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Register to the REHVA Supporters' Seminar

The registration to the REHVA Supporters' Seminar closes on 26 September 2014. The topic, this year, is EU Policy and regulations - Status of the revision of CEN EPB standards providing updates about the revision of the Ecodesign and EPBD Directives as well as an overview about the EPBD related standardisation.

The seminar gives the participants the opportunity to meet high level EC speakers and discuss with experts about the development and implementation of EPBD standards.

Final programme of the seminar:

Date: Monday, 6 October 2014 - 13.30-17.00

Venue: Maison des Associations Internationales, Rue Washington 40, 1050 Brussels

Meeting room: Washington (ground floor)

Chairs: Jarek Kurnitski, REHVA Vice-President

Ioan Silviu Dobosi, REHVA Vice-President

Welcome

Karel Kabele, REHVA President

Section 1: EU policy and regulation

- **Ecodesign updates, EPBD revision, 2030 Energy framework**
Paul Hodson, Head of Unit, European Commission - DG Energy
- **European Heat pump performance certification**
Erick Melquiond, Eurovent Certita Certification
- **Supporting the implementation of EPBD standards**
Jaap Hogeling, ISSO, Chair CENTC 371 Program Committee, REHVA ERC chair
- **Horizon 2020 and Structural Funds**
Bogdan Rogin, Policy Advisor, European Parliament

Section 2: Status of the revision of CEN standards

- **Overarching standard 15603**
Jaap Hogeling, ISSO, Chair CENTC 371 Program Committee on EPBD
- **Indoor climate input data 15251**
Bjarne W. Olesen, DTU, Chair CENTC 156 WG19
- **Ventilation and air conditioning for non-residential buildings 13779**
Claus Händel, EVIA
- **AC and ventilation inspections**
Jorma Railio, REHVA TRC Chair

The second generation of "CEN EPB" Standards are approaching CEN Enquiry

The Energy Performance of Buildings Directive (EPBD) refers to European standards to be taken into account in the calculation of the energy performance of buildings and systems. The EU puts strong efforts on the development of European standards, which can enable the harmonization of diverse methodologies and measures for increasing buildings energy efficiency in the EU member states.

The second generation of CEN EPB standards will be launched from 2015. The revision work of the existing standards (more than 40 standards altogether) started in summer 2013, and has included major changes, a few new standards have been added, a couple of standard have merged, a couple have been split into two or more.

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All standards have changed in their structure: only normative issues will be included in the Standards (EN), and informative issues are put in the Technical Reports (TR). According to the most recent news from CEN, the public CEN Enquiry for the draft Standards is expected to start in September-October 2014.

REHVA has started actions to prepare our profession's views on CEN EPB standards. REHVA has an official liaison status in three CEN Technical Committees (TC's 156, 228 and 371), and in several Working Groups (WG's) under these committees. The REHVA Supporters' Seminar, to be held on 6 October 2014 in Brussels, will include several presentations on the revision CEN-EPB standards.

REHVA, as liaison organisation, is allowed to share the working documents within its network under a non-disclosure agreement. In this direction REHVA has created an intranet section in the REHVA website to share with its Member Associations and Supporter Companies the latest drafts of the EPBD technical standards (EN) and technical reports (TR) currently under revision i.e.

In order to get access to the REHVA intranet section for EPBD standards - revision 2013-2015 please send your request by clicking on this automatic e-mail link [I want to be granted access to the REHVA intranet section for EPBD standards](#). A confirmation e-mail and step by step login instructions will be sent to you within 2 working days. [More information](#)

EUSEW 2014 report

The EU Sustainable Energy Week (EUSEW) took place in Brussels and across Europe on 23 to 27 June 2014. Every year EU Sustainable Energy Week (EUSEW) gathers hundreds of organisations and individuals. Through bottom-up efforts, organisers of EUSEW Energy Days, events and activities connect directly with citizens and energy stakeholders at the local, regional and national levels. The combined results of EUSEW efforts are helping Europe reach its energy goals. REHVA participated in the EUSEW in Brussels and prepared a report of this event. The report is available on this [page](#).

New REHVA responsive website

REHVA has launched a new redesign responsive website. The new website provides an optimal viewing experience. The navigation is now easier with a minimum resizing and scrolling across wide range of portable devices (iPAD, iPhone, Smartphone and Android Tablet). All the REHVA Guidebooks and reports are now available in a PDF format. Visit [REHVA's Guidebooks Shop](#) to purchase your eGuidebook on your portable devices!

REHVA European HVAC Journal

- The **September issue** (5/2014) is available online by clicking [here](#)
- The **November issue** (6/2014) will focus on Innovative HVAC solutions for high performance buildings. The editor of this issue is Stefano Corgnati (stefano.corgnati@polito.it)

To read all the REHVA Journals, please [visit](#) the REHVA Journal section in the REHVA website. [Register](#) online to get your free copy of the REHVA Journal!

Young Researchers' Conference and Award: Energy Efficiency and Biomass

[More information](#)

EU Policy News

New F-gas regulation from 2015

The European Union adopted the revised F-Gas regulation that, by 2030, will reduce fluorinated greenhouse gas (F-gas) emissions by 79% from today's levels. The new regulation was published on 20th May in the Official Journal of the European Union, entered into force on 9th June and will apply from 2015 onwards, replacing the older, ineffective version with new and ambitious measures:

- Limiting the total amount of the most important F-gases that can be sold in the EU from 2015 onwards and phasing them down in steps to one-fifth on today's values by 2030. This will be the main driver of the move towards more climate-friendly technologies;
- Banning the use of F-gases in many new types of equipment where less harmful alternatives are widely available, such as air-conditioning, commercial and industrial refrigeration or windows;
- Placing on the market bans on HFCs of certain products and equipment
- Ban on servicing and maintaining refrigeration equipment with HFCs with >2,500 Global Warming Potential (GWP) as of 2020 (the use of recycled and reclaimed gases will be allowed until 2030)
- Preventing F-gas emissions from existing equipment by requiring checks, proper servicing and recovery of the gases at the end of the equipment's life.

Read more details about the F-gas regulation in the latest [REHVA Journal](#).

The Commission announced unambitious and non-binding 30% energy savings target for 2030. More information at rehva.eu

EU Project News

iSERV final report published

The iSERVcmb project was closed in April this year and now the final “Public Report” was launched. The report provides an excellent overview about the work done in the last 3 year summarizing the key outcomes and future exploitation of the project results. Some highlights from the report:

iSERVcmb has produced a unique set of insights and findings into the power demands and energy consumption of HVAC systems and components in operational buildings in EU Member States, along with insights into how to reduce this energy consumption.

The project recruited 330 buildings, comprising 2,831 HVAC systems, 7,685 HVAC components, 2,230 Meters, 11,173 Spaces, 72 Activity types and 1,551,638 m2 of floor area, from 20 EU Member States during the 2011 to 2014 project period.

Applying the iSERVcmb process to these operational buildings helped achieve savings of up to 33% in a building's total electrical energy use - often for little capital outlay. Across all the buildings on the iSERVcmb database, the actual or projected annual energy savings were around 9% on average.

In systems with more than a year's data in the system an average annual saving of 18% of the electricity use were achieved.

Measured ranges of energy consumption and power demands by HVAC component and end use activity have been published by the project based on which Power Demand benchmarks were identified, which are needed for immediate diagnostic work in operational systems.

The iSERVcmb process and procedures can be applied across all EU Member States without any regional amendments, though the Benchmarks used will need some regional amendments depending on the utility type, service and component.

The REHVA Inspection TF will work together with project coordinator Ian Knight on the integration of iSERVcmb results in the upcoming REHVA Guidebook on AC Inspection.

Download [“The inspection of building services through continuous monitoring and benchmarking -the iSERVcmb project”](#) report. For more details visit the [iSERVcmb website](#)

International events and fairs

FinnBuild - a showcase for the Finnish construction industry

The Finland's largest building and building services trade fair, FinnBuild 2014, will be held at Messukeskus Helsinki, Expo & Convention Centre, on 1-3 October 2014. FinnBuild presents the best expertise, products, services and solutions for construction. REHVA will organize with FINVAC a seminar on Thursday on 2 October on "HVAC equipment and systems in nearly zero energy buildings" - 13.00-16.30. The seminar is free to all visitors. The speakers are prominent European and Finnish experts. [More information](#)



Chillventa - the Exhibition for Energy Efficiency, Heat Pumps and Refrigeration

Trends & Innovations from the Refrigeration and Air Conditioning Sector in Nuremberg from 14-16 October 2014. Whether heat exchangers, control & instrumentation or evaporators, the industry, wholesale trade, professional associations and research meet at Chillventa to discuss the most important questions on refrigeration, air conditioning, ventilation and heat pumps. Be there and meet the experts at this leading exhibition: Chillventa opens its doors in Nuremberg, Germany from 14-16 October 2014. [More information](#)



The 13th SCANVAC Conference RoomVent 2014 will be held in Sao Paulo, Brazil, on October 19-22, 2014. The main theme of the next RoomVent is new ventilation strategies with base in active and passive technology in building and for comfort in airplane.

Registration is now open. [More information](#)



World Sustainable Energy Days

The World Sustainable Energy Days are one of the largest annual conferences in this field in Europe, offering a unique combination of events on sustainable energy. This conference 2015 will take place from 25-27 February 2015 in Wels/Austria. For more than 20 years, experts from all over the world have gathered in Upper Austria to attend the conference. The conference makes an important contribution to awareness raising about renewable energy and energy efficiency. [More information](#)

Upcoming other events

CCHVAC 2014 conference

29-31 October, 2014

Tianjin, China

e-nova 2014 congress

13-14 November 2014

Pinkafeld, Austria

[More information](#)

45th HVAC&R International Congress

3-5 December 2014

Belgrade, Serbia

[More information](#)

2015 AHR Expo

26-28 January 2015

Chicago, Illinois, USA

[More information](#)



AQUATHERM Moscow

3-6 February 2015

Moscow, Russia

[More information](#)

AQUATHERM Novosibirsk

17-19 February 2015

Novosibirsk, Russia

[More information](#)

ACREX 2015

26-28 February 2015

Biec, Bangalore, India

[More information](#)

Advanced HVAC & Natural Gas Technology

6-8 May 2015

Riga, Latvia

[More information](#)



COLD CLIMATE 2015

20-23 October 2015

Dalian, China

[More information](#)

VENTILATION 2015

26-28 October 2015

Shanghai, China

[More information](#)

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

