

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 or contact: 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 Geradts, 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