



REHVA BULLETIN

for our Supporters

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The REHVA Supporters' Seminar

The REHVA Supporters' Seminar took place in Brussels on 6 October 2014. The topic, this year, was EU Policy and regulations - Status of the revision of CEN EPB standards providing updates about the revision of the Ecodesign and EPBD Directives as well as an overview about the EPBD related standardisation.

You can download the presentations of the seminar on the REHVA [website](#).

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REHVA Annual Meeting and Conference 2015

AHGWTEL, the Association of Heat, Gas and Water Technology Engineers of Latvia is proud to host the REHVA Annual Meeting 2015 which will be held in **Riga, Latvia** from **6th to 9th May 2015**.

The Conference "Advanced HVAC and Natural Gas Technologies" will provide an excellent opportunity for industry, students and academia to meet each other and create mutually beneficial contacts. In order to highline future trends in buildings' energy efficiency and safe energy supply, special working platforms for the representatives of industry and decision makers will be organized in scope of workshops and meeting. [More information](#)

New REHVA responsive website

REHVA has launched a new redesign responsive website. The new website provides an optimal viewing experience. The navigation is now easier with a minimum resizing and scrolling across wide range of portable devices (iPAD, iPhone, Smartphone and Android Tablet). All the REHVA Guidebooks and reports are now available in a PDF format. Visit [REHVA's Guidebooks Shop](#) to purchase your eGuidebook on your portable devices!

FINVAC/REHVA Seminar at FinnBUILD 2014

The FINVAC/REHVA energy seminar at Finnbuild on October 2 focused on HVAC systems and equipment in nearly zero energy buildings. The seminar was attended by 140 participants. The seminar included an international part and a domestic part. At the international part, Mr Ismo Grönroos-Saikkala from European Commission presented an interesting summary of Ecodesign and other relevant EU legislation, including some future perspectives. The domestic part dealt with energy calculations, challenges to system and product development, and finally heating systems in nZEB's, and was followed by a lively discussion about centralized versus decentralized energy production and distribution, also in the light of the use of renewable energy sources in heating of buildings. Concerning decentralized systems, part of the audience pointed out independence of delivered energy, while some others were concerned about the complexity of technical building systems. All presentations are available [online](#).

REHVA European HVAC Journal

- The **November issue** (6/2014) will focus on Innovative HVAC solutions for high performance buildings. The editor of this issue is Stefano Corgnati (stefano.corgnati@polito.it)
- The **January issue** (1/2015) will focus on the Effect on EPBD on European Buildings. The Editor-in-Chief of this issue is Jaap Hogeling (jh@rehva.eu)
- The **March issue** of the REHVA Journal (2/2015) will focus on Nearly Zero Energy Buildings. 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. [Register](#) online to get your free copy of the REHVA Journal!

EU Policy News

EU 2030 Climate and Energy Package - disappointing Council decision on energy efficiency

The European Council adopted the EU 2030 Climate and Energy Package on the Summit on 23 October defining as 2030 headline targets for Europe 27% renewable energy share in the energy mix, 40% decrease of GHG emission compared to 1990 basis - both binding for the member states, and an indicative non-binding 27% energy efficiency target. Latter falls even behind the already unambitious 30% goal presented by the Commission in July. [REHVA called in its position paper](#) published earlier this year for a binding and ambitious energy efficiency target in order to ensure continuous development and investment in energy efficiency, especially in the building sector, which represents almost half of the energy end-use in all Member States. The adopted renewable and energy efficiency targets are close or even below the business as usual scenario published in EU studies and confirmed by the industry. With these targets the European Heads of States sent a weak message to their energy efficiency industries that have been repeatedly asking for a 40% target. According to the [Council Conclusions](#) “The Commission will propose priority sectors in which significant energy-efficiency gains can be reaped”. REHVA called in its [policy statement](#) for support policies that prioritise the building sector and boost cost-effective, high quality renovations across the EU member states in order to achieve an energy efficient and healthy building stock for Europe.

New European Commission - Juncker merges Energy and Climate change portfolios

President-elect Juncker unveiled the new structure of the next European Commission in September introducing significant changes in the structure and portfolios of the Commission. [The new European Commission](#) will be streamlined to focus on tackling the big political challenges Europe is facing among them energy security. A number of portfolios have been reshaped and streamlined.

The new College will have seven Vice-Presidents in charge of coordinating Project Teams: different commissioners and directorate generals related to the main policy challenges. The Vice-president for Energy Union is [Maroš Šefčovič](#) coordinating the Project Team “*A Resilient Energy Union with a Forward-Looking Climate Change Policy*”. The former separate portfolios Energy and Climate Action have been merged under Commissioner [Miguel Arias Cañete](#).

According to the [European Parliament hearings of Cañete](#) and the [policy briefing](#) prepared for his hearings energy efficiency should be enhanced beyond the 2020 objective, particularly in the buildings sector, which shows that sustainable energy can be expected to be high on the political agenda of the next European Commission.

Both the European Parliament (EP) and the European Council have given their consent to the College of Commissioners. The new Commission will start its work on 1st of November 2014.

New Horizon2020 call for proposals opened

The European Commission opened new calls for proposals in October 2014 in the field of on energy-efficient building design and heat recovery technologies. A total indicative budget of €79 million is available for the following 6 call topics. The deadline for submission of proposals is 4 February 2015.

- [EeB-05-2015: Innovative design tools for refurbishing of buildings at district level](#)
- [EeB-06-2015: Integrated solutions of thermal energy storage for building applications](#)
- [EeB-07-2015: New tools and methodologies to reduce the gap between predicted and actual energy performances at the level of buildings and blocks of buildings](#)
- [EeB-08-2015: Integrated approach to retrofitting of residential buildings](#)
- [EE-02-2015: Buildings design for new highly energy performing buildings](#)
- [EE-18-2015: New technologies for utilization of heat recovery in large industrial systems, considering the whole energy cycle from heat production to transformation, delivery and end use](#)

**“REHVA commenting
on CEN EPBD
standards”**

CEN EPBD Standards

REHVA is involved in the review of EPB related standards as CEN liaison organisation and regularly informs supporters and member associations about the updates and draft standards in a protected REHVA website section.

Public enquiry for a few standards has already started, but for the most interesting standards for REHVA the 5-month enquiry is expected to be launched by CEN in November 2014 of most of the draft standards, including those two selected for commenting pilots:

- Ventilation and air conditioning for non-residential buildings prEN13779
- AC and ventilation inspections prEN16798-17

REHVA will invite supporter organisations to send in comments on these and all other standards after the enquiry process has started. Those interested in commenting are invited to contact REHVA office for more information.

EU Project News

Tool-Kit on Integrated Energy Design

Within the framework of the EU-project, MaTriD a practical and user friendly tool-kit on integrated energy design, has been elaborated. This tool-kit can be directly used by the design team (e.g. property developers, architects, engineers, etc.). The core document of the tool-kit is the Integrated Design Process Guide (Fig.1). Accompanying documents are the Client Brief, the Tenant Brief, Scope of Services and Case Studies referring to ID as a means of achieving NZEB.

The ID Tool-kit has been translated and adapted into various national regulations and circumstances. In each project country, the set of documents has been developed in national language including general standards for ID, templates for architecture briefings and planning contracts, and national standards for architecture competitions for NZEB.

The European Tool-Kit and its national adaptations can be found at <http://www.integrateddesign.eu>

LEEMA survey about building insulation materials

The LEEMA project develops novel, inorganic insulation materials and building-insulation masonry components such as loose filling materials, insulation boards and insulated bricks. The developed materials will have significantly lower embodied energy (by 70-90%) and a lower unit cost (by 25-30%) compared to commonly used insulation materials.

You are kindly invited to respond an online survey about "[Requirements of insulation materials and building insulation masonry components](#)". The information you provide will greatly assist the LEEMA project in developing specifications of novel insulation materials and building masonry components that meet your requirements. For more information on the project visit: <http://www.leema.eu>.

Publications

BPIE report on *Energy Performance Certificates (EPC) across the EU*

This report explores the national approaches to buildings efficiency certification providing a comprehensive overview of EPC schemes and databases for residential and non-residential buildings across Europe. It identifies good practices to make EPC data reliable and accessible. [Download](#) the report.

MaTriD
Market Transformation Towards Nearly Zero
Energy Buildings Through Widespread Use of
Integrated Energy Design

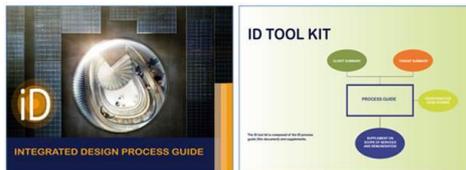


Fig.1: The Integrated Design Process Guide

International event

World Sustainable Energy Days - mark the date!

The World Sustainable Energy Days (WSED), one of the largest annual conferences in this field in Europe, offer a unique combination of events on energy efficiency and renewable energy. In 2014, the event attracted over 750 participants from 59 countries! The conference takes place from 25-27 February 2015 in Wels/Austria.

The WORLD SUSTAINABLE ENERGY DAYS 2015 offer up-to-date information on technologies, policies and markets, are a global meeting place for the sustainable energy community and a great platform for interaction and business contacts. For registration & information please visit the conference website at www.wsed.at



Upcoming other events

45th HVAC&R International Congress

3-5 December 2014

Belgrade, Serbia

[More information](#)

Advanced HVAC & Natural Gas Technology

6-9 May 2015

Riga, Latvia

[More information](#)



2015 AHR Expo

26-28 January 2015

Chicago, Illinois, USA

[More information](#)



AQUATHERM St-Petersburg

18-21 March 2015

St-Petersburg, Russia

[More information](#)



AQUATHERM Moscow

3-6 February 2015

Moscow, Russia

[More information](#)



37th Euroheat & Power Congress

27-28 April 2015

Talinn, Estonia

[More information](#)

AQUATHERM Novosibirsk

17-19 February 2015

Novosibirsk, Russia

[More information](#)



ISH China & CIHE

13 - 15 May 2015

Beijing, China

[More information](#)



ACREX 2015

26-28 February 2015

Biec, Bangalore, India

[More information](#)

COLD CLIMATE 2015

20-23 October 2015

Dalian, China

[More information](#)

ISH 2015

10-14 March 2015

Frankfurt, Germany

[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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