



EVENT DESCRIPTION

Project partner: ESV

Round-table and site-visit of a solar process heat installation

Date & location: 27 January 2011, Hörsching / Upper Austria

Organiser: O.Ö. Energiesparverband

Number of Participants: 37

Summary

The aim of the round-table was to get input and feedback from the main stakeholder groups on how to trigger a market development for solar process heat, to identify the main barriers, to learn from a best practice example and to get input from stakeholders for preparing the So-Pro campaign.

The main stakeholder groups attended the round-table, including solar companies, specialised planners and consultants, ESCOs, representatives of industrial companies and R&D organisations. In addition, three representatives from the ECCB (So-Pro project partner) attended the event.

The programme included the presentation of the So-Pro project, a technical overview on solar thermal collectors for solar process heat, the presentation of a pilot project in theory and in practice. Additionally an ESCO presented his experiences with solar process heat.

Objective & main programme point

The main aim of the round-table was to learn from a best practice example and thus triggering more installations.

After a tour-de-table to introduce each participant, the So-Pro project - including publications and events offered by the project - was briefly presented. Afterwards a technical overview on how to use solar thermal collectors for solar process heat was given.

The main programme point was the presentation of the solar process heat installation at the "Leitl GmbH", who hosted the round-table meeting. Leitl GmbH is a leading

industrial company in Upper Austria (production of bricks, pre-fabricated concrete components and other building materials). A presentation of the recently installed solar process installation, especially of the technical and the economic aspects, was given.

After that, an Upper Austrian ESCO outlined his experiences with solar process heat installations, its efforts to motivate company owners and how such plants could be integrated in a "standard" Contracting project.

After a round of discussion, a guided tour to visit the So-Pro installation was organised which was met with very high interest by the participants.

Conclusions & lessons learnt

Based on the presentations, the discussion among participants and the experiences gained from the "Leitl example", the following conclusions can be drawn:

Technical questions:

- availability of waste heat to be checked first
- proper design and dimensioning of solar collectors (no waste heat in summer time)
- proper integration of solar systems
- ensuring maintenance of the plant
- (remote) control of the plant

Economic questions:

- very often only short pay-back periods are accepted in industry
- solar process heat can be economic under certain conditions (e.g. financial support programmes)
- economic calculation is also a matter on how energy prices are calculated (who can predict fossil fuel prices in 10 years?)

Awareness raising & support tools:

- lack of awareness in industry about possibilities solar thermal use can offer
- lack of pilot projects
- So-Pro checklist is a very helpful tool for ESCOs and advisers to interest companies and make a first So-Pro check

Important next steps (also for the So-Pro campaign):

- make use of best practice examples (communicate them as often as possible)
- need for training -> offer training seminars, technical guidelines, etc.

ANNEX

The following documents are included in the annex:

- Programme
- Pictures

Programme

15.30 Get together

Welcome & Introduction

Chairperson Christiane Egger, O.Ö. Energiesparverband

Welcome by Andreas Gibus, manager of Leitl-Werke

Solar Process heat in Upper Austria

Christiane Egger, O.Ö. Energiesparverband

Technical overview on solar process heat

Harald Dehner, ASIC Austria Solar Innovation Center

Presentation of the solar process heat installation "Consol"

Peter Stockreiter, productmanager of NAU GmbH

"So-Pro" experiences of an ESCO

Ernst Aigner, Manager of Ing. Aigner Wasser-Wärme-Umwelt GmbH

Site-visit of the solar process heat installation "Consol"

Discussion with operator of the installation

17.00 End of the round-table

Programme



INFO-VERANSTALTUNG UND BESICHTIGUNG SOLARE PROZESS-WÄRME

27. Jänner 2011, 14.00 – 17.00 Uhr

Leitl Beton GmbH & Co KG, Bahnhofstraße 20, 4063 Hörsching, Consol Halle

PROGRAMMPUNKTE

Begrüßung, Einleitung

Dr. Andreas Gibus, *Geschäftsführung, Leitl-Werke*
Mag. Christiane Egger, *O.Ö. Energiesparverband*

Solare Prozess-Wärme in Oberösterreich

Mag. Christiane Egger, *O.Ö. Energiesparverband*

Thermische Solaranlagen für Prozess-Wärme

DI Harald Dehner, *ASIC Austria Solar Innovation Center*

Kaffeepause

Vorstellung Consol-Anlage

Peter Stockreiter, *Leitl-Werke*

Erfahrungsbericht

Ing. Ernst Aigner, *Ing. Aigner Wasser-Wärme-Umwelt GmbH*

Diskussionsrunde

Anlagenbesichtigung

Ing. Horst Mannes, *Werksleitung Standort Hörsching, Leitl-Werke*

Moderation: Mag. Christiane Egger, *O.Ö. Energiesparverband*

Pictures

