

REHVA Community News

Mrs Adriana Ticau, MEP, the rapporteur of the recast EPBD visited REHVA office in November to discuss some technical issue of the recast EPBD. REHVA’s experts stressed the importance of the technical feasibility of the contents of the recast EPBD and the importance of economical support to implement the EPBD. She asked REHVA



members to use all available channels to influence the national governments to give all support to her proposal regarding the economic support for the implementation of EPBD.

In the picture from REHVA office: Mrs. Ticau, and REHVA experts Jaap Hogeling, Derrick Braham, Bjarne Olesen, Michael Schmidt and Olli Seppänen

VDI award to REHVA Secretary General

The REHVA German member VDI (Verein Deutscher Ingenieure) awarded Professor Olli Seppänen in the annual meeting in Erfurt. The award was granted to Mr. Seppänen due to the work in developing the Federation of European Heating and Air-conditioning Associations and establishing relations to authorities of European Union and to organizations working at construction section in Europe.

The award was presented by professor Dr.-Ing. Uwe Franzke, president of VDI’s Building Services Section (right), from Dresden and Professor Michael Schmidt (left) from Stuttgart. The award has been given only once outside Germany.



Upcoming HVAC Events



**10th REHVA WORLD CONGRESS
 “Sustainable Energy Use in Buildings”**

Clima 2010 Abstracts by country on Oct 31st

Country	# of Abstracts
Algeria	11
Australia	4
Austria	15
Bangladesh	2
Belgium	35
Brazil	8
Bulgaria	1
Canada	20

Country	# of Abstracts
France	41
Germany	29
Greece	8
Hong Kong S.A.R.	7
Hungary	11
India	9
Iran	22
Ireland	5

Country	# of Abstracts
Latvia	16
Malaysia	2
Netherlands, The	31
Nigeria	2
Norway	8
Philippines	1
Poland	18
Portugal	10

Country	# of Abstracts
Slovenia	8
South Africa	2
South Korea	25
Spain	10
Sweden	23
Switzerland	14
Syria	2
Taiwan	3

China	24	Israel	1	Reunion (France)	3	Tunisia	4
Czech Republic	7	Italy	47	Romania	33	Turkey	87
Denmark	17	Japan	77	Russia	1	Ukraine	1
Egypt	11	Jordan	1	Serbia	1	United Arab Emirates	2
Estonia	7	Korea	10	Singapore	9	United Kingdom	13
Finland	25	Kuwait	1	Slovakia	14	United States	48

Total 847

RoomVent 2011

The 12th ROOMVENT Conference will be arranged in *Trondheim, Norway, 19-22/06/2011*

The Norwegian Association of HVAC Engineers (Norvac) is delighted to be organising the event. –This is an important arena for room air distribution, says manager Thor-Jostein Egeland of Norvac, who is organising the conference along with the Norwegian University of Science and Technology and the research institution Sintef. The ROOMVENT Conference will focus on new technology and ventilations strategies for low energy, passive houses and zero emission buildings as well as energy efficient ventilation in the built environment as such. Modelling and visualization will be an important theme including strategies for natural, hybrid and mechanical ventilation. Transport and spread of airborne infections will be other important issues.

www.sintef.no/Projectweb/Roomvent-2011

The largest innovation forum in the world: **Light+Building 2010** will be the world's largest industry meeting place for lighting, electrical engineering and home and building automation. Don't miss this opportunity to attend the event and experience the latest innovations relating to energy-efficient solutions and sophisticated design – live! *Frankfurt am Main, 11-16 April 2010* - www.light-building.com

ASIEPI web events - How to improve ductwork airtightness (Ongoing developments and success stories in Europe). *International WebEvent -16 December 2009 -10:00-12:00 ECT*. More information on the [ASIEPI website](#) - An initiative of the European SAVE ASIEPI project. The workshop is supported by the European Union through its intelligent Energy – Europe Programme



PALENC 2010 - *Rhodes Island, Greece, September 29-October 1, 2010*

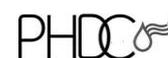


Jointly organized with: 5th European Conference on Energy Performance & Indoor Climate in Buildings (EPIC 2010) and 1st Cool Roofs Conference <http://palenc2010.conferences.gr/>

Please visit also the Cool Roofs project website www.coolroofs-eu.eu and take part in the [survey](#). The project is publishing a [Newsletter](#) to which you can subscribe for free.



PHDC Symposia "Cooling without Air-conditioning" will be held next January in *London, UK, 8 - 9 January 2010*. For information, programmes and registration, visit www.phdc.eu



REHVA will organize several workshops at **Clima 2010 congress**:

Some topics of the workshop include the following:

- Presentation of the guidebook from REHVA concerning HVAC air filters, and future actions
Co-sponsor: **Camfil, REHVA Task Force**
- Reinventing of mixing ventilation: how to provide good measured and perceived indoor conditions?
Co-sponsor: **Halton**
- Low Exergy Heating and Cooling Systems for High-Performance Built Environments
Co-sponsors: **IEA ECBCS Annex 49, Uponor**
- Demand Controlled Ventilation (DCV); the art of reducing energy needs whilst maintaining a healthy indoor climate - Co-sponsor: **Swegon**
- Regulations based on energy using products directive and Eurovent certification programmes
Co-sponsor: **Eurovent**
- Automated solar shading, a necessary instrument for optimum HVAC design in a holistic approach
Co-sponsor: **ES-SO, REHVA Task Force**
- **Building simulation** - Co-sponsor: **VABI**
- Improvement of assessment and simulations methods to reduce global primary energy as well as life cycle impact with illustration in a case building - Co-sponsor: **ICADE**
- Decentralized pump system delivers heat only according to needs - Co-sponsor: **Wilo**

- Energy Efficiency of different Heating and Ventilating Systems across Europe – with emphasis on the rating methods and the accuracy of the results- Co-sponsor: **Rettig ICC**
- Maximum safety in public buildings in case of fire - Co-sponsor: **Belimo Automation AG**
- District Cooling - adding value to your business
Co-sponsors: **Climespace, Fernwärme Wien, Göteborg Energi, Helsinki Energy**

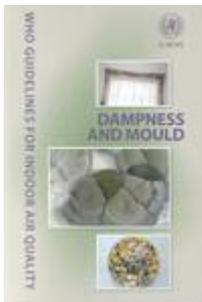
ISH China International Trade Fair for Sanitation, Heating and Air-conditioning
China National Convention Center, Beijing, China, 10-12 March 2010
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www.messefrankfurt.com; www.ish.messefrankfurt.com



For more HVAC events, please check the REHVA Events Calendar on www.rehva.eu and www.buildup.eu

Publications

WHO Guidelines for Indoor Air Quality: Dampness and Mould



Summary: When sufficient moisture is available, hundreds of species of bacteria and fungi - particularly mould - pollute indoor air. The most important effects of exposure to these pollutants are the increased prevalence of respiratory symptoms, allergies and asthma, as well as disturbance of the immune system. Preventing (or minimizing) persistent dampness and microbial growth on interior surfaces and building structures is the most important means of avoiding harmful effects on health. This book provides a comprehensive overview of the scientific evidence on the health problems associated with this ubiquitous pollution and provides WHO guidelines to protect public health. It also describes the conditions that determine the presence of mould and provides measures to control its growth indoors. Click [here](#) to order it online.

New CIBSE publications

REHVA members can now receive a **30% discount** on the non-member price of CIBSE publications*. Why not take advantage of this offer and get up-to-date on the latest CIBSE guidance?

- KS15 Capturing solar
Price: £46 (£32.20 for REHVA members)
- From the Society of Light and Lighting, a new edition of The SLL Code for Lighting
Price: £143 (£100 for REHVA members) (CD-ROM)
- KS7 Variable flow pipework systems
Price for KS7 including supplement: £42 (£29.40 for REHVA members)
- TM39 Building energy metering

Publications can be ordered by telephone on +44 20 8772 3618, by fax on +44 20 8675 6554 or online at www.cibse.org/publications.

ASHRAE Handbook Becomes More Accessible in Online Format

The ASHRAE Handbook is the most widely cited reference source for HVAC&R technology in the world. The hardback version of the Handbook is published in a series of four volumes, one of which is revised each year, ensuring that no volume is older than four years. The ASHRAE Handbook Online, however, allows access to all of the four most recent volumes at once. To subscribe to the ASHRAE Handbook Online, visit <https://handbook.ashrae.org> for immediate access to vast and valuable HVAC&R technology and resources. Additional information may be found at www.ashrae.org/handbookonline.

High-Performance Building Standard Provides the Foundation for Green Building Codes

A proposed high-performance building standard and a stronger version of Standard 90.1, both being released next year, together will provide a total green resource for local and state governments looking to set building code requirements to reduce energy use. Proposed Standard 189.1, Standard for the Design of High Performance, Green Buildings Except Low-Rise Residential Buildings, is being developed by the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) in conjunction with the Illuminating Engineering Society

(IES) and the U.S. Green Building Council (USGBC). The standard is slated to be the first code-intended commercial green building standard in the United States when published early in 2010. It covers key topic areas typically included in green building rating systems: site sustainability, water use efficiency, energy efficiency, indoor environmental quality, and the building's impact on the atmosphere, materials and resources.

Scanvac Newsletter available at www.scanvac.net

EU News

Contents of the recast EPBD agreed between the Parliament and Council

The official negotiations were finished between the Parliament and the Council, and the successful conclusion of informal negotiations was reached on November 17th. Mrs Silvia-Adriana Ticău (S&D, RO) said that the political agreement reinforces the EU's leading role in fighting climate change: "At the Copenhagen Conference, Europe could present an effective tool to make the ambitious environmental objectives happen. We are committed to invest more and to better use the financial instruments for the energy efficiency of buildings and renewable energy." Many of the issues discussed two weeks before in the REHVA office are included in the recast EPBD. See also the interview of Mrs Ticau in [REHVA Journal](#) (issue 5/2009, page 12).

REHVA opened collaboration with CEN/TC 228 Heating systems in buildings

In September 2009, REHVA started official collaboration with European Committee for Standardization (CEN) technical committee (TC) 228 Heating systems in buildings during its annual meeting. This TC is responsible for European standards related to design, installation, commissioning, operation of heating systems in buildings and hydraulic surface heating and cooling systems.

Karel Kabele, REHVA vice-president and CEN/TC228 liaison delegate, Professor at Czech Technical University in Prague

"The European parliament cannot accept a weak EPBD recast" tells MEP Silvia Adriana TICAU, the rapporteur of EPBD in the Parliament. Read the full interview in the next REHVA Journal www.rehvajournal.com

EC & EU supported projects



REHVA now benefits from an official BUILD UP Partnership

In November 2009, REHVA, www.rehva.eu joined the BUILD UP initiative as a Partner, following an invitation from the European Commission. Replacing the former EPBD Buildings Platform since 16 June 2009, www.buildup.eu "is a new environment for building professionals, local authorities and building occupants willing to share their experience on how to cut energy consumption in buildings", said Andris Piebalgs, European Energy Commissioner. No money is involved in the BUILD UP Partnership, but it requires effort, especially to actively submit proposals of good practice examples and resources on the BUILD UP web portal. The BUILD UP Partners – also REHVA's members in the countries – are expected to bring a substantial contribution to the promotion and dissemination of BUILD UP. In this way, it fits perfectly into the communications needs that were expressed so far. As a [BUILD UP Partner](#), REHVA shares its existing knowledge, guidelines, tools and best practices for energy-saving measures in buildings across Europe.

Find resources, post your materials, and share knowledge on www.buildup.eu the European portal for energy efficiency in buildings.

[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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