

Posters presented in poster session:

Modelling of low temperature heating networks,
Philipp Kräuchi, Lucerne

Controller development for a combined supply and feed-in substation and testing through emulation,
Toni Rosemann, Technical University of Dresden

Process intensification technologies applied to thermal energy storage – Principles, successful applications and perspectives,
Xiaofeng Guo, ESIEE Paris, Université Paris Est

Smart city heat supply in Austria : Seasonal storage combined with solar thermal, *Robert Söll, Solid*

Solar retrofitting in urban district heating networks - Influence of the collector type on the solar yield,
Daniel Beckenbauer, Technische Hochschule Ingolstadt

Guidelines for realising large scale seasonal heat storages,
Daniel Trier, Planenergi

Methodology for the performance testing of solar thermal concentrating plants, *Vincenzo Sabatelli, Enea*

Large scale thermal solar plants - Lessons learned from German pilot plants within the last 20 years, *Dirk Mangold, Solites*

Monitoring results from the 1st French solar district heating in Balma, *Fabrice Renaude, Cofely*

Potential of high-efficient thermal energy stores for solar district heating applications,
Markus Gerschitzka, ITW University of Stuttgart

Findings from monitoring and system analysis of four SDH plants in Austria, *Bernd Windholz, AIT*

Innovative concept for district renovation with integration of solar energy and waste heat coupled to a district heating network: a case study using a district simulation platform,
Vincent Partenay, CSTB

Conference venue

Espaces Vanel
Arche Marengo
1 Allée Jacques Chaban
Delmas
31500 Toulouse

For further information on travel information and accommodations see www.solar-district-heating.eu.

Registration

The registration form and conference fees are available at www.solar-district-heating.eu.

Please register before 9 June 2015.

Information

For further information please contact:

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This conference is an Energy Day 2015



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



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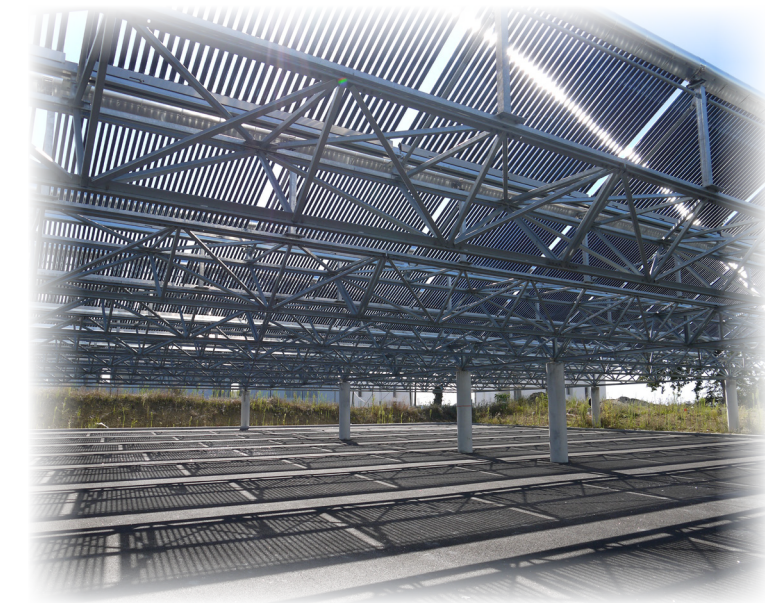


SDH

solar district heating

3rd International Solar District Heating Conference

17-18 June 2015, Toulouse



Supported by



Intelligent Energy Europe Programme
of the European Union

Preliminary programme

Wednesday, 17 June 2015

08:30h Registration

09:00h-10:30h Opening plenary session

Opening and Welcome address
Elisabeth Toutut-Picard, President of the Environment and Sustainable Development commission, Toulouse Métropole

Introduction to the 3rd International Solar District Heating Conference
Emmanuel Goy, AMORCE and Cédric Paulus, CEA INES

Heat and the European energy transition,
Alessandro Provaggi, Euroheat&Power Head of the DHC+ Technology Platform

The development of SDH in Denmark,
Per Kristensen, Danish District Heating Association

10:30h - 11:00h Coffee break

11:00h - 13:00h Parallel session 1.1 - RES and solar district heating for your community

Session chair: Jan-Olof Dalenbäck

Introduction to solar district heating,
Jan-Olof Dalenbäck, Chalmers University of Technology

The first Italian experience on solar district heating in Varese,
Fabio Fidanza, Varese Risorse Spa Gruppo A2A

Solar district heating, a successful topic in France,
Amandine Le Denn, Tecsol

Potential of solar district heating in Italy – analysis of four case studies,
Alice Denarie, Politecnico di Milano - AIRU

Renewable district heating and cooling in Catalonia,
Joana Tarres, IREC

Large scale solar heating and pit heat storage in Vojens and Gram - Figures and experiences from construction, commissioning and start operating,
Flemming Ulbjerg, Ramboll Energy

11:00h - 13:00h Parallel session 1.2 - Advanced SDH concepts : storage

Session chair: Cédric Paulus

Outcome of IEA SHC Task 45
“Large solar heating/cooling systems”,
Jan Erik Nielsen, Planenergi

Large scale solar thermal plants with long term storages: Marstal, Brædstrup and Dronninglund, Denmark
Presentation of the plants,
Per Alex Soerensen, Planenergi
Monitoring results,
Thomas Schmidt, Solites

Simulation based optimization of pit and tank thermal energy storage for solar district heating systems,
Fabian Ochs, University of Innsbruck

Optimization of a low temperature solar district heating system with seasonal underground thermal energy storage,
Reda Djebbar, CanMet

Integration of solar heat production in the operation of an existing district heating system,
Matteo Jarre, Politecnico di Torino

13:00h - 14:00h Lunch

14:00h - 17:30h Session 2.1 - Poster session and technical tour (to be confirmed)

Session chair: Jadranka Maras Abramovic

Posters are presented in 2 minutes each in a plenary session

14:00h - 18:00h French national workshop

19:00h Dinner event

Thursday, 18 June 2015

08:00h - 09:20h Session 3.1 - Industry session

Session chair: Thomas Schmidt

Thermal solar collective installation with low return temperature heat transfer units: some interesting feed back for district heating network,
Matthieu Perrin, Alfa Laval

Innovative water containment system for high-volume, cost-effective heat storage reservoirs for seasonal thermal energy storage,
Stefan Baldauf, GSE ENVIRONMENTAL

Solar district heating in Varese: the Danish technology in the context of Italy,
Zeno Benciolini, SDH Energy

Vitosol 200-t spl – new heatpipe collector in district heating application,
Yannick Goetz, Viessmann

GK 3003 – new single & double glazed large-size collector,
Harald Poscharnig, GreenOneTec

SolGrid, New solar collector for district heating and industrial applications,
Julien Dumas, Clipsol

K5 - District heating performance - made by KBB,
Anja Schmidt, KBB

Turn-key large SDH systems from ARCON-Sunmark based on 25 years of experience,
Christian Stadler, ARCON

09:30h - 11:00h Parallel session 4.1 - Urban planning and business models

Session chair: Riccardo Battisti

The RES directive as a game changer for SDH business cases?
Christian Maass, Hamburg Institute Research

Solid invest - The successful business model for civic investments in solar thermal systems,
Nicole Olsacher, Solid

Solar-CHP - Development of multifunctional systems combining CHP with solar thermal plants,
Magdalena Berberich, Solites

Smart heat design: integration and optimisation of solar thermal energy and other resources in district energy system design,
Jakob Rager, EPFL

Bioenergy villages development from the perspective of a system service provider,
Michael Beckmann, Viessmann

09:30h - 11:00h Parallel session 4.2 - Advanced SDH concepts : System concepts and decentral feed-in

Session chair: Per Alex Soerensen

SDH for a large city district heating network: 206 GWh of solar thermal per year,
Robert Söll Solid

A low-temperature solar district heating with ice storage and absorption heat-pump,
Franziska Langer, Ökoplan

Decentralized feed-in of solar heat into district heating networks – Results of the simulation case study in the joint research project DEZENTRAL,
Martin Heymann, Technical University of Dresden Kai Schäfer, Solites

Variation in differential pressure at a district heating prosumer substation,
Gunnar Lennermo, Mälardalen University

11:00h - 11:30h Coffee break

11:30h - 13:00h Closing plenary session

Panel debate with the participation of
Mediator: Daniel Mugnier, Tecsol
Frederic Hug, COFELY France and President of Euroheat&Power Peter Lietz, GreenOneTec Emmanuel Goy, Amorce Per Kristensen, DDHA Reinhard Loch, Consumer Association North Rhine-Westfalia

Conference and SDHplus project wrap-up,
Thomas Pauschinger, Solites

13:00h - 14:00h Lunch

14:00h - 16:30h Technical tour in French (to be confirmed)