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## REHVA Technical seminar in Brussels

The seminar was held at the Thon Hotel Bristol Stephanie in Brussels, Belgium on October 18<sup>th</sup> 2012. The topic of the seminar was on **Buildings and HVAC-Products related to the EU Energy Efficiency Regulations**.

A brief summary is presented below, to download all the presentations, please visit REHVA [website](http://www.rehva.eu).

The participants were welcome by **Prof Michael Schmidt**, REHVA President.

The seminar started with updates on EU policies for energy efficiency and recent developments on the Directives on Energy Efficiency, Energy Performance of Buildings and Eco-design and Energy-labelling which were presented by **Clemens Haury** from the European Commission.

The current status and next steps in the Task Force for revised definition were summarized by **Jarek Kurnitski**, Vice President of REHVA, from the Tallinn University of Technology in Estonia.

TC 350 standards for social and environmental sustainability (indoor climate and EE) were presented by **Ari Ilomäki**, chair of TC 350. Finland introduced the work of CEN/TC 350 and the standard package in preparation, partly in joint efforts between CEN and ISO.

The president of ISHRAE, **Sushil K. Choudhury**, presented the history and activities, including a few common efforts between ISHRAE and REHVA, including mutual promotion of the ACREX events, and books sales.

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**Clemens Haury, DG Energy,  
European Commission**



**Jarek Kurnitski  
Tallinn University of Technology,  
Estonia**



**Ari Ilomäki, chair of TC 350  
Finland**



**Sushil K. Choudhury  
National President of ISHRAE**



**Sylvain Courty, Eurovent  
Certification, France**



**Francis Allard, University of La  
Rochelle, France**



**Bjarne W. Olesen, DTU,  
Denmark**



**Donald Leeper, CIBSE  
United Kingdom**



**Frank Hovorka  
Caisse des Dépôts, France**

**Sylvain Courtey** presented Eurovent Certification voluntary certification schemes for several product types for air conditioning and ventilation. The work is now focused more on products subject to mandatory ecodesign and labelling requirements.

**Francis Allard** from the University of La Rochelle presented France regulations that were launched in 2007 for building retrofitting, supported by voluntary building labelling and financial incentives.

**Bjarne W. Olesen**, Vice President of REHVA, from DTU, Denmark presented new air cleaning technology that has been developed to apply where ventilation is not possible, like submarines. Some promising test results have been achieved using a desiccant rotor. However, test standards and product certification schemes have to be developed further.

**Donald Leeper** from CIBSE, UK informed the audience about the efficiency of buildings which is not necessarily as good as predicted at the design stage. That gap is not due to a single failure, but a sum of several minor issues: lack of feedback to the designer, lack of proper commissioning, lack of proper information to the users. The conference ended with **Frank Hovorka** from the Caisse des Dépôts, France gave examples how energy efficiency of buildings can be improved in existing buildings in real practice. The key issue is to convince the building owner, and this can be done only through systematic, reliable and understandable data.

## REHVA and FINVAC seminar at FinnBuild 2012

In the Helsinki Exhibition & Convention Centre, FINVAC and REHVA hosted a seminar on October 11<sup>th</sup>, 2012. The topic of the seminar was **Implementation EU energy efficiency policy** in Finland.

The seminar consisted of four international presentations in English and four domestic presentations held in Finnish. The opening presentation, held by Ismo Grönroos-Saikkala from DG Energy, was a good summary of the current hot topics in EU legislation in the field of Energy and Environment: EPBD, Ecodesign and EED. The seminar presentations can be downloaded at REHVA [website](#) or FINVAC [website](#)

## REHVA Seminar in China

As a result from the MoU signed last year between CCHVAC and REHVA, REHVA hosted a Seminar in YANTAI Exhibition Center, Shandong Province, China on the 25<sup>th</sup> October 2012. The topics of this Seminar included a summary of European policy, objectives and regulations for low energy buildings, Reference Buildings, Heat Recovery from the ventilation air, Combined heat pump with thermo syphon and refrigerant injection, Total energy use in buildings in Europe and Standardized Design Software development of Solar Energy Systems for Heating Rural Buildings in China.

The seminar was attended by about 100 Chinese experts, and was a parallel session in CCHVAC's 18<sup>th</sup> national conference and the first international session in the history of CCHVAC Conferences, held first in 1978. China is very well advanced in ground source heat pump and solar heating technologies, while modern ventilation and heat recovery systems are still rare and practically unknown in residential buildings.

In connection with the seminar, CCHVAC and REHVA representatives had negotiations about further co-operation, including possible workshop or session in CLIMA 2013.

## Camfil received award from NOBELUX

Last 26 September 2012, the Camfil Farr Group, a very appreciated supporter of REHVA, was awarded by NOBELUX with the "General Sustainability award" for their outstanding environmental achievements. NOBELUX Chamber of Commerce is the Swedish Chamber of Commerce for Belgium and Luxembourg and also acting as a bilateral Chamber of Commerce between the Nordic Countries (Sweden, Finland, Denmark and Iceland), Belgium and Luxembourg. A professional jury was unanimous in their opinion: Camfil was the best in their category! REHVA congratulates Camfil with this price. [More information](#)



Jan Aufderheijde, Secretary General of REHVA and Myriam Tryjefaczka from Camfil



## REHVA's new Project Officer, Anita Derjanecz



Anita has a MSc in European studies with 10+ years experience in EU policies, development and funding, as well as project management and coordination. Before joining REHVA she worked for 3 years as regional representative in Brussels focusing on EU R&D and innovation as well as energy and climate change policies and also at a private company providing market intelligence and EU public affairs services in the refrigeration sector. She will take over the work of Alex Vanden Borre as Project Officer. Her main duties amongst others are to be responsible for REHVAs' existing and new EC-projects, to coordinate as Secretary the work within Standing Committees and to be one of the team players and general back up, within REHVA office. You can reach her at [ad@rehva.eu](mailto:ad@rehva.eu).

## REHVA European HVAC Journal

The **December issue** of the REHVA Journal (6/2012) will focus on Energy Efficient Renovation -The guest editors of this issue are Branko Todorovic and Marija Todorovic - [todorob@eunet.rs](mailto:todorob@eunet.rs), [deresmt@eunet.rs](mailto:deresmt@eunet.rs).

The **January issue** of the REHVA Journal (1/2013) will focus on Ventilation and building and duct air tightness - TightVent platform - The guest editor of this issue is Remi Carrié - [remi.carrie@inive.org](mailto:remi.carrie@inive.org).

The **March issue** of the REHVA Journal (2/2013) will focus on Air Conditioning - The editor of this issue is Olli Seppänen - [oseppanen@rehva.eu](mailto:oseppanen@rehva.eu).

## EU-regulations

See also the [EU regulations section](#) of the REHVA website

### *Ecodesign - new progress in regulations*

The project "ENTR Lot 6 - Air Conditioning and Ventilation Systems" closed in July 2012.

The "Document" page of the project, <http://www.ecohvac.eu/documents.htm> now contains links to the complete final outcome: executive summaries and reports from tasks 1 to 7 of both "Ventilation" and "Air conditioning" parts of the study.

**Ecodesign - Lot 20 and 21 for heating products** final reports are now available at <http://www.ecoheater.org/lot20/documents.php> for local heating (Lot 20), and for central heating products (Lot 21) at: <http://www.ecoheater.org/lot21/documents.php>

Consultation Forum meetings have been planned for autumn 2012 relating to the development or revision of Ecodesign Regulations, including **Local room heating systems** (ENER Lot 20 - held on 20 September 2012), **Central ventilation** (ENTR Lot 6 / ventilation + ENER Lot 10 / residential ventilation - to be held on 6 November 2012) and, still subject to progress in the development of the measurement method, **Central air heating and central cooling products** (ENER Lot 21 and ENTR Lot 6 / air conditioning - planned to be held in December 2012)

Regulatory committee meeting with vote, for Heaters and water heaters (ENER Lot 1 and 2), was scheduled for 14 September 2012 but postponed.

For Ventilation units, a Working Document containing a draft regulation of ecodesign and labeling, has been sent to the Member States, to be discussed at the coming Consultation Forum. Comments on this document can still be sent until one month after the Consultation Forum, in practice by the end of November 2012. One key issue there is that the borderline between "residential ventilation units" and "non-residential ventilation units" has now been defined using the 125 W power input for one fan to determine the category. So, units with fans of power input less than 125 W are regarded as "residential", and larger ones as "non-residential", the latter thus including units used in central ventilation of multistory residential buildings. The proposed regulation also gives the manufacturer to decide the category of the unit independently of the size, so that a range of identical units but of sizes "on both sides", can avoid duplicated product testing. This borderline, as well as the whole document, is still subject to change. Labelling requirements are prepared for "residential ventilation" only, labeling is primarily for consumer products, and "non-residential ventilation units" are, according to the introductory text, purchased by professional buyers and thus not regarded as consumer products.

## Upcoming events

### 7th International HVAC Cold Climate Conference

12-14 November 2012, Calgary, Canada  
For more information please visit the conference [website](#).

### EME<sup>3</sup>- 1st World Meeting on Energy Efficiency in Buildings

21-23 November 2012, Madrid, Spain  
For more information, please visit the [website](#)

### 43th International Congress of Heating, Air Conditioning and Refrigeration

5-7 December 2012, Belgrade, Serbia  
For more information, please visit the [website](#)

### ASHRAE 2013 Winter Conference

26-30 January 2013, Dallas, Texas, USA  
[More info](#)

### AHR Expo 2012

28-30 January 2013, Dallas, Texas, USA

Find It All At The World's Largest HVACR Event  
For just three days test-drive the latest energy efficient and sustainable HVACR technology all under one roof, all at one time. More info: [www.ahrexpo.com](http://www.ahrexpo.com)

### Aqua - Therm Moscow

5-8 February 2013, Moscow, Russia

The leading event in Russia in the industry of heating, water supply, sanitary technologies, air-conditioning, ventilation and the equipment for pools, saunas and spa.

For more information please visit the [website](#)



### ACREX 2013

7-9 March 2013, Mumbai, India

REHVA will organise several workshops at this event. A special issue of the REHVA journal will also be distributed in collaboration with ISHRAE. [www.acrex.org.in](http://www.acrex.org.in)

For sponsoring contact: [cd@rehva.eu](mailto:cd@rehva.eu)



### ISH China & CIHE 2013

8-10 April 2013, Beijing, China

The leading fair for the HVAC and sanitation industries in Asia. The exhibition, organised by Messe Frankfurt (Shanghai) Co Ltd and Beijing B&D Tiger Exhibition Co Ltd, is anticipating an even higher number of exhibitors and visitors than the 2012 edition.

For more information, please visit the [website](#).

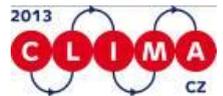


### CLIMA 2013

16-19 June 2013, Prague, Czech Republic

The 11<sup>th</sup> 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". Please visit [www.clima2013.org](http://www.clima2013.org)

For workshops contact: [cd@rehva.eu](mailto:cd@rehva.eu)



### CLIMAMED - Mediterranean Congress of Air Conditioning

3-4 October 2013, Istanbul, Turkey

For more information, please visit the [website](#)

For more HVAC events, please check the REHVA Events Calendar on [www.rehva.eu](http://www.rehva.eu) and also [www.buildup.eu](http://www.buildup.eu)

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