knowledge to local demands and requirements in the UK
- “ Understanding for gradual development in the UK

Wednesday 14th October – Utility visit and City Council visit

The participants will be divided into three groups, one of each will meet with representatives of the utility companies, one will meet with representatives of the city council and one will meet with representatives of the local authority. The overall topic of the day is community heating and cooling but there will be some additional topics to choose from: CHP, waste to energy, bio fuels, geothermal heat, industrial waste heat and small scaled systems.

Utility visit

- ☞ Organisation and operation
 - ☞ Business overview
 - ☞ Owners and directives
 - ☞ Cooperation with local authorities
- ☞ Market
 - ☞ Position and competition
 - ☞ Products and services
 - ☞ Main arguments
- ☞ Production system
- ☞ Distribution system
- ☞ Driving forces for future development
- ☞ Plant visit

City council visit

- ☞ Overview of the city council
- ☞ Xref
- ☞ Town planning
- ☞ Driving forces
- ☞ Strategic projects and accomplished results
- ☞ Overview of the city council
- ☞ Pros and cons
- ☞ Political arguments
- ☞ Utility cooperation

Aim of Day 2

- ☞ The participants should get a deeper understanding of the challenges and opportunities within community heating and cooling
- ☞ Through site visits understand how the technique can be implemented
- ☞ Gain useful arguments that can be used on representatives from the public sector in the UK as well as other decision makers involved in the process
- ☞ Understand the environmental effects and system perspective

Questions regarding the event:

Martin Diamantoudis
Sustainable Business Hub
martin.diamantoudis@sbhub.se
+46 766 347 510

Thursday 15th October

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and expansion projects.

Site visit

- On site presentation of installation, comfort and advantages

Visit to the Western Harbour of Malmö – The crown jewel of the sustainable city concept

- History
- General strategy and spatial planning process
- Walking tour

Workshop

- Plus and minus in general terms
- Works/works not for UK
- Presentation
- Discussion
- What would work in our city
- Our main opportunities and how to use them
- Our main problems and how to deal with them
- Form individual action plan – specify upcoming opportunities and challenges

Aim of Day 3:

- The British participants should have gained enough knowledge about community heating so that they can return to the UK with a solid platform regarding how to take community heating to the next level in their local municipality.
- Participating parties should have developed own arguments about the advantages of community heating that can be presented to political representatives and other stakeholders in the local region.

PARTICIPATION FEE

The participation fee is £895 and includes:

- 3 hotel nights with full breakfast, single occupancy
- Lunch every day during the three days
- Printed course material and an electronic copy of all materials presented during the three days
- Guided tour to the [Western Harbour](#) in Malmö
- Visit to [Turning Torso](#) in Malmö
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- h which will form the actual program

The participation fee does NOT include:

- Travels from UK to Sweden

Sustainable local heat and power tour in Sweden

13th-15th October 2009

Name: _____

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Title: _____

Waste to Energy

Bio Fuels

Company/organisation: _____

Geothermal Heat

Industrial Waste
Heat

Small Scaled Systems

CHP

E-mail: _____

Signature: _____

Address: _____

Date of application: _____

Town/City: _____

Post code: _____

Phone: _____

Fax: _____

I am allergic to/can not eat the following food:
(tick in box if applicable)

Please return application form no later than 30th September to:

E-mail: register@sbhub.se

Fax: +46 40 10 33 50

To avoid missed registrations please send an e-mail to register@sbhub.se when using fax

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BIC: SWEDSESS

Iban: SE24 8000 0821 4997 4738 0021

Swedbank AB

Box 550

S-201 25 Malmö

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