



NEWSLETTER Issue 6/2010 – December 2010

REHVA - Federation of European Heating, Ventilation & Air-conditioning Associations

REHVA Community News

Mrs Cynthia Despradel is **REHVA's new Publications & Promotion Officer**. She started to work at the Brussels office at the beginning of December. She will help with the promotion of REHVA. You can reach her through her email at: cd@revha.eu



REHVA Journal

The **December issue** of the REHVA Journal (6/2010) will focus on Energy refurbishments. It will be published and mailed to subscribers on December 20th and then displayed at www.rehvajournal.com.

The **January issue** of the REHVA Journal (1/2011) will focus on EU regulations and standards related to energy efficiency. It will be published and mailed to subscribers on January 20th and then displayed at www.rehvajournal.com

48th AICARR International Conference, September 22 -23, 2011, Baveno, Italy

Energy refurbishment of existing Buildings - Which solutions for an integrated System: Envelope, Plant, Control.

[Call for Papers](#) - Abstracts submittal deadline: March 1st – more info: www.aicarr.org

Upcoming HVAC Events

AHR EXPO, January 31 – February 2, 2011, Las Vegas, Nevada, Unites States. Visit the website for more information www.ahrexpo.com



China International Trade Fair for Sanitation, Heating & Air-conditioning
Beijing, China, March 03 – 05, 2011. More information: www.ish-china.com

ISH 2011, Frankfurt, Germany, 15 – 19 March, 2011

For more information: www.ish.messefrankfurt.com

REHVA seminar at ISH, Frankfurt, March 17, 2011

The topic of the seminar is HVAC for zero energy buildings. Come and share your experience and expectations with zero energy buildings.

Venue: Room "Esprit" ISH Exhibition, Hall 9, first floor and the Cosmopolitan Lounge

14.00

- Welcome - Prof Michael Schmidt - President-elect of REHVA, University of Stuttgart
- Energy boundaries and scientific definition of nZEB based on the results of REHVA Task - Dr Jarek Kurnitski, SITRA
- Indoor air quality and climate considerations in zero energy buildings

Tarja Takki, Director, Halton Group

15.30-15.45; Coffee break

- Half year experience from Daikin NZEB - *Ansgar Thiemann, Daikin Europe*
- Heating and cooling business challenges in nZEBs - *Ilari Aho, Uponor*
- Energy efficient ventilation with heat recovery - *Timo Schreck, Enventus*

17.00: Cocktail

EU Sustainable Energy Week, April 11-15, 2011

Wherever you are in Europe, you can now be part of the EUSEW 2011 by organising an Energy Day in your city, town or region between 11 and 15 April 2011 (including weekends before and after). Get more information and inspiration from our Energy Days 2011 flyer and register your interest on www.eusew.eu to stay tuned for updated information.



REHVA annual Conference, Tallinn, Estonia, May 19-20, 2011

REHVA annual conference will be hosted by the REHVA Estonian member EKVU. The conference will focus on Zero Energy Buildings and Eco-labelling of Buildings. See details at www.rehva.eu or www.ekvy.ee/rehvaam2011/. The days begin with the overview of the important EU regulations (see the tentative programme of the beginning of the first day below):

Thursday May 19: 08.30 – 10.00; Technical session 1, Legislation and EU policy

- Welcome - *Ms. Kristina Rebane, Climate and Energy Agency KENA, Estonia*
- Cost optimal policy for energy efficiency and nearly zero energy buildings in recast EPBD Directive - *Ms Michaela Holl, the European Commission, DG Energy*
- EU- regulations of HVAC equipment based on Eco-design directive
Mr Ismo Grönroos-Saikkala, the European Commission, DG Energy
- Regulated air-conditioning and ventilation products based on Eco-design directive
Mr Philippe Rivière, ARMINES, France

The 23rd IIR International Congress of Refrigeration, August 21-26, 2011, Prague, Czech Republic - More information: www.icr2011.org.

CLIMA 2013

The 11th 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". www.clima2013.org

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

European Commission News

Energy 2020 - A strategy for competitive, sustainable and secure energy

This Communication from the European Commission to the European Parliament, The European Council, The European Economic and Social Committee and the Committee of Regions defines the energy priorities for the next ten years and sets the actions to be taken in Europe in order to tackle the challenges of saving energy, achieving a market with competitive prizes and secure supplies, boosting technological ... [more](#)

IEE Info Day 2011, Brussels, January 18, 2011

Registrations are open! If you are considering submitting a project proposal next year, the IEE European Info Day will be the right place to start. Not only will this event provide you with the necessary guidance, insight and inspiration, but this date should coincide with the **publication of the 2011 call proposals** – another very good reason not to miss it!

Venue: Charlemagne Building, Rue de la Loi 170, 1049 Brussels, Belgium

Consult the event programme and register today to secure your seat:

http://ec.europa.eu/energy/intelligent/events/infodays_en.htm

Second mandate prepared to CEN for EPBD related standards

The first mandate to CEN to develop a set of CEN EPBD standards (M 343) resulted in the successful publication of all EPBD related CEN standards in 2007-2008.

The second mandate to CEN for the elaboration and adoption of standards for a methodology calculating the integrated energy performance of buildings in accordance with the terms set in the EPBD recast will lead to a second generation set of the CEN-EPBD standards. The second set will be more usable as direct reference in national legislation, lead to a high transparency in national choices and involve the Member States actively. It will be adapted to the needs for tools resulting from the requirements in the EPBD recast (2010/31/EU). The work will be coordinated by CEN TC 371 chaired by Mr. Jaap Hogeling from the Netherlands.

Ecodesign of Energy Related Products Directive – ERP Directive

by Jorma Railio, FAMBSI, Finland

The scope of Energy using product directive was expanded to all energy related products in 2009. The general background and basic ideas are well described at the [Ecodesign](#) website, and in the [BROCHURE](#) linked to the same website.

Most relevant product groups (LOTs)

[ENER LOT 1 Boilers \(including heat pumps\)](#). Study completed in 2008. Voting in Regulatory Committee is expected in January 2011. See www.ecoboiler.org for background and documents of the study.

[ENER LOT 2 Water Heaters](#). The study has been done much in parallel with ENTR LOT 1, and working documents for commission regulation were sent to Member States for comments in summer 2010. See <http://www.ecohotwater.org/> for background and documents of the study.

[ENER LOT 11 \(electrical motors, circulators, pumps and fans\)](#)

For circulators and motors, implementing measures have been published and regulations have entered into force. For fans (input power 125 W...500 kW) [the final report](#) was completed in 2008, and the final text of the implementing measures have been approved and expected to be published before the end of 2010.

[ENER LOT 15 Solid Fuel Small Combustion Installations](#) is actually the first study dealing with products which may work without electrical power. See www.ecosolidfuel.org for more.

[ENER LOT 20 Local room heating products](#) and [ENER LOT 21 Central heating products](#).

The DG ENER Lot 20 and 21 study have been on hold as the Commission is still reviewing the scope and definition (Task 1) of the study to ensure consistency across all heating, cooling and ventilation product categories. A new schedule for stakeholder meetings and project reports will be updated soon.

[ENTR LOT 1- Refrigerating and Freezing Equipment](#)

Final stakeholder meeting to be held in October 2010, final report to be published in November 2010. Includes commercial as well as domestic equipment as for example: Cabinets, Walk-in cold rooms, Chillers. See [Working documents](#) and [Executive summary \(May 2010\)](#). Some types of refrigeration equipment have been studied earlier under [ENER Lot 12](#).

[ENTR LOT 6 - Air conditioning and ventilation systems](#) ("Final" report expected in September 2011): ENTR Lot 6 will cover ventilation products not already covered by ENER Lot 10.

More about ErP regulations and related European standards in the next issues of [REHVA Journal](#).

European Commission supported projects



BUILD UP portal www.buildup.eu

Embedded pages from BUILD UP portal are now available also to websites of REHVA members and supporters. Contact [REHVA office](#) for more information.

Build Up portal is the official platform for dissemination of information about energy efficiency of buildings. REHVA supporters are also welcome to submit material to the portal regarding the case studies, reports, tools and events dealing with energy efficiency of buildings. Registered user of the portal can also join specific communities to share their experience on specific topic areas – see section communities at the portal.

New publications

VDI- Guidelines published in October-December 2010

- VDI 2050/2 Requirements at technical equipment rooms; Sanitary engineering
- VDI 2050/4 Requirements at technical equipment rooms; Ventilation and air-conditioning
- VDI 2050/5 Requirements at technical equipment rooms; Electrical engineering
- VDI 2083/13.3 Cleanroom technology; Quality, production, and distribution of ultrapure water; Pharmacy and other life-science applications
- VDI 2077/2 Energy consumption accounting for the building services; Water supply systems
- VDI 2083/18 Cleanroom technology; Biocontamination control
- VDI 2077/3.1 Energy consumption accounting for the building services; Determination of reimbursable costs of heat generation by CHP systems

[Register to REHVA Newsletter free of charge](#)

Founded in 1963, REHVA is a European organization connecting European professionals in the area of Building Engineering Services, and representing more than 100.000 building services engineers from 28 European countries.

REHVA is the leading professional HVAC organization in Europe, dedicated to the improvement of health, comfort and energy efficiency in all buildings and communities.

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