

REHVA Community News

REHVA / ES-SO Task Force on Solar Shading

REHVA and ES-SO have established a Task Force with the objective of working toward a REHVA-ES-SO Guide Book On Solar Shading, to fit into the available series of REHVA Guide Books. The Guide Book should give the designers in the building trade (architects and building services engineers) state-of-the-art information on the new possibilities in solar shading, and its integration with other building services, in particular HVAC, and how this affects the energy use of buildings. The Guide Book should be finalized within 18 months and hold potential to be the subject of a major presentation during the 2010 CLIMA Seminar.



The ES-SO / REHVA Task Force on Solar Shading had their first meeting in REHVA office. Standing from left Ellen Kohl, Warema; Wouter Beck, HunterDouglas; Dick Dolmans, ES-SO, Claudiu Razvan Mizu and Thierry van Steenberghe REHVA, Gonzague Dutoo, Dickson-Constant. Sitting Anders Hall, Somfy and Zoltan Magyar, REHVA. Photo by Olli Seppänen REHVA.



REHVA General Assembly 2009

Book the dates!

The 2009 General Assembly is organized by TVVL and will be held in Amsterdam, the Netherlands, next 14-16 May 2009. Registration is to be made until 15 March 2009, and hotel reservation should be made before 1 April 2009.



REHVA Recent Events

Congress on Installations for the Beginning of the Third Millennium

During 15 – 18 October 2008 at International Convention Centre Casino Sinaia took place the 43rd International Installations Conference Installations for the Beginning of the Third Millennium, with the theme Increasing of Energetical Performance of the Buildings and Afferent Installations. The main objectives of the conference was that of creating facilities for scientific exchange between young engineers and those well-known from Romania and from all Europe. For more information contact [Ioan Dobosi](#)

During the congress as an appreciation of the valuable and precious technical, scientific, teaching, publishing and academic activity, Acad. Prof. Dr. Eng. Liviu DUMITRESCU, the President of Romanian Installations Engineers Association, received a degree awarded by Mr. Francis Allard, president of the Federation of the European HVAC associations.



Upcoming HVAC Events

ASHRAE Winter Conference, Jan 24-28, 2009

Palmer House, Chicago, Illinois, USA. This year's Winter Conference theme is Sustainable Urban Design: Engineering Tomorrow...Today (www.ashrae.org/events/page/1925).

REHVA Events at ASHRAE Winter meeting in Chicago 24-28 January 2009

Saturday 24

- 1:00 – 2:30 pm: ASHRAE Clima 2010 committee meeting

Sunday 25

- 8:00 am - 5:00 pm: REHVA internal meetings
- 1:30 pm - 4:30 pm: ASHRAE Associate Society Alliance Meeting

Monday 26

- 8:00 am - 9:30 am: REHVA seminar, Salons 8/9 on Third Floor
Topic: Actions in Europe to improve energy efficiency of buildings
- 3:00 pm - 6:15 pm: ASHRAE Associate Society Alliance Meeting
- 6:00 pm - 7:00 pm: REHVA reception, Salon 12, Palmer House Hilton.

REHVA Training courses at the Exhibition place

- No 1 Design of chilled beam cooling system for office buildings
Sunday, Jan. 25, 2009, 2-5 pm at McCormick Place
- No 2 Design of low temperature heating systems
Monday, Jan. 26, 2:30-5:30 pm at McCormick Place

AHR Expo, Jan 26-28, 2009

REHVA is proud to endorse AHR Expo 2009, Chicago, Illinois, the world's largest HVAC&R exposition, with over 1850 exhibits and 72 educational sessions covering a world of equipment, systems, components and technology for the air-conditioning, heating, refrigeration and ventilation industry (www.ahrexpo.com).

ISH – Frankfurt, March 2009

The next ISH-Frankfurt Fair, world's leading trade fair in Building, Energy, Air-conditioning Technologies and Renewable Energies, will be held 10-14 March 2009, in Frankfurt am Main, Germany.

Cold Climate HVAC, March 16-19, 2009

The 6th International Conference on Cold Climate - Heating, Ventilating and Air- Conditioning will be held in Sisimiut, Greenland. Abstracts should be submitted by Oct 1st 2008 to secretariat info@danvak.dk. Complete information is available on www.coldclimate2009.dk.

Healthy Buildings 2009, September 2009

SyracuseCoE and Syracuse University will host Healthy Buildings 2009, a premier international conference and exhibition, in Syracuse, NY, USA on September 13-17, 2009.

The conference website www.hb2009.org is now open and is accepting abstracts through an on-line abstract submittal system.



EC & EC-supported Projects News

EPBD: Recasting of the Energy Performance Buildings Directive

At the moment the European commission is preparing a new extensive package for energy and climate policy with an action plan. The recasting of Energy Performance of Buildings Directive belongs in this package. The structure of the recast EPBD will remain the same, but we try to clarify, simplify and focus better the new directive. Specifically the quality and impact of energy certificates has to be improved, including the inspections related to the certificates. Inspections of boilers and air-conditioning have also to be enhanced. As the largest potential for energy savings is in the existing building stock it would be feasible to reduce the current floor area limit of 1000 m², which currently excludes a major part of the building stock from mandatory improvements of energy efficiency.

The whole package including the EPBD will be published by the end of the year 2008, promises Mrs Koskimäki in her interview. Read more from the REHVA Journal 4/2008 (read it for free on www.rehvajournal.com and then subscribe!).

Second Strategic Energy Review from European Commission Launched

The first Strategic Energy Review led to the European Council agreement in March 2007 on energy policy targets for Europe. The March 2007 European Council invited the Commission to bring forward an updated Strategic Energy Review in early 2009. The proposals adopted on 13 November 2008 responds to that request. The energy package included several detailed proposals that will have a significant effect also on building industry. At the forefront is energy efficiency. A package of energy efficiency proposals aims to make energy savings in a number of areas, such as reinforcing the key energy efficiency legislation on buildings and energy-using products, and enhancing the role of energy performance certificates as well as inspection reports for heating and air-conditioning systems. To improve efficiency in energy supply, the Commission has adopted guidelines to enable the uptake of electricity generation from highly efficient cogeneration installations. In 2009, the Commission plans a thorough evaluation of the 2006 European Action Plan for Energy Efficiency. More information [here](#).

Directive on Renewable Energy Sources in the European Parliament and Council

Commissioner Pielbags made a speech in London this November 2008 where he said: "This is our Proposal [Renewable Energies Directive]. There are a range of obstacles facing the development of renewable energy in all Member States, and we have tried to address each of them. Since we published the proposed law in January, it has been working its way through the European legislative process. Discussions are now intensifying between the EU's 27 Energy Ministers in Council and Members of the European Parliament. [...] We very much hope that the Council and European Parliament will agree this new framework by the end of this year." The whole speech is available [here](#).

Sustainable Energy Week of European Union

The European Commission's Directorate-General for Energy and Transport, the European Institutions and major stakeholders concerned with sustainable energy are organizing third EU Sustainable Energy Week (EUSEW). It will take place in Brussels, Belgium, and in other cities across Europe from Monday 9 to Friday 13 February 2009. The EUSEW is the key annual reference point for sustainable energy issues in Europe. The events organised during EUSEW cover key topics that highlight the multi-sectoral nature of sustainable energy development and stress the need for everyone to work together towards a common goal.



More information and registration at www.eusew.eu (registration is necessary to all individual events).

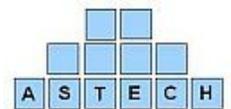
SOLAIR Project

The IEE supported project SOLAIR (Increasing the Market Implementation of Solar Air-Conditioning Systems for Small and Medium-Sized Appliances in Residential and Commercial Buildings) will organize on 10 February a.m. in Brussels a seminar on Solar Air-Conditioning Systems in collaboration with the SolarCombi+ project (also EC-supported by the IEE Programme) in the framework of the European Union Sustainable Energy Week (EUSEW). More information soon on the [project](#) and [REHVA](#) web sites. The event is free, but registration is necessary on the [EUSEW site](#). In the afternoon of the same day, another seminar on Solar Cooling Technologies for islands will be held by SOLCO.



ASTECH Project

The ASTECH project is organizing a China-EU seminar on Renewable Energy for Heating and Cooling in Hangzhou, China, in co-operation with the Chinese partner ZERI. It will be held on next 18-19 February 2009. More information soon on the [ASTECH project site](#) and on [REHVA web site](#). Companies and other organizations interested to participate either directly or by sending information material are specially welcome, as the event will offer ample opportunities to meet with Chinese Public Authorities and industrial organizations.



The project is building up a database of multilingual RES-H&C documents which will eventually be searchable in nine EU languages. Any interested organization is invited to become a member of the ASTECH network by registering on the multilingual [project web site](#) which will allow them to upload their information and to search the database at anytime.



COOLROOFS, a newly launched IEE-supported Project

The CoolRoofs project was launched last October. The major objective of the Cool Roofs project is the implementation of an Action Plan for the promotion, market transformation and changing behavior towards cool coatings technology in the European Union.

The Action Plan's implementation is coordinated by the development of the EU-Cool Roofs Council.

Two distinct web sites are in construction and will be announced soon [here](#) on the REHVA web site.



Publications

New VDI-Guidelines in Building Services

During 2008 the VDI-Society for Building Services published 30 new guidelines. The following guidelines are available in German and English:

- VDI 2160 Refuse collection in buildings and outdoors - Requirements for containers, container sites and transport routes
- VDI 4710 part 1 Meteorological data for building-services purposes Non-European climatic data

EPBD Buildings Platform Information Papers

The EPBD Buildings Platform is a European Commission initiative which provides information services for practitioners and consultants, experts in energy agencies, interest groups and national policy makers in the European Member States for helping the implementation of the European Energy Performance of Buildings Directive (EPBD): see www.buildingsplatform.eu. Many of the Information Papers are also available in languages other than English. The first stage of Buildings platform project will end with the year 2008. The second stage will begin early 2009 with more focus on informing the various target groups.



Swegon Air Academy

Swegon Air Academy has published an extensive book on Indoor Air Quality, Ventilation and Air Conditioning. The book is simply titled "Air", and it has 624 pages. It was published in English and Swedish and written by group of experts including several REHVA activists, and was edited by Conny Nielsson and Lars Ekberg.

Read more in the December issue of REHVA Journal (read it for free on www.rehvajournal.com and then subscribe).

REHVA Journal

The REHVA Journal has gained in reputation with its improved quality. In response to the readers demand the number of the issues will be increased from the previous four issues to six issues per year in 2009. The number of pages will be also increased as well as the circulation.

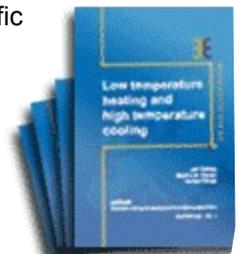
To be able to better follow the rapid developments in the heating, ventilation and air-conditioning domain, an editor-in-chief has also been appointed for the journal. The goal is to make the REHVA Journal the top journal in Europe in this domain within the coming years. To this end, much help will be required from REHVA members and supporters!

REHVA also publishes this Newsletter, which can be accessed free of charge from www.rehva.eu >publications>newsletter. The REHVA journal is also available from the same address.



REHVA Guidebooks

REHVA Guidebooks provide the latest technical knowledge and guidance on various specific HVAC technologies. They are available from the [REHVA Bookstore](http://www.rehva.eu).



[Register to REHVA Newsletter free of charge](#)

Founded in 1963, REHVA is a European organization connecting European professionals in the area of Building Engineering Services, and representing more than 100.000 building services engineers from 28 European countries.

REHVA is the leading professional HVAC organization in Europe, dedicated to the improvement of health, comfort and energy efficiency in all buildings and communities.

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