

Introduction

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By Olli Seppänen, Secretary General of REHVA

This is the first issue of the newsletter exclusively dedicated to the REHVA supporters. The newsletter offers to the supporters the selected news focusing on EU policy and regulations related to buildings, especially HVAC technology. **Note that you have direct hyperlinks from this bulletin to the relevant sites.** The newsletter will also inform the supporters about the current and upcoming REHVA activities. It will be published six times a year and only electronically. The supporters are welcome to send any number of addresses of their organization to which they wish to have the newsletter to be sent. The addresses will not be used for any other purpose. Comments and ideas about the contents are welcome; please send to the info@rehva.eu or to the editor oseppanen@rehva.eu.

Ecodesign of energy related products directive – ERP Directive

By Jorma Railio, FAMBSI, Finland

General background

The scope of Energy using product directive was expanded to all energy related products in 2009. This directive allows the Commission to develop regulation for practically any product used in buildings. The general background and basic ideas are well described at the [Ecodesign](http://ecodesign.eu) website, and in the [BROCHURE](#) linked to the same website, which also contains more about decision-making process, about regulations already in force, about new product groups subject to future regulations, etc. Here just a few selected features:

Working plan 2009-2011

The first [Working Plan](#) of the Ecodesign Directive was adopted on 21 October 2008. It establishes a list of 10 product groups to be considered in priority for implementing measures in 2009-2011. These include products for Air-conditioning and ventilation systems, Electric and fossil-fuelled heating equipment, Refrigerating and freezing equipment and Water-using equipment.

EU regulations based on the Ecodesign of energy using products apply automatically to all products in Europe without national approval or legislation

The industry and stakeholders have to be active and open with the commission when the background studies are performed and regulations prepared

During the “transitional period” between the entry into force of the Ecodesign Directive in 2005 and the adoption of the first Working Plan in 2008, [implementing measures](#) were prepared for a number of products identified as priorities by the European Climate Change Programme. 9 implementing measures have already been adopted and several preparatory studies by DG Energy are completed or ongoing. The first implementing measures are estimated to allow about 340TWh yearly savings by 2020, equivalent to 12.7% of the EU electricity consumption in 2007. Electric motors alone are estimated to contribute some 40% of these savings.

Most relevant LOTs to HVAC industry

[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.

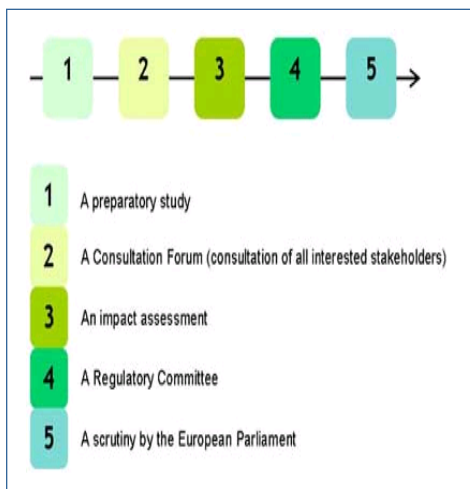
[ENER LOT 20 Local room heating products](#) and [ENER LOT 21 Central heating products](#).

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](#).



Decision-making process under the Ecodesign directive

[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. Depending on the measures following this work, the boundaries to LOT 10 may be subject to changes. Products and the functions to be dealt with in this study (incl. borderline between this study and Lots 20 and 21) to be studied are still under discussion. One stakeholder meeting has been held in September 2010.

Ecodesign measures for water taps and shower heads may also be dealt with in the “[Ecotapware](#)” study under DG Environment, which aims at establishing Ecolabel criteria for these products.

More about different “Lots” in the next issues of REHVA Supporters Bulletin.

Upcoming REHVA events

REHVA seminar at ISH, Frankfurt, Germany, March 17, 2011

The next REHVA seminar will take place from 14.00 to 17.00, cocktails afterwards. The topic of the seminar is HVAC for zero energy buildings. Come and share your experience and expectations with zero energy buildings. More info at www.rehva.eu.

REHVA events offer a window to supporters to follow up the development of European science and technology

REHVA annual conference in 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/.

EU sustainable energy week in Brussels, Belgium, April 11-15, 2011

During this week, hundreds of events are organised both in Brussels and in many other cities. Be sure to register on time at www.eusew.eu.

REHVA annual conference and General Assembly 2012 will take place in Timisoara, Romania, March 28-31, 2012 - www.rehva_am2012.ro (running from beginning 2011)

REHVA World Conference Clima 2013 in Prague, Czech Republic, June 16-19, 2013

The Clima 2013 conference is available for sponsoring opportunities. For additional information, contact info@rehva.eu.

BUILD UP portal www.buildup.eu

Embedded pages from BUILD UP portal are now available also to websites of REHVA supporters. Please contact REHVA office for more information.

Build up portal is the official platform for dissemination of information about 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.

Publications

REHVA report “Sustainable Energy Use in Building” workshops at Clima 2010 conference

REHVA report “Sustainable Energy Use in Buildings” **REHVA Workshops at Clima 2010 (90 pages)** is now published. It includes summaries and conclusions from workshops that were organized at the Clima congress. The PowerPoint presentations given in the workshops are included on the CD that is attached to the report. The report and the CD can be ordered from the REHVA [bookstore](http://bookstore.rehva.eu) or from info@rehva.eu. (Price: 60€ + mailing cost)

Proceeding of the Clima 2010 conference in Antalya

If you missed the Clima world Congress in Antalya please note that all papers presented at the conference are now available from the REHVA [bookstore](http://bookstore.rehva.eu). 600 papers are included in the CD with lengths of 6-12 pages each - huge source of information. The CD allows you to search by author, topic, keyword etc. (Price: 50€+mailing cost)

New REHVA Task Forces

For additional information, please contact the chairs of the taskforces.

HVAC to building owners and investors

The specific task of this in September established task force is to prepare an illustrated Guidebook on HVAC systems and their selections for building owners and other “non-specialists”.

Task force is chaired by the REHVA vice-president, Ms Maija Virta, majja.virta@figbc.fi

Net zero energy building

The specific task of this in September established taskforce is to define the energy flows and sources, develop the energy boundaries for the net zero energy buildings to uniform the European practice.

Task force is chaired by Dr Jarek Kurnitski, jarek.kurnitski@sitra.fi

Energy refurbishments

The specific task of this in September established taskforce is to collect information on cost effective refurbishments for improvements of energy efficiency of buildings to help the member states in selecting the most cost effective policies.

Task force is chaired by Prof Marija Todorovic, deresmt@eunet.rs

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