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EU-regulations

See also the [EU regulations section](#) of the REHVA website (to be updated soon)

Energy Efficiency Directive

A new set of measures for increased Energy Efficiency is proposed by the European Commission to fill the gap and put back the EU on track. This proposal for this new directive brings forward measures to step up Member States efforts to use energy more efficiently at all stages of the energy chain - from the transformation of energy and its distribution to its final consumption.

The Commission proposes simple but ambitious measures:

- Legal obligation to establish energy saving schemes in all Member States
- Public sector to lead by example
- Major energy savings for consumers

See the proposed directive at

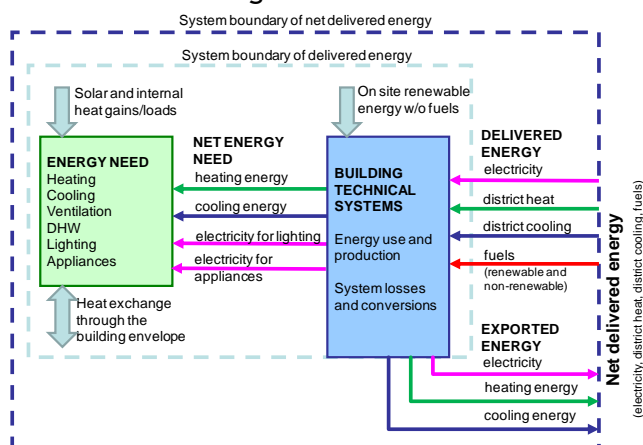
http://ec.europa.eu/energy/efficiency/eed/eed_en.htm

Energy performance of buildings directive

[EPBD](#) - : Cost-optimal framework methodology was introduced at the previous issue of the Bulletin. The final version for Cost optimal framework has been accepted and will be published in a few days. REHVA has established a Task Force to help defining the required national reference buildings.

Net Zero Energy Buildings

Taking into account the published draft, REHVA Task Force on "nearly zero energy buildings" has been finalised by now, link to the final report can be found at [REHVA TRC's](#) (Technology and Research Committee) webpage, second paragraph from bottom. See also [Jarek Kurnitski's article](#) in REHVA Journal 5/2011, focusing on residential buildings.



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Ecodesign

[Lot 6](#) Air conditioning and ventilation systems - the second stakeholder meeting was held on 30 September 2011 in Brussels. The documents for the meeting, including presentations, are available on the website of Lot 6. The "Ventilation" part of the study is now concentrating on air handling units (AHU's), possibly also including the heating function (see Lot 21). Comments on the existing material are still possible until 31 October 2011. There are discussions ongoing among stakeholders about the ecodesign criteria, including how to deal with characteristics like SFP (Specific Fan Power) that depend on the air distribution system. Another "hot" discussion topic is about the borderline between "large" and "small" units/fans, or between "residential" and "nonresidential" ones. Of course any fixed borderline is more or less artificial, but it is now under discussion to solve this borderline question by giving the manufactures an advice to state the intended use of the product (residential vs non-residential). One reason to this borderline discussion is the fact that standards for "residential" and "non-residential" ventilation are somewhat different. The discussions still go on.

[Lot 21](#) Central heating products - [Lot 20](#) Local room heating. For both studies, second stakeholder meetings were held in the end of September 2011. The documentation as well as the presentations are linked on the websites of the studies (these are also linked to each other). The "Documents" pages. According to the slide presentations, the scope and products concerned are now clearly proposed for both studies. Here just the main product groups:

- Lot 20 - Residential room heaters (electric, gas, liquid fuel), non-residential room heaters (warm air unit heaters, radiant heaters, air curtains)
- Lot 21 - Gas, oil and electric furnaces, multi-fuel furnaces, various heat pumps

The Lot 21 Documents page also contains an interesting [document](#) dealing with air handling units, advising to consider AHUs only in the ventilation part of ENTR Lot 6 study. This would be very welcome, avoiding a total split-up of product functions.

EU Ecolabel and Green Public Procurement Criteria for office buildings

[Labelling of products and buildings](#) - The second stakeholder workshop for office buildings will be held in Brussels on 30 November 2011. Documents for the meeting will be posted in the relevant [webpage](#) in early November. The second stakeholder workshop for Hydronic Central Heating Generators will be held in Brussels on 29 November 2011, documents also expected on the project [webpage](#) in early November.

Green Public Procurement Procurement workshop tentatively for Wednesday 18th of January 2012 in Brussels.

European Standardization

The revision of standard EN 779 for air filters had been approved in the CEN vote in summer 2001, but publishing has been delayed because Italy had sent an appeal to CEN. A clear majority of CEN members regard the new version as a clear improvement, but also a need for further revision has been presented, also among the countries which have been in favour of the 2011 revision. Ratification of EN 779:2011 (still subject to withdrawal or rejection of the Italian appeal) may finally open the door to a joint effort between ISO/TC 142 and CEN/TC 195 towards one global standard. At the CEN/TC meeting 21 October 2011, REHVA's application for liaison status was approved so REHVA can now follow the work closer and participate to meetings as observer.

Different CEN TC's have received suggestions or working documents dealing with possible Ecodesign (ErP) Mandates for a number of product families. These include at least products for heating and ventilation, and may bring up revision work for many existing standard, and possibly also totally new standards will be needed. On the other hand, while negotiations for execution of the second EPBD mandate have been ongoing, some concern has been expressed about lack of coordination and possible overlaps or conflicts between the ErP and EPBD Mandates. While the ErP Mandates are still under discussions, these discussions have once again revealed that stakeholders should put efforts in standardization to aim at practicable standards and also at full consistency between standards for energy performance of buildings, and for product performance.

Upcoming events

Next REHVA Annual Conference and Meeting will be hosted by the REHVA Romanian members AIIR/AGFR in *Timisoara, Romania* on *April 17-20, 2012*. The conference will focus on Refurbishment of European buildings for better energy efficiency. More info at www.rehva.eu or www.rehva-am2012.ro

ASHRAE 2012 Winter Conference, 21-25 January 2012, Chicago, Illinois, USA

You are invited to REHVA Reception, 23 January 2012, 18.00 - 19.30 at the conference hotel Palmer House Hilton



Interclima +elec

7-10 February, 2012, Paris - Porte de Versailles, France

Every two years in Paris, this is the landmark event where the entire trade community (installers, contractors, architects, engineers, distributors) www.interclimaelec.com



ACREX 2012, 23-25 February 2012, Bangalore, India

www.acrex.org.in

REHVA will publish and distribute a special issue of the REHVA journal at the exhibitions in cooperation with ISHRAE and exhibitor.

For sponsoring contact: cd@rehva.eu

MCE - Mostra Convegno Expocomfort 2012, 27 - 30 March 2012, Fiera Milano, Italy

www.mceexpocomfort.it

Light and Building, 15-20 April 2012, Frankfurt, Germany

Please visit www.light-building.messefrankfurt.com

You are invited to the

REHVA seminar, 16

April, 11.00 - 13.00

light+building

Meetings in Brussels

Principles for nearly Zero Energy Buildings

BPIE invites expert on **November 9th 2011, in Brussels** to the launch of **Principles for Nearly Zero-Energy Buildings (nZEB)**, a study carried out by the Buildings Performance Institute Europe (www.bpie.eu).

This report aims to contribute to reaching a common understanding of nZEB by:

- Providing a starting point for a nZEB definition by analyzing existing concepts and initiatives
- Lining out main challenges and potential solutions for a nZEB definition
- Compiling a possible set of principles for nZEBs
- Applying such principles on reference buildings and assess related effects
- Depicting related technological, financial and policy implications at EU level, and
- Giving an outlook on necessary further steps towards a successful implementation of nZEBs.

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The workshop will take place at one of the largest passive office buildings in Brussels (AEROPOLIS II), **on Wednesday, November 9th 2011, between 2 - 5.30 pm.** We have invited the architects and engineers of AEROPOLIS II to enrich the analysis with the views and experiences of building professionals who have to turn theory into practice.

European Buildings under the Microscope - a country by country review of the energy performance of European buildings.

As there is a lack of comprehensive data on buildings at European level, we placed the European building stock (EU 27 as well as Switzerland and Norway) under the microscope to investigate its main features, including building characteristics, building codes and other regulatory measures. The collected data allowed to determine the energy and CO₂ saving potential of European buildings and to model a variety of scenarios for the systematic renovation of the European building stock till 2050.

BPIE is pleased to invite you to the presentation of our study 'European Buildings under the Microscope - a country-by-country review of the energy performance of European buildings' followed by two panel debates.

The event will take place on **November 10th 2011, from 9.00 to 13.00** at one of the largest passive office buildings in Brussels: [AEROPOLIS II](http://www.aeropolis.be)

For registration (seats are limited!), please register at www.bpie.eu or send us an e-mail specifying the event you would like to attend.

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