



# REHVA BULLETIN

## for our Supporters

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### REHVA Annual Conference

The 2015 REHVA Annual Conference was organised in Riga, Latvia on 8-9 May 2015 in cooperation with AHGWTEL, the Association of Heat, Gas and Water Technology Engineers of Latvia. The main topic of the Conference was "Advanced HVAC and Natural Gas Technologies". This event brought together leading experts from the international heating, ventilation and air conditioning community. The Conference in Riga gathered 150 people from 22 countries to discuss HVAC novelties, standards and researches.

The presentations are available [online](#).

### EUSEW – Policy conference workshop

REHVA was invited by DG Energy to organise a High Level Policy Conference Workshop during EU Sustainable Energy Week 2015 on 17 June in Brussels. REHVA was represented by Frank Hovorka, Jan Aufderheijde and Jaap Hogeling. The successful event, organised in cooperation with EVIA, EHPA and EPEE, was followed by a lively networking cocktail attended by high level DG Energy officials and EU level stakeholder organisations beside the event participants. The presentations of the workshop are available [online](#).



### REHVA-EVIA position paper released for the EPBD review

Europe needs smart regulation for energy efficient and healthy buildings. REHVA and EVIA published a position paper at EUSEW 2015 about the inclusion of IEQ and minimum ventilation requirements in EPBD. Please read the full position paper [online](#).

### REHVA European HVAC Journal issues

- The abstracts of the **May issue** of the REHVA Journal (3/2015) is available online by clicking [here](#).
- The **August issue** (4/2015) will focus on Air Conditioning Systems. The Editor-in-Chief of this issue is Jaap Hogeling ([jh@rehva.eu](mailto:jh@rehva.eu)).
- The **October issue** (5/2015) will focus on Indoor Air Quality. The Editor-in-Chief of this issue is Jaap Hogeling ([jh@rehva.eu](mailto:jh@rehva.eu)).
- The **December issue** of the REHVA Journal (6/2015) will focus on Energy Efficient Renovations. The Guest editor of this issue is Stefano P. Corgnati ([stefano.corgnati@polito.it](mailto:stefano.corgnati@polito.it)).

### Subscribe to REHVA'S restricted area

As of January 2015, there is a new private area in the website. REHVA has decided to develop this section progressively. On the first phase, the REHVA Journal has been made available to download and read online. All the issues (full articles) are now available in this private section. REHVA is now ready to add new services in this section. **These new services are now added in the restricted private area!** For more information, please click [here](#). Access to the restricted area for our supporters is **30€ per year**.

#### INSIDE THIS ISSUE

- 1** REHVA Annual Conference
- 2** EUSEW – Policy conference workshop
- 3** REHVA-EVIA position paper released for the EPBD review
- 4** REHVA European HVAC Journal issues
- 5** Subscribe to REHVA'S restricted area
- 6** EU Policy News
- 7** EU Project News
- 8** International events
- 9** Upcoming other events

## EU Policy News

### EPBD standards - what's going on after the enquiry?

Public enquiry for the majority of the standards is now over, with a few exceptions.

The overarching standard prEN 15603, disapproved at the formal vote in late 2014, is now under major revision. A new draft is ready, parallel ISO and CEN enquiry is expected to start in September 2015 and formal vote in 2016, in order to have the new EN 15603 (renamed as EN-ISO 52000-1) published in 2016. One main challenge is the clarification of the key definitions. The overarching standard will not give any requirements beyond the scope of the EPBD.

The results of ten draft standards under CEN/TC 228 are now available. Eight drafts are approved and two drafts have been disapproved. The draft standards considered not to be acceptable were Space emission systems (prEN 15316-2) and Heat pump systems (prEN 15316-4-2). At the CENTC228WG4 meeting in June the objections have been resolved.

The following standards, and the related Technical Reports, from CEN/TC 156 have been selected as pilots by REHVA:

- Indoor climate input data (revision of EN15251) (prEN 16798-1 and prCEN/TR 16798-2). The CEN enquiry started in late May and will close on 20 September 2015.
- Ventilation and air conditioning for non-residential buildings (revision of EN 13779) (prEN16798-3 and prCEN/TR 16798-4).
- AC and ventilation inspections (revision of EN 15240 and EN 15239) (prEN16798-17 and prCEN/TR 16798-18).

On prEN 16798-1, REHVA members and supporters can now give their comments directly to REHVA office, but also on national level, by attending relevant national committees or using public national commentary on internet. The new draft prEN 16798-1 is much shorter than the current EN 15251 from 2007. Also, the Annexes are much shorter than before. Detailed material, and long tables are in the Technical Report prCEN/TR 16798-2. It should be noted that the values presented in the standard are not based on the health of the occupants but on subjective evaluation of the indoor environment. As such they should not be used as a basis of health based ventilation building codes.

Concerning the two other standards, the outcome of the enquiry was mostly positive, but also major comments were given by several CEN members, especially on prEN 16798-3. Many comments received at the enquiry also pointed out the need for better consistency between the individual standards. This has been noted among the WG's, at least within TC 156.

The post-enquiry work has started in the relevant Working Groups. CEN/TC 156/WG23 has proceeded in revision of prEN 16798-17 so that a proposal for final draft will be discussed in the WG already in July 2015. The comments received were only some 60, mainly editorial and minor technical comments, so a quick revision has been possible. Concerning prEN 16798-3, the situation is much more challenging. The number of received comments was nearly 800. Consistency of definition, flexibility of Annexes, technical issues like the Specific Fan Power of systems, air filtration and heat recovery are among the most commented issues to be resolved.

*A more extensive summary of the current status of EPB standards revision will be published in the next issue of REHVA Journal.*

**Šefčovič: More enforcement, stricter rules to come on energy efficiency**

Stricter EU energy efficiency and performance laws will be rolled out by the European Commission next year and enforcement of existing regulation will be further stepped up, the bloc's energy chief told EurActiv on the EU's energy Independence Day, 18 June. [More information](#)

**Ecodesign regulation of air heating products, cooling products and high temperature chillers under inter-service consultation**

The [Working Documents](#) were released to Inter-Service Consultation that will last until 15 June 2015. The draft regulations are expected to be voted in September 2015 and will enter into force according to the draft regulation on 1 January 2017 for the 1st tier and 1 January 2020 for the 2nd tier. [Read more](#)

**Guidelines on self-regulation measures under the Ecodesign Directive**

The Article 17 of the Ecodesign Directive (2009/125/EC) sets out the provision for voluntary agreements and self-regulation measures. On 27 May 2015, the Commission released [Guidelines](#) on self-regulation measures concluded by industry under the Ecodesign Directive 2009/125/EC. All future ecodesign self-regulation measures should be drafted in line with these Guidelines and all existing ecodesign self-regulation measures should be aligned with the Guidelines as soon as possible, at the latest by the next revision of the self-regulation measure. The guidelines are not legally binding. [Read more](#)

**Public Consultation on the evaluation of EPBD launched**

The European Commission launched public consultation on the EPBD to consult stakeholders on the review of the Energy Performance of Buildings Directive and evaluate whether the directive has met its aims. The public consultation launches the review into the directive, which is due by 1 January 2017 as required under Article 19 of the directive. The consultation is open from 30 June 2015 till 31 October 2015. You can submit your contribution online [here](#).

## EU Project News

neZEH at CLIMAMED 2015, 10-11 September, Juan-les-Pins, France



REHVA will organise a workshop around the neZEH project during CLIMAMED 2015 on 10-11 September in Juan-les-Pins, France. The workshop ***High energy performance hotels on track to nearly zero energy buildings*** co-chaired by Stefano P. Corgnati, REHVA President-elect and by Teocharis Tsoutsos, neZEH Project Coordinator will present pilot cases and key result of the European project “Nearly Zero Energy Hotels (neZEH)”.

## International events



ISH Shanghai & CIHE is held in conjunction with Shanghai Intelligent Building Technology Fair, Building Solar China Conference and Exhibition, and the inaugural edition of Shanghai International Lighting Fair. Better known as the “Intelligent Green Building - IGB” exhibition platform, the four collective events welcomed over 40,000 visitors, more than 600 exhibitors and covered 40,000 sqm exhibition space in the 2014 edition. It provided participating exhibitors and visitors a prime opportunity to explore four of the most important areas in building development at one central location. More information at [www.ishc-cihe.com](http://www.ishc-cihe.com).



### CLIMAMED - 10-11 September 2015, Juan-les-Pins, France

AICVF, the French Association of Engineers in Climate, Ventilation and Refrigeration organises jointly with AICARR (Italy), APIRAC (Portugal), ATECYR (Spain) and TTMD (Turkey) its 8th Mediterranean Congress CLIMAMED with the main scope: SUSTAINABLE ENERGY PERFORMANCE OF BUILDINGS. [More information](#) is available at the conference website.

### CLIMA 2016 - 22-25 May in Aalborg, Denmark - More information at [www.clima2016.org](http://www.clima2016.org)

The 12th REHVA Congress will focus on building and HVAC system performance in practice:

- In relation to fulfilment of the intended design,
- In relation to their ability to fulfil the needs of the occupants,
- In relation to their interaction with the users in daily practice
- In relation to their role in the future
- e smart energy system

**Important Dates:** Abstract submission opened in January 2015, Deadline abstract submission in November 2015

## Upcoming other events

### ICR 2015

16-22 August 2015

Yokohama, Japan

[More information](#)

### FOR THERM

15-19 September 2015

Prague, Czech Republic

[More information](#)

### COLD CLIMATE 2015

20-23 October 2015

Dalian, China

[More information](#)

### VENTILATION 2015

26-28 October 2015

Shanghai, China

[More information](#)

### 46th International HVAC&R Congress and Exhibition

2-4 December 2015

Belgrade, Serbia

[More information](#)

### AQUATHERM Moscow

2-5 February 2016

Moscow, Russia

[More information](#)

### AQUATHERM Novosibirsk

24-26 February 2016

Novosibirsk, Russia

[More information](#)

### World Sustainable Energy Days

24-26 February 2016

Wels, Austria

[More information](#)

### AQUATHERM St-Petersburg

20-22 April 2016

St-Petersburg, Russia

[More information](#)

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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