



SOLAR HEATING & COOLING PROGRAMME
INTERNATIONAL ENERGY AGENCY

IEA SHC Task 47

Solar Renovation of Non-Residential Buildings

<http://task47.iea-shc.org/>

Symposium

**»Renovation of Non-Residential Buildings
towards Sustainable Standards«**

**3 April 2014
at Messe Frankfurt
Exhibition »Light + Building 2014«**

Hall 4.2, Room »Dimension«
Ludwig-Erhard-Anlage 1
60327 Frankfurt am Main, Germany

Event language is English, simultaneous translation to German
Veranstaltungssprache ist Englisch, Simultanübersetzung ins Deutsche



3-litre-school building at Olbersdorf after refurbishment

Symposium - Subject

Renovation of non-residential buildings towards sustainable standards

Date

Thursday, 3 April 2014

Duration: From 10:00 -16:00 h, approximately

Event location

Messe Frankfurt, Exhibition »Light + Building 2014«
Hall 4.2, Room »Dimension«
Ludwig-Erhard-Anlage 1
60327 Frankfurt am Main, Germany

Information

The event language is English, simultaneous German translations of the presentations will be provided.

For registered attendees, participation in the symposium is free of charge. We kindly ask you to register before 28 March 2014 at the latest.

Organisation

Fraunhofer Institute for Building Physics (IBP)
Nobelstraße 12, 70569 Stuttgart, Germany

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Symposium

**»Renovation of Non-Residential Buildings
towards Sustainable Standards«**



Fraunhofer-Institut für Bauphysik (IBP)
Herrn Andreas Reith
Nobelstraße 12

70569 Stuttgart
Germany

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Solar Renovation of Non-Residential Buildings
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Aim

The purpose of the seminar is to present the main outcome of the task. International experts will present results from their work. Expected participants are professionals from the building industry, researchers and government representatives.

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Agenda

10:00 Registration

10:30 Renovation of non-residential buildings towards sustainable standards: Overview of the IEA SHC Task 47
Fritjof Salvesen, Asplan Viak, Norway

10:45 Important lessons learned from 20 European exemplary retrofit projects for non-residential buildings
Fritjof Salvesen, Asplan Viak, Norway

11:15 The challenge of retrofitting historic buildings - Examples from Vienna and Graz
Claudia Dankl, ÖGUT - Österreichische Gesellschaft für Umwelt und Technik, Austria

11:35 Deep retrofit of older office buildings: Lessons learned and recommendations
Kirsten Engelund Thomsen, Danish Building Research Institute, Denmark

11:55 Powerhouse Kjørbo - Office buildings renovated to plus-energy standard
Marie Lyseid Authen, Asplan Viak, Norway

12:15 Overview and evaluation of market and policy issues for the retrofit of non-residential buildings

Trond Segel, Segel AS, Norway

12:45 Lunch

13:45 How to achieve high daylighting quality in retrofitted non-residential buildings? Cross-comparison of retrofitted European buildings and recommendations
Roman Jakobiak, daylighting.de UG, Germany

14:15 Retrofitting German school buildings to achieve the energy performance standards of plus-energy schools and 3-litre building schools
Johann Reiß, Fraunhofer Institute for Building Physics, Germany

14:45 Successful retrofit of non-residential buildings: Technical analysis of heating and cooling concepts
Doreen Kalz, Fraunhofer Institute for Solar Energy Systems, Germany

15:15 Design guideline for sustainable refurbishment of school buildings
Sophie Trachte, Architecture et Climat, Belgium

15:45 Summing Up

Registration

This is my binding registration for participation in the symposium »Renovation of Non-Residential Buildings towards Sustainable Standards« on 3 April 2014:

Title / Name

First name

Company / Institution

ZIP code / City

E-Mail

Please return the completed registration form to Fraunhofer IBP so we can register you as a participant in the above-mentioned event. If you prefer to register via e-mail, please mail the required data to Mr. Andreas Reith at IBP.

Place / Date

Signature

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