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EU-regulations section at renewed REHVA website www.rehva.eu

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**REHVA welcome
new supporters**



[EU regulations section](#) of the REHVA website has been created to guide you into the European Commission legislation related to HVAC in buildings. An introduction is given to each subject and relevant links to get the original references. Updates are made on a regular basis and emphasis the main changes and inform of new pertinent information's or documents release. The information is organised in nine sections:

[EU legislation](#): Get more familiar with the EU. This section details the process to establish laws, how the commission is structured and clarify the terms regulations, directives, standards and policy documents. EU Roadmap towards low carbon and Energy efficiency plan 2011 set the major goals and are briefly described.

[EPBD - Energy performance of buildings directive](#): contains the Directives and its recast with milestones for their implementation, concerted action for EPBD opening the dialog and exchanges within the EU, BUILD UP portal with shared experience, Nearly Zero Energy Buildings, CEN Standards and EPBD, comparative framework for Cost efficiency calculation.

[Eco-design of energy related products directive \(ErP\)](#): presents the Scope of the directive, HVAC product groups (Lots), Products regulations, Preparation studies, 2012-14 working programme.

The scope of Energy using product directive was expanded to all energy related products in 2009. [The Eco-design directive](#) allows the Commission to develop regulation for practically any product used in buildings. See how you can participate as stakeholder through the REHVA website links.

HVAC Related ECO - Design regulations: [Adopted HVAC related regulations](#). Implementing measures have been published and regulations have entered into force for several product groups, including Electrical motors, Circulators, Fans.

A list of regulations in preparation and ongoing studies is made with links on specific lots.

[RES - Renewable energy sources directive](#): covers Renewable energy definition, Policy overview, EU legislation and various useful links.

[Buildings Labelling](#): EU Eco-labelling criteria and Green Public Procurements for Products. EU Eco-label and Green Public Procurement for Buildings

[Indoor Environmental Quality](#): Outdoor air quality, Environmental noise, indoor air quality and thermal comfort

CEN and ISO Standards : What is CEN, what is ISO? Who can participate in standardization? What is a "harmonized European standard"? How a European standard is prepared? What is "EN ISO" Standards? EPBD standards. Most relevant CEN Technical Committees to HVAC.

Projects : Intelligent Energy - Europe programme, Energy regulations related projects, Indoor air quality related projects, Executive Agency for Health and Consumers, EU Framework Programmes, Joint Research Centre

F-Gas regulation: Regulation, Confinement of fluorinated gases, Labelling, Staff training and certification
Learn more about this in <http://www.rehva.eu/en/eu-regulations>



REHVA Journal

REHVA journal is now at the REHVA website in the address:
<http://www.rehva.eu/en/rehva-european-hvac-journal>

REHVA Community News



Alex Vanden Borre started to work at the Brussels office at mid-May as **REHVA's new Senior Project Engineer**. He holds a Mechanical engineering degree with automation specialisation. His career has been focused on the HVAC field within installers companies, engineering offices or suppliers of HVAC equipment. His last 5 years were dedicated to internal technical trainings on Controls of HVAC systems on the air and water side for fulfilment teams in Europe, Middle-East, India and Africa. You can reach him at: avb@revha.eu



Michael Schmidt, the new President of REHVA

During the General Assembly, *Michael Schmidt* was installed as new President of REHVA. Since 2000, he has served as a professor and chair for heating and air-conditioning and directorship of the Institute for Building Energetics at University of Stuttgart.

New Board of REHVA

A new board has been elected during the REHVA General Assembly in Tallinn.



Stefano P. Corgnati



From left to right: Karel Kabele, Jan Aufderheijde, Olli Seppänen (Secretary General), Bjarne W. Olesen, Michael Schmidt (President), Ioan Silviu Dobosi and Zoltan Magyar.

Follow up the Eco design of energy related products directive

By Jorma Railio, FAMBSI, Finland

Regulations in preparation (studies completed) -UPDATE

ENER Lot 1 Boilers - Working document for boilers and heat pumps was discussed at Regulatory Committee on 11 April 2011. Proposal for regulation was circulated for comments in May 2011. [Link to most recent documents](#)

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. In June 2011, the next steps are still awaiting.

ENER Lot 10 - Air conditioners, comfort fans and residential ventilation. In January 2011 the first working document for ecodesign and ecolabel requirements, for residential ventilation products (heat recovery units, range hoods) plus the additional background material, was circulated for comments. Further processing of the implementing measures have now been postponed until the preparatory study for non-residential ventilation (under ENTR Lot 6) has been completed - so the work will continue again in early 2012.

For air conditioners and comfort fans under the same Lot, the draft implementing measure was adopted last week on 31 May 2011. Regarding next steps, the text adopted by the Regulatory Committee is now subject to the scrutiny right of the European Parliament and Council for three months. The final adoption is therefore expected in September / October 2011. Requirements for the first product types will enter into force in the beginning of 2013.

ENER Lot 11 - Eco-design regulation for Fans (125 W ... 500 kW) published, and the first tier of requirements will enter into force in the beginning of 2013, given as the minimum efficiency grade for six fan types. [Link to EU Official Journal](#)

Ongoing work (studies relevant to HVAC products)

ENER Lot 20 Local room heating products and ENER Lot 21 Central heating products - active again after some delay, first stakeholder meetings were held 18-19 April 2011.

ENTR Lot 6 Air-conditioning and ventilation systems - second stakeholder meeting postponed, expected now to be held after summer 2011 - www.ecohvac.eu . Reports from Tasks 1 to 5 have been added to the study's website in May 2011.

Energy Efficiency and Repealing Directives

On the 22 of June, the EU commission published the document energy efficiency and repealing Directives **2004/8/EC** and **2006/32/EC**. The main purpose of the proposal is to make a significant contribution to meeting the EU's 2020 energy efficiency target. Please, find all information in the attached documents and on http://ec.europa.eu/energy/efficiency/eed/eed_en.htm

Eco-design of Energy Related Products Directive (ErP – directive) is most powerful energy related directive in EU

Study for the Amended Working Plan www.ecodesign-wp2.eu , for the "remaining energy-using and new energy-related product" is still open for comments



iSERV project data base will offer an benchmarking opportunity for AC inspections – benchmarking may be an alternative to inspection

iSERV project collects a benchmarking database on energy use of A/C systems

REHVA supporters are invited to participate

Recently, a new **Intelligent Energy Europe** program called **iSERV** has been launched. This project aims to collect sub-hourly HVAC system energy use data from around 1600 HVAC systems in the EU Member States and analyse this information.

REHVA will play an active role to get participants enrolment in this project and disseminate the results of the study.

The main benefits for the project participants are:

- feedback on their building energy use patterns and comparisons with similar systems
- detailed understanding of their HVAC energy consumption
- get key directions on how to improve in-use energy efficiency of their HVAC systems
- avoid HVAC system inspections when identified as performing

The overall aim of iSERV

- Is to provide some reward to HVAC system owners/operators and manufacturers for addressing the energy efficiency of these systems in their operation and design.
- To establish that the continuous monitoring and benchmarking of HVAC processes will provide energy saving benefits equivalent to or better than those achievable by Physical Inspection alone
- To produce benchmarks of energy consumption by HVAC systems against end use activities derived from measured data around Europe
- To encourage the rapid adoption of more energy efficient HVAC systems through demonstrating their in-use benefits

Should you be interested in a direct participation, please do contact the project via the iSERV website <http://www.iservcmb.info/> - or if prior to August 2011 then contact the project Coordinator, Dr Ian Knight, at knight@cf.ac.uk. See all details in the announcement on the Build Up portal: <http://www.buildup.eu/news/15861>

Please do spread the information around to possible interested organisations or companies.

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