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Editorial board: Jorma Railio, Ioan Silviu Dobosi, Frank Hovorka, Olli Seppänen

REHVA 2014 Annual Meeting

The 58th REHVA General Assembly was held on Tuesday 29 April 2014 in Düsseldorf, Germany. It gathered nearly 82 participants from 25 European countries. After a welcoming address by the host, VDI Director, Ralph Appel from Germany, Prof Karel Kabele opened the 58th REHVA General Assembly.

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At the end of the General Assembly was the change in the REHVA Board. Two seats were available this year. The treasurer, Zoltan Magyar came at the end of his term. Prof. Kabele and the General Assembly warmly thanked Prof. Magyar for his contribution to REHVA's development during the past nine years. Prof. Stefano P. Corgnati from AiCARR (Italy) was unanimously reelected. Egils Dzelzitis from AHGWTEL/LATVAC (Latvia) was also unanimously elected. The meeting ended with the introduction of the newest REHVA Member, the Moldavian Association of Heating, Ventilation and Air-conditioning engineers, AIIRM.

The new REHVA Board now consists of President: Karel Kabele (STP, Czech Republic) and Vice-Presidents: Stefano P. Corgnati (AiCARR, Italy) [new Treasurer, as decided in the board on 30th of April], Ioan Silviu Dobosi (AIIR, Romania), Manuel Gameiro da Silva (Ordem dos Engenheiros, Portugal), Frank Hovorka (AICVF, France), Jarek Kurnitski (EKVU, Estonia), Egils Dzelzitis (AHGWTEL/LATVAC, Latvia) and Jan Aufderheijde as Secretary General.

REHVA European HVAC Journal

- The **April issue** of the REHVA Journal (3/2014) will focus on nZEB
- The **June issue** (4/2014) will focus on IAQ and ventilation.
The editor of this issue is Olli Seppänen (oseppanen@rehva.eu)
- The **September issue** (5/2014) will focus on Heat Pumps and renovations.
The editor of this issue is Olli Seppänen (oseppanen@rehva.eu)

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!

REHVA – ASHRAE signed publishing agreement on Chilled Beams guideline

REHVA and ASHRAE underlined their good relation in general, and a practical outcome of this relation is the work both organizations did cooperatively in writing a guideline on Chilled Beams and agreed upon how to produce and publish. Foreseen is that this guideline will be available for selling in fall. Of course, we will inform you more about the details as soon as possible.



REHVA TRC and TASK FORCES, highlights

Several technical meetings were held during REHVA Annual Meeting in Dusseldorf.

Technology and Research Committee (TRC): The Chair (Jorma Railio, Finland) and two co-chairs (Jarek Kurnitski, Estonia and Livio Mazzarella, Italy) were re-elected for the two-year period from GA 2014 to GA 2016. There are currently 23 core members and over 20 corresponding members in the TRC.

The TRC meeting in Dusseldorf was attended by altogether 36 participants. At this meeting, most of the time was taken by two main agenda items:

Standardization. As informed in the previous Bulletin, REHVA has nominated liaisons also to a few important Working Groups (WG's) under three CEN Technical Committees. All these WG's deal with revision of European Standards supporting the implementation of the EPBD. This revision work has reached perhaps the most important phase from REHVA's point of view. While the "Overarching Standard" EN 15603rev is already approaching the Formal Vote stage, all other revisions are being finalized for the CEN Enquiry, foreseen to start soon after summer holidays this year. The TRC meeting identified a huge need of dissemination and supporting activities, to be targeted to HVAC practitioners, how to apply the package of some 50 standards and another 50 technical reports in real practice. A group of experts was nominated to prepare a REHVA Task Force within this subject.

Task Forces (TF's). Currently 14 active task forces are preparing REHVA Guidebooks, REHVA Technical reports, position papers and other material to serve the HVAC community, and also to disseminate and promote European professional knowledge outside Europe. In addition to the Task Force reports and discussion at the TRC meeting, it is worth mentioning that four TF's arranged meetings or workshops in Dusseldorf, all these were successful and stimulating an increase in TF activity, with also new aspects and new contacts. These TF's deal with **heat pump applications, special requirements of cold climate when implementing EU regulations towards low and zero energy buildings, commissioning process in new and existing buildings, and nZEB technologies and nearby renewable energy production.** It was also found necessary to reactivate the TF dealing with inspections of ventilation and air-conditioning systems, to work in close collaboration with the "Commissioning" Task Force.

In addition, the contents of the next REHVA seminar, to be held in Brussels in connection with next REHVA Committee meetings on 6 October 2014, were discussed. REHVA Supporters will be one of the main target groups at the seminar. The focus will be in European legislation and standardization, mainly to inform about what will be foreseen during the next few years and how stakeholder should prepare themselves to the expected changes, and also what opportunities exist for REHVA and Supporters.

EU Project News

iSERV results and further exploitation were discussed at REHVA Annual Meeting 2014.

Close to the project end, iSERVcmb was presented to REHVA Members and Supporters during the REHVA Annual Meeting and Conference. Project coordinator, Ian Knight, presented some final results of the H.E.R.O monitoring and benchmarking tool, including HVAC system benchmarks from different EU countries. EU benchmarks were also published in a [paper on Power Demands of Heating, Ventilating and Air Conditioning components in EU Buildings by Ian Knight in the latest REHVA Journal](#) issue disseminated also during the conference.

The advantages and possible further use of the developed monitoring tool were also discussed in the Task Force Workshop "Ventilation and AC inspections in Cold Climate countries" organized during the Annual Meeting. The presentation of experts from Nordic countries showed that there is a clear need for further practical guidance for member states including the ones considered as more advanced in this field, which have already implemented EPBD regulation on the monitoring of AC systems. In the following REHVA Technical Research Committee, it was agreed that the REHVA AC Inspection Task Force will include instructions and guidance about the monitoring of AC system based on iSERV in its upcoming AC inspections Guidebook.





First outcomes of the NEZEH project presented at the REHVA Annual Conference

First outcomes of the Nearly Zero Energy Hotels Project were presented by REHVA vice-president Stefano P. Corgnati in the REHVA Annual Conference on 30 April 2014 in Düsseldorf. REHVA was in charge for defining initial criteria of an nZEB hotel, taking into account both the EU regulation on NZEB and the special features and needs of hotel buildings and the hospitality sector. Based on these requirements hotels are selected in each partner country to become pilot case of the project and so refurbishment plans and feasibility studies of each selected hotel will be developed by end of the project. Stefano P. Corgnati presented also an existing NZEB hotel example, Stadthalle Boutique Hotel Vienna, which is the first net zero energy hotel in Europe. The case study was also [published in the latest REHVA Journal](#) issue disseminated at the Conference.

You can find more information about the NEZEH project in the [project website](#).

EU Policy News

European Parliament stands strong on Energy Efficiency: Over 100 MEPs pledge to STOP Energy Waste in Buildings in their 2014-2019 mandate

The Renovate Europe Manifesto for the 2014 Elections has received over 100 signatures from sitting and candidate MEPs, who have pledged to keep Energy Efficiency in Buildings high on the political agenda if re-elected in the next legislative term. Among these signatures are MEPs from 19 different European countries, from all 5 main European political parties as well as 5 EP Vice-Presidents. The Renovate Europe Manifesto urges MEPs to undertake the following actions if elected for the next mandate:

- Urge their National government to implement an ambitious national renovation strategy
- Hold the relevant commissioners and commission service to account on the importance of taking action for Buildings renovation.
- Establish continuous dialogue with and support for local authorities in their efforts to Renovate the EU building stock
- Recall that Energy Efficiency buildings renovation requires high prioritisation at political and legislative levels
- Help to disseminate success stories about ambitious Energy renovations

Find out which MEPs signed the Manifesto: <http://www.renovate-europe.eu/manifesto>

Source: *Renovate-Europe*

International conferences

ROOMVENT 2014: NEARLY 200 ABSTRACTS submitted

The 13th SCANVAC international conference on air distribution in rooms will be held in Sao Paulo, Brazil, on 19-22 October 2014.

Until 15th of April, 190 abstracts have been submitted. The deadline for abstracts has been extended, so now the new and final deadline is **10 May 2014**.

Approximately one third of all abstracts submitted by mid-April deal with the “Indoor Air Quality and Human Comfort” theme. Other popular themes are “Innovative Strategies and components for ventilation and air conditioning” with approximately 20% of the abstracts submitted, and “Ventilation and Air Conditioning in green buildings”.

Registration of the participants will open on 1st of June 2014. Practical information about registration, conference fees, hotel accommodation etc. can be found on the ROOMVENT website at <http://www.roomvent2014.com.br/>



COLD CLIMATE 2015, DALIAN, CHINA 20-23 October 2015

The 9th SCANVAC Conference “Cold Climate” will be held in Dalian, situated just at the border of “Cold” and “Severe Cold” climatic zones in China. The main theme of the Conference is Sustainable buildings and energy utilization in cold climate zone, and topics include: Sustainable buildings and energy savings, Zero energy buildings, Heating technology and policy, Usage of renewable energy, Ventilation and heat recovery, Heat pump technology, Building simulation and Building energy savings in rural areas.

Deadline for Abstracts: 15 January 2015.

See <http://www.coldclimate2015.org> for more information.

VENTILATION 2015, SHANGHAI 26-28 October 2015

Just a few days after the Cold Climate 2015 in Dalian, the 11th International Conference of Industrial Ventilation will be held in Shanghai, China. The four main themes of the conference are: Occupational health, Ventilation and sustainable development, Specialized applications and Clean air technology, design and control.

Deadline for Abstracts: 20 December 2014.

See <http://www.ventilation2015.org/> for more information

The websites of Cold Climate and Ventilation will provide information to those who are interested to attend both events. Both Dalian and Shanghai are also famous tourist cities, the distance between these cities is 900 km, several direct flights (2 hours) and high speed trains (10,5 hours) operate daily.

Upcoming events

ISH China & CIHE

13 - 15 May 2014

Beijing, China

[More information](#)

**RoomVent 2014**

19-22 October, 2014

São Paulo, Brazil

[More information](#)

13th INTERNATIONAL CONFERENCE ON INDOOR AIR QUALITY AND CLIMATE

7-12 July 2014

University of Hong Kong

[More information](#)

**CCHVAC 2014 conference**

29-31 October, 2014

Tianjin, China

COLD CLIMATE 2015

20-23 October 2015

Dalian, China

[More information](#)

Chillventa 2014

14-16 October 2014

Nuremberg, Germany

[More information](#)

**FinnBUILD 2014**

1-3 October 2014

Helsinki, Finland

[More information](#)

VENTILATION 2015

Shanghai, China

26-28 October 2015

[More information](#)

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

* * * * * and also www.buildup.eu

REHVA



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