

## Conference venue

The conference takes place at Ekocentrum Syd building at Sege Park in Malmö, Sweden.

The address to the conference location:

Ekocentrum Syd  
Östra Fäladsgatan 46, Byggnad 14,  
212 24 Malmö, Sweden

For further information how to reach the location see [www.solar-district-heating.eu](http://www.solar-district-heating.eu) or contact: [sdh.info@cit.chalmers.se](mailto:sdh.info@cit.chalmers.se)

## Study Tour

A study visit will be organized to the Bo01 area at Västra Hamnen in Malmö in co-operation with E.ON. The study visit will take place on April 9, 2013 in the morning 09:00 - 11:30 and on April 10, 2013 in the afternoon 13:00 - 15:30 (the same tour will be given on both days).

The bus to the site leaves on April 9 at 08:30 and on April 10 at 13:00 from the hotel Scandic Segevång (Segesvängen, Malmö). Additional stops will be made at the conference venue Ekocentrum Syd and Malmö central station.

## Conference co-operation and support

The conference is organized by the following organizations and supported by the partners of the SDHplus project:



media partner:



The conference is supported by:



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## Solar District Heating - Technical solutions, urban planning and business models April 9-10, 2013 - Malmö, Sweden

## Preliminary conference program



## Tuesday April 9, 2013

09:00 - 11:30 Study tour Western Harbour, E.ON

12:00 - 13:00 Lunch (at conference location)

13:00 - 15:00 Session 1: Opening session (Room 1)

Welcome and introduction to Intelligent Energy Europe program and SDH project  
*Antonio Aguilo-Rullan, Executive Agency for Competitiveness & Innovation*

Welcome from the President of Euroheat & Power  
*Frederic Hug, Euroheat & Power*

The Danish model for the development of the large-scale SDH sector  
*Birger Lauersen, Danish District Heating Association*

The Smart Cities concept and challenges for heat networks  
*Ralf-Roman Schmidt, Austrian Technology Institute*

15:00 - 15:30 Coffee break

15:30 - 17:50 Session 2.1: System design and evaluation (Room 1)

Western Harbour plans in Malmö  
*Per Rosén, E.ON*

SDH in Hamburg-Bramfeld - experiences with pre-insulated bonded pipes and solar feed-in  
*Dirk Mangold, Solites*

Decentralised solar thermal integration into district heating networks: theoretical and practical aspects  
*Iyes Ben Hassine, Stuttgart University of Applied Sciences*

Comparison of different architectures of substations for decentralised SDH systems  
*Cédric Paulus, CEA INES*

Developing and maturing large scale solar thermal heating plants  
*Flemming Ulbjerg, Ramboll*

Assessment of SDH research and development in Serbia  
*Nenad Miloradovic, PUC Beogradske elektrane*

Session 2.2: System components (Room 2)

Aspects of hydraulic design in large solar collector fields  
*Philip Ohnewein, AEE INTEC*

Investigations on efficiencies of HT solar collectors for different flow rates and collector tilts  
*Ziqian Chen, DTU Denmark*

Large-scale thermal energy storage - status quo and perspectives  
*Thomas Schmidt, Solites*

Two approaches of seasonal heat storing: Pit heat storage and borehole thermal energy storage  
*Morten Vang Jensen, PlanEnergi*

HT-BTES as a method for seasonal storage of solar heat energy - Case study  
*Olof Andersson, Sweco Environment AB*

Combining solar thermal plants with heat pumps  
*Niels From, PlanEnergi*

Decentralised SDH systems – Swedish experience  
*Jan-Olof Dalenbäck, Chalmers University of Technology*

18:00 - 19:00 Guided tour at Sege Park organized by Ekocentrum (optional)

19:30 - 23:00 Conference dinner at the Hotel Scandic Segevång (Segesvängen, Malmö)

## Wednesday April 10, 2013

08:30 - 09:30 Session 3.1: Models and calculation tools (Room 1)

Integration of solar energy in a district heating for a Southern European ecodistrict  
*Bruno Georges, ITF/INES*

Land lease models for increased use of free land area for solar district heating in Austria  
*Robert Söll, SOLID*

Development of a SDH online calculation tool  
*Laure Deschaintre, Solites*

IP-Solar: Extension and development of a web-based monitoring and diagnostic tool, *Bernhard Gerardts, SOLID*

09:30 - 10:00 Coffee break

10:00 - 12:00 Session 4: SDH in urban planning (Room 1)

Integrating SDH in urban planning  
*Casper Grønberg, Horsens municipality, Denmark*

Legal instruments to enable SDH business models  
*Christian Maaß, Hamburg Institute*

Future DH including SDH?  
*Sven Werner, Chalmers University of Technology*

Conference closing  
*Ulrika Jardfelt, Swedish District Heating Association*

12:00 - 13:00 Lunch (at conference location)

13:00 - 15:30 Study tour Western Harbour, E.ON

Session 3.2: Company presentations (Room 2)

Presentations by:  
*SAED, Ritter XL, Aalborg CSP, SOLID, ARCON, Sunmark, Hydro, Alfa Laval, STAR, Advansor*