

REHVA Community News



Maija Virta, vice-president of REHVA, was elected as the CEO of the Finnish Green Building Council. The council was established by major Finnish constructions companies, developers and manufacturers.

Upcoming HVAC Events

CHILLVENTA, October 13-15 2010, Nuremberg, Germany

The exhibition focuses on heat pumps and refrigeration. In 2008, more than 30 000 experts visited the show. www.chillventa.de

ROOMVENT 2011, June 19-22.2010, Trondheim, Norway

RoomVent 2011 has so far received almost 200 abstracts from 34 countries. However, we wish to take in many more abstracts and we kindly ask you to encourage and push scientists from your own countries and all other potential participants to send abstracts not later than October 15, 2010.

For more information, you should access the website for ROOMVENT 2011 at www.roomvent2011.org where you may upload your Abstracts.



AHR EXPO, January 31 –February 2, 2011, Las Vegas, Nevada, Unites States. Visit the website for more information www.ahrexpo.com



CLIMA 2013, Prague

The 11th REHVA world congress CLIMA 2013 will take place in *Prague* on 16-19 June 2013 with the theme of “Energy efficient, smart and healthy buildings”. www.clima2013.org

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

Publications

REHVA report “Sustainable Energy Use in Buildings” REHVA Workshops at Clima 2010 (90 pages) is now available at REHVA bookstore www.rehva.eu. It includes summaries and conclusions from workshops that were organized at the congress. The PowerPoint presentations given in the workshops are included on the CD that is attached to the report. Price: 60€ + mailing cost.

Proceeding of the Clima 2010 conference in Antalya

If you missed the Clima world Congress in Antalya, all papers presented at the conference are now available from REHVA bookstore at www.rehva.eu. Over 600 papers are included with lengths of 6-12 pages each – huge source of information. The CD allows you to search by author, topic, keyword, etc. – very easy to use programme. The papers include important topics such as: Sustainable use of energy in buildings, Buildings & Architectural design integration, Modern HVAC systems Healthy and Productive Indoor Climate. Price: 50€ + mailing cost.

VDI Guidelines published – July and August 2010

VDI 2083 Part 16.1 “Clean room technology; Barrier systems (isolators, mini-environments, separate devices); Effectiveness and certification”

This guideline provides guidance for the planning, manufacture/installation, commissioning and operation of barrier systems in contamination control. Planer, manufacturer and user of clean environments must define, and lay down in writing, the requirements to be met by the product and its environment. The guideline supplements DIN EN ISO 14644-7 in practical aspects.

VDI 2067 Part 1 “Economic efficiency of building installations; Fundamentals and economic calculation”

The guideline deals with the calculation of the economic efficiency of building installations. It applies for all building types. Because the calculation of the power requirement is made step by step, the guideline is divided in several parts. Part 1 gives an overview about the complete works of the series of guidelines. The essential fundamentals and terms and definitions are explained in this guideline. The standards and guidelines as well as special terms and definitions belonging to the calculations in each time are listed in the corresponding parts.

VDI 2169 “Functional checking and evaluation of gain of solar thermal systems”

This guideline is intended for planners and executing companies, pointing out the options for functional checking and checking of output of solar thermal components in installations and listing the prerequisites to their application. It guides the user of an installation in taking action to control the specified operation of a system. Functional and output checking focuses on solar systems for heating drinking water. These recommendations, however, can be used for other uses by way of analogy.

VDI 6012 Part 1.1 “Integration of decentralised and regenerative energy systems in buildings; Fundamentals; Project planning and execution”

The guideline deals with the integration of regenerative and decentralised energy systems in buildings, starting from planning, continuing with operation up to disposal. The guideline does not deal with large-scale systems such as coal-fired, nuclear, hydro-electric and geothermal or photoelectric power plants and wind parks. Essential issues are the integration of energy-generating systems into the building, consideration of the combination with other building services (such as building management). The guideline can be applied to residential and non-residential buildings. Special requirements may have to be taken into account for non-residential buildings.



EU News

European Parliament adopts EPBD recast

The Energy performance of building directive recast was published in the *Official Journal of the European Union* on June 16 and came into force on 9 July 2010. Member States shall adopt and publish, by 9 July 2012 at the latest, the laws, regulations and administrative provisions necessary to comply with most of the articles.

EU energy policy

During a meeting of the Energy Council in Brussels, EU ministers gave their first views on the upcoming EU energy strategy for 2011-2020, agreeing that it should be ready for endorsement by EU leaders in March 2011. The strategy, originally intended for a 2010-2014 time frame, has been delayed. The EU executive decided to extend the horizon to 2020 to align it with the 'Europe 2020' strategy and give a stable framework for long-term energy investments. The ministers agreed that to

meet the 2020 climate goals, it is important to first implement existing legislation fully. But considering the long lead time of energy investments, they stressed that the strategy should also be in line with long-term climate goals. The European Commission is planning to present a 2050 energy roadmap early next year to provide a long-term vision for EU energy policy. Many ministers also stressed the importance of external energy policy, calling for progress on interconnections. Among the shortcomings of EU energy policy identified by the Commission are poor implementation of EU energy legislation, lack of interconnected and smart grids, under achievement of energy-efficiency potential, weak coordination of external energy policy and relatively low levels of the R&D spending required to lead on innovation leadership.

Commissioner Günther Oettinger revealed to journalists after an informal meeting of European energy ministers on 7 September 2010 that he would bring out the much delayed new Energy Efficiency Action Plan this year. Commissioner Oettinger said his department would be doing some intensive work over the coming months to prepare drafts for scrutiny at a 4 February 2011 EU summit devoted to energy. One of these drafts will be the new energy infrastructure package, which the Commission is currently working.

CEN annual report is available at [CEN Annual Report 2009](#). The year 2009 saw numerous reflective exercises by the European Standards Organizations on their strategy, role and activities. The CEN Annual Report summarizes the most important policy developments, which allow us to remain competitive in the next decade, and outlines our technical accomplishments in the many different sectors we are active in.

European Heating Industry appoints new Chairman, Vice-Chairman and Executive Council

EHI, the Association of the European Heating Industry, announces the appointment of its new Executive Council, following the 10th meeting of the General Assembly, held on 9 June 2010 in Genval (Brussels), Belgium. The new EHI Chairman is Klaus Huttelmaier, member of the managing board of Bosch Thermotechnik GmbH. Mr. Huttelmaier has served as EHI Executive Council member since the association's formation in 2002, supporting its development into the united voice of the European heating industry.

European refrigeration, air conditioning and heat pumps contractors association (AREA)

The AREA General Assembly unanimously elected new Board members at its spring meeting in Krakow (Poland).

- President: Graeme Fox (*RACG, United Kingdom*)
- Vice-President: Marco Buoni (*ATF, Italy*)
- Past President: Gerhard Neuhauser (*ÖKKV, Austria*)
- Treasurer: Frank Heuberger (*BIV, Germany*)
- Director: Per Jonasson (*KYL, Sweden*)
- Director: Philippe Roy (*SNEFCCA, France*)

Construction Activity in the EU as a Whole Declined by 7.5% in 2009

The European Construction Industry Federation (FIEC) reported in June 2010 that there had been a decline of 7.5% in overall EU construction activity in 2009 and that a further drop of about 4% is expected in 2010. The report states that there has been a decline in activity in nearly all of the Member States of the EU, with some suffering much more severe falls than the overall average. In fact the reduction in construction activity has largely been concentrated within the new house building (-15.6%) and private, non-residential (-10.8%) sectors. In contrast, rehabilitation and maintenance activities have, in most EU countries, benefited from fiscal incentives in favour of energy efficiency measures and have therefore recorded a relatively small decrease of 4.1%. A direct consequence of this decline in activity has been an 8.3% fall in employment in the sector. To read the full annual statistical report of the FIEC on construction activity, go to:

<http://www.fiec.org/docshare/docs/2/HIFPEHEBLPDFMECJEEPDBJPFBVDV3Q6PDBGHKQOQHUYBY/E/CIF/docs/DLS/KeyFig2009edition2010-final-200604-001107-EN-v1.pdf>

Ecodesign of energy related products directive and regulations

Based on Framework directive 2009/125/EC DG Energy and DG Enterprise are preparing regulations to control environmental friendliness of several HVAC product groups (Lots) such as

- Lot 1 Boilers for central heating systems
- Lot 2 Water heaters
- Lot 6 Air conditioning and ventilation products
- Lot 10 Residential room air-conditioning appliances
- Lot 11 Electrical motors and ventilation fans
- Lot 15 Solid fuel small combustions installations
- Lot 20 Local room heating products
- Lot 21 Central heating products using hot air to distribute heat

The preparation of all these product regulations is done in DG Energy except Lot 6 which is prepared by DG Enterprise. The process of the work is different stages in each product group. Back ground studies are finished for Lots 1, 2, 10, 11, 15 and ongoing for Lots 6, 20, and 21.

EC & EU supported projects

The IEE-SAVE project ASIEPI has recently rounded off its activities.



ASIEPI is the acronym of the full project name: "Assessment and Improvement of the EPBD Impact (for new buildings and building renovation)". The project ran over two and a half years.

The main objective of the ASIEPI project has been to formulate suggestions to policy makers on how to improve the quality and the impact of the regulations on the energy performance of buildings with respect to 6 specific issues:

- Inter comparison of the levels of the EP-requirements
- impact, compliance and control of legislation
- effective handling of thermal bridges
- stimulation of good building and ductwork air tightness
- support for the market uptake for innovative systems
- stimulation of better summer comfort and efficient cooling

A summary Information Paper (P191) briefly synthesises the major project conclusions and is directly available on <http://www.buildup.eu/publications/8756>. On-line PowerPoint-presentations in 7 different languages also recapitulate the major project outcomes. A more detailed description of the recommendations with respect to each of the 6 topics can be found in the 6 topical summary reports. These also give an overview of all other material that is available on each of the topics, such as:

- detailed technical reports
- information papers
- recordings of internet information seminars
- presentations-on-demand
- conference abstracts and papers
- other related material, such as documents supplied by third parties

All materials are readily available on the website www.asiepi.eu. We kindly invite you to explore the site and use the information to your good advantage. We wish you an interesting visit of the project website.

[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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