

## Publications

Publications about energy saving building technologies.

### ↓ Solar shading for low energy buildings, February 2012

The first edition of the ES-SO Technical Guidebook is now available in [English](#). Controlling solar heat and light gain has a considerable positive effect on the energy needs of a building. Solar shading represents technical solutions to influence the energy balance and energy consumption in buildings.

### ↓ ITRS-study, Development of an action plan „dynamic insulation“ and “solar shading” IBH 798/09, April 2012

The study simulates and quantifies the possible saving of energy used in buildings for heating and cooling through the effective use of roller shutters and solar shading devices. The results show that automated, dynamic roller shutters and solar shading devices can significantly decrease both the demand of energy for heating in winter and for cooling in summer.

[Read more](#) ➔

### ↓ Advanced and sustainable housing renovation, a Guide for Designers and Planners, IEA study within the Solar Heating and Cooling Programme, April 2010, [see](#) and more in particular B18 on solar protection.

See also [www.iea-shc.org](http://www.iea-shc.org) for other studies within this programme.

### ↓ New REHVA Guidebook nr. 17 on 'Design of energy efficient ventilation and air-conditioning systems' including a chapter on solar shading is available on: \_

[www.rehva.eu/en/guidebooks](http://www.rehva.eu/en/guidebooks).

## Need to know

### Child Safety- revised standards

[Read more](#) ➔

### Launching Quality Label 'High Efficiency Solar Shading' (HR - Zonwering) in the Netherlands

[Read more](#) ➔

## Introduction

**'Solar Shading Essential for Low Energy Buildings'** was the title of the ES-SO seminar held on 29<sup>th</sup> February 2012 at R+T-Stuttgart's Fair, the world's leading show for solar shading and rollers shutters.



The Over 100 solar shading professionals attended the ES-SO seminar where presentations on current hot topics were given by researchers and industry. Participants also received the first edition of the ES-SO Technical Guidebook and the ES-SO Position Paper (see in the newsletter). ES-SO also hosted a roundtable for researchers and invited members of industry from Europe and USA to discuss ongoing research, needs, and issues. A number of actions were agreed as priorities for the industry and research with the main focus on harmonising outcomes. Initially education packages for professionals and consumers are to be developed, e.g. the ES-SO technical guidebook. Other priorities are to work on harmonised product data and metrics for energy and comfort performance including cooling, heating and lighting, and also to develop tools for optical and thermal properties.



## EUSEW 2012, 21 June - Energy Efficiency in Buildings

Stakeholders invited to test their understanding of energy efficiency in buildings at EuroACE's live polling event

[Read more](#) ➔

## 'The professional installer of solar shading and roller shutters' France

[See video introduction](#) ➔

## Projects

### 'Model Home 2020'

A project by VELUX on climate-neutral buildings with a high level of liveability. Six full-scale experimental demo-houses are built at six different locations in five countries.

[See more](#) ➔

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# News and Events

## 'Solar Shading Essential for Low Energy Buildings, ES-SO seminar 29<sup>th</sup> February 2012 at R+T-Stuttgart.

To download the presentations,

[Click on the link](#) ➔

## 'Launching ES-SO Position Paper, Solar shading is essential for low energy buildings

Solar shading is a key element for improving the energy efficiency and daylight management of existing buildings and in optimising the low-energy designs of new buildings. This existing technology which is so far under-utilised can provide a major impact on the reduction of energy consumption and the carbon footprint of the built environment. At the same time it can improve the thermal and visual comfort of occupants. But solar shading must be considered in the very early design phase of the building - or its refurbishment. The ES-SO Position Paper is now being presented to other stakeholders in the building sector (Active House Alliance is among the first to endorse the paper).

[Read more](#) ➔

## REHVA at ES-SO Workshop, 26<sup>th</sup> April 2012, Brussels

Olli Seppänen, Secretary general REHVA gave a lecture on 'Energy efficiency and indoor environment' and Anders Hall, ES-SO Board member presented 'Two best practices with solar shading in Sweden'.

[Download presentations](#) ➔

ES-SO welcomes Poland Access and Sun Protection Association, 'Polski Związek Pracodawców Producentów Osłon Przeciwiślonecznych i Bram', as **brand new member**. [Click here](#) ➔