



REHVA BULLETIN

for our Supporters

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INSIDE THIS ISSUE

- 1** REHVA European HVAC Journal
- 2** REHVA Seminar @ ISH 2015
- 3** Sustainable Housing Platform
- 4** EU regulations and standards
- 5** EU Project News
- 6** International events
- 7** Upcoming other events

REHVA European HVAC Journal

We kindly remind you that REHVA decided to charge for a subscription to the REHVA journal and that the subscribers are offered two options:

1. Continue to receive the paper copy for the cost of **60€ per year for REHVA Members and Supporters** or **70€ per year for others** and read the eJournal online in the restricted area of the REHVA website.
2. Read the eJournal online in the restricted area of the REHVA website for a cost of **30€ for REHVA Members and Supporters** or **40€ per year for others**.

How to register for 2015:

1. Through the [REHVA Website](http://www.rehva.eu) : choose carefully between PDF (read the eJournal online) or Hard Copy (receive the paper copy and read the eJournal online) OR
2. Return the [subscription form](#) to REHVA office by mail, fax or email

The REHVA European HVAC Journal issues:

- The **March issue** (2/2015) is available online by clicking [here](#)
- The **May issue** (3/2015) will focus on Energy Efficient Heating. The Editor-in-Chief of this issue is Jaap Hogeling (jh@rehva.eu)
- The **August issue** (4/2015) will focus on Air Conditioning Systems. The Editor-in-Chief of this issue is Jaap Hogeling (jh@rehva.eu).

To read all the REHVA Journals, please [visit](#) the REHVA Journal section in the REHVA website.



REHVA Seminar @ ISH 2015

REHVA organised a seminar on "Hygienically sound operation of evaporative cooling systems" during the ISH exhibition in Frankfurt Germany on 11 March. The presentations are available [online](#).

Sustainable Housing Platform

The Dutch Sustainable Housing Platform (Platform Duurzame Huisvesting) originates from 2011, when eleven members of the platform signed the letter of intent. The members support the strategic goals of the platform, which are to stimulate sustainability in the housing chain by cooperation within the housing sector.

The platform members have signed to integrate sustainability within their own organisation, and to activate their network by developing tools such as the [Menu Performance Contracts](#) and the [GreenLease Menu](#). These tools support and activate sustainability in the housing chain. To achieve this goal, cooperation within the chain is crucial and is therefore one of the aims of the Platform. [More information](#)

EU regulations and standards

Ecodesign regulation for fans on review - Consultation Forum has been held, comments still possible on the proposed new Regulation:

The ecodesign requirements for fans are set out in Annex II, using definitions in Article 2 and Annex I. The requirements shall apply from 1 January 2020. The minimum requirements are expressed in a new way, taking into account the type and measurement category of the fan.

The minimum fan efficiency (η_{min}) values as a function of the electric power input P_e (in kW), efficiency grade N from the equations given in Annex II - per fan type (axial, mixed flow, centrifugal, cross flow), efficiency category (static, total) and measurement category (A, B, C or D) as appropriate. The calculation of the efficiency grade N for mixed flow fans involves also the fan flow angle α . For jet fans the jet-fan impeller efficiency shall be equal or above 0,50.

The product information requirements on fans and how they must be displayed are as set out in Annex III of the regulation.

CEN Enquiry of many CEN-EPB standards closed

A number of CEN-EPB draft standards have been on 5-months CEN public enquiry.

Concerning the overarching standard prEN 15603, REHVA liaison to CEN/TC 371/WG1, Jarek Kurnitski, reports as follows, "The overarching standard that was disapproved in the formal vote is now under major revision. Two meetings have been held in 2015. The standard has been under discussion also in ENER Working Group on usability of EPB standards as the commission is pushing the role of CEN standards to be a "Toolkit for Member States (MS)" but indeed there is no obligation to MS to use them and to be useful the overarching standard has a crucial role".

The results of ten draft standards under CEN/TC 228 are also available. Eight drafts are approved and two drafts have been disapproved. The standards disapproved were Space emission systems (prEN 15316-2) and Heat pump systems (prEN 15316-4-2). Voting results of the last 5 standards are not yet published. All 15 prEN standards and technical reports should be available on REHVA website.

For CEN/TC 156, one of the most interesting CEN-EPB standards, prEN 16798-1 dealing with criteria for the indoor environment, is still on its way towards CEN Enquiry. For all other drafts prepared by TC 156, the CEN enquiry closed on 27 May 2015. According to the first news from the responsible CEN WG's or national CEN members, the outcome of the enquiry indicates approval of all drafts - including prEN 16798-3 (revision of EN 13779) and prEN 16798-17 (inspection of air-conditioning and ventilation systems). But also lots of comments were given by a few CEN members, so the WG's in charge of preparation of the drafts will need some time for their post-enquiry homework.

Industry and contractors concerned about extension of Energy Labelling to B2B equipment

(from: Refrigeration and Air conditioning Magazine web news, 28 April 2015
European contractors and manufacturers have united against the proposed extension of European Union's Energy Labelling Directive.

In a position paper jointly signed by manufactures' association EPEE, contractors' associations AREA and AIE, and building engineering services association GCP Europe, together with installers of electrical, electro-technical and electronic systems, strong concerns have been expressed about the extension of the Energy Label to the area of business to business (B2B) equipment. According to the signatories, the Energy label is not the most appropriate tool for providing information to professional users and can be counter-productive.

B2B products are often tailor-made to satisfy the customers' individual and specific, different needs, and therefore the product performs differently in different installations.

EU Project News



Nearly Zero Energy Hotels Conference 2015, 24 June, Nice

neZEH organises a project conference in Nice on 25 June 2015 linked to the Innovative City Convention 2015 event. The whole-day conference targets representatives of the tourism sector, regional and local policy makers and other stakeholders involved in the sustainable tourism sector.

The conference will highlight case studies of high energy performing hotels and report about the first achievements concerning the neZEH pilot hotels. 14 pilot hotels were selected to receive technical assistance from the project to plan their deep energy retrofit investments.

More information and registration are available in the event [website](#).

PROF-TRAC project kicked-off in Brussels 23-24 March

REHVA members and other associations team up to develop a European Training and Qualification Platform on nZEB design and construction. The platform addresses technical experts, architects and facility managers represented by REHVA, the Architects' Council of Europe (ACE-CAE) and Housing Europe. PROF-TRAC will map the skill gaps of professionals needed for nZEB, train trainers from REHVA and ACE members to upgrade their national training programmes according to the PROF-TRAC scheme. The project will set up an online platform to exchange knowledge and provide a repository of training materials for the continuous professional development for the sector. 12 REHVA Member Associations are involved so far in the initiative as project partner or are interested to join the scheme at a later stage. The Platform will be open for every REHVA Member Associations to join. [Download the executive summary of PROF-TRAC](#) for more information.

International events

ISH China & CIHE

ISH China & CIHE is the leading fair for the HVAC and plumbing industries in Asia. The three-day event, which will take place from 13-15 May 2015 in Beijing/China, expects to welcome over 1 100 exhibitors and is estimated to cover more than 85,000 sqm of exhibition space across six halls with the latest innovations and practical solutions in HVAC and plumbing technology. A series of fringe programmes - including seminars, product showcases and networking events - will be held for exhibitors and visitors. The programmes allowed guests to exchange in-depth market intelligence with attendees and build strategic partnership with their peers. More information at www.ishc-cihe.com



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

In order to tackle the steadily increase of energy consumption the use of renewable energy is a must. Today, heating, ventilation and air conditioning are taking an important part of the total energy consumption of the buildings in our world. Harnessing renewable energy sources is crucial to limit the proliferation of greenhouse gas emissions.

To provide answers to these challenges, AICVF, the French Association of Engineers in Climate, Ventilation and Refrigeration organizes 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.

In addition to the presence of international speakers (engineers, architects, designers and manufacturers alike can share information and expertise), series of workshops will be organised, some of which specifically dedicated to aspects of the renovation of the existing financing and real estate. [More information](#) is available at the conference website.





CLIMA 2016 - 22-25 May in Aalborg, Denmark - More information at 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 smart energy system

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

Upcoming other events

Healthy Building 2015 Europe
6-9 May 2015
Eindhoven, The Netherlands
[More information](#)

ISH China & CIHE
13 - 15 May 2015
Beijing, China
[More information](#)



ICR 2015
16-22 August 2015
Yokohama, Japan
[More information](#)

FOR THERM
15-19 September 2015
Prague, Czech Republic
[More information](#)

ISH Shanghai & CIHE 2015
23-25 September 2015
Shanghai, China
[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



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