



WP5.D4: Workshop on solar cooling and solar desalination

Dissemination level: Public

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WORKSHOP ON SOLAR APPLICATIONS

Summary and agenda

SUMMARY

The overall objective of the NEGST project is the development of more cost-effective solar thermal systems and their introduction to the market.

In particular, Work Package 5 aims at assessing the potential of solar thermal systems for advanced applications, such as cooling and desalination. In effect the enlargement of their traditional utilization area, limited to hot water preparation and/or space heating, appears to be an important action for a wider diffusion of solar thermal systems.

In this framework, the participation to meetings, workshops, seminars, exhibitions, and so on, in order to promote innovative concepts in the solar collectors field, is essential for the achievement of the project targets. Moreover this is requisite for the dissemination of the WP5 results.

During the second reporting period of the project, this task was accomplished through the participation to several national events concerning the potential applications of solar thermal systems.

In particular, in this communication, the agenda of the Next Energy 2007 is reported. It was an exhibition, held in Rome from 3 to 4 April, 2007 and dedicated to energy efficiency and renewable energy.

The event was organized by Fiera Milano International within Mostra Convegno Expocomfort with the support of Kyoto Club and represented an important occasion of discussion with national experts in the field of solar energy applications, coming from both research and industry.

The most part of the debated topics were characterized by a strong correlation to the NEGST project issues, such like the possible actions to promote the diffusion of solar thermal systems, the utilization of solar cooling as a suitable alternative to the traditional applications of solar energy, and the integration of solar collectors into the buildings.

In particular the workshop concerning the applications of solar thermal systems was held on April 4th, 2007. It was focused on the new frontiers of solar thermal technologies and the resulting future challenges for the national industry in this area.

Due to the current great attention towards solar thermal energy and, in particular, solar cooling, it is expected that further events will be organized in the near future but, at this moment, the dates are not fixed yet.

WORKSHOP: “1 milione di mq all’anno: la sfida per l’industria solare termica italiana” within the event Next Energy 2007

The workshop was held on Wednesday April, 4th 2007, 14.00-18.00, in Rome, Italy.

In the following figure, the workshop brochure is shown.

1 MILIONE DI MQ ALL'ANNO: LA SFIDA PER L'INDUSTRIA SOLARE TERMICA ITALIANA

14.00-14.30 Registrazione partecipanti

14.30-16.00 1^ sessione
Tavola rotonda: L'industria italiana del solare termico
Moderatore: Flavia Marinpietri, Rai Utile

Intervento introduttivo:
Mario Gamberale, Kyoto Club

Discutono sul tema:
Annalisa Corrado, Ministero Ambiente - CNESS
Antonio Bee, Costruzioni Solari
Riccardo Battisti, Assolterm
Vincenzo Sabatelli, ENEA

16.00-16.30 Coffee break

16.30-18.00 2^ sessione
Chiusura lavori
Le nuove frontiere del solare termico integrato negli edifici

16.30-16.45
Impianti solari termici per la climatizzazione estiva degli ambienti
Mario Motta, Politecnico di Milano

16.45-17.00
KLOBEN sas - CASE HISTORY

17.00-17.15
Solare termico a concentrazione: il progetto Archimede dell'ENEA
Augusto Maccari, ENEA

17.15-17.30
Integrazione del solare termico in architettura
Chiara Wolter, Ambiente Italia

17.30-18.00 Dibattito
18.00 Conclusioni

More information about the Next Energy 2007 event are available at the internet website www.nextenergy.biz