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REHVA welcomes a new supporter

Eneko S.A has joined the reHVAClub of supporters in the beginning of June 2013. Eneko meets the needs of the sector with its effective and cost-efficient technology products complying with Turkish and European standards, while keeping up the quality on ventilation and heat/energy recovery systems.



New REHVA Guidebooks

(For more information see <http://www.rehva.eu/index.php?id=6>)

- **Legionellosis Prevention in Building water and HVAC Systems - a Practical Guide for Design, Operation and Maintenance to Minimize the Risk (GB nr 18)**
Editors: Sergio La Mura, Cesare Maria Joppolo, Luca Alberto Piterà
Contributing authors: Jean Pierre Angermann, Mark Izard
- **Mixing Ventilation - Guide on mixing air distribution design (GB nr 19)**
Editor: Dirl Mülle
Contributing authors: Claudia Kandzia, Risto Kosonen, Arsen Krikor Melikov, Peter Vilhelm Nielsen
- **Advanced system design and operation of GEOTABS buildings (GB nr 20)**
Authors: Franziska Bockelmann, Stefan Plessner, Hanna Soldaty
Co-Authors: Wim Boydens, Daniel Costola, Arno Dentel, Thomas Dippel, Lukas Ferkl, Adrian Görtgens, Lieve Helsen, Jan Hoogmartnes, Bjarne W. Olesen, Wout Parys, Maarten Sourbron, Clara Verhelst, Jan Verheyen and Christian Wagner
- **REHVA nZEB technical definition and system boundaries for nearly zero energy building (Report nr 4)**
Editor: Jarek Kurnitski
Contributing authors: Francis Allard, Derrick Braham, Dick van Dijk, Christian Feldmann, Jacquelyn Fox; Jonas Gräslund, Per Heiselberg, Frank Hovorka, Risto Kosonen, Jean Lebrun, Zoltan Magyar, Livio Mazzarella, Ivo Martinac, Vojislav Novakovic, Jorma Railio, Olli Seppänen, Igor Sartori, Johann Zirngibl, Michael Schmidt, Maija Virta, Karsten Voss and Asa Wahlström

REHVA General Assembly 2013

REHVA General Assembly meeting gathered nearly 90 participants on 15 June 2013 in Prague. REHVA warmly thanked its Czech member STP for organising a very nice event. German association VDI will hold the next 2014 GA meeting in Düsseldorf (Germany) which will take place April 29. During the GA, a new board was unanimously elected. Two Board Members saw their mandate renewed. Bjarne W. Olesen decided to step down due to other professional activities. Former President Michael Schmidt came at the end of his term and thanked the members of the board having contributed to his presidential term as good collaborators.

The President-elect Karel Kabele was installed as the new President. He and the Assembly warmly thanked Michael Schmidt for his important contribution to REHVA's development during the two last years. [The new REHVA Board](#) now consists of President: Karel Kabele (STP, Czech Republic) and Vice-Presidents: Stefano P. Corgnati (AiCARR, Italy), Ioan Silviu Dobosi (AIIR, Romania), Manuel Gameiro da Silva (Ordem dos Engenheiros, Portugal), Frank Hovorka (AICVF, France), Jarek Kurnitski (EKVU, Estonia), Zoltan Magyar (ETE, Hungary) and Jan Aufderheijde as SG.



CLIMA 2013 – 11th REHVA World Congress & the 8th International Conference on IAQVEC

The 11th edition of CLIMA took place in the Prague congress centre from June 16 to 19. This 4 days international congress gathered about 1000 participants from all around the world interested in the building engineering services sector. Besides the Plenary, Technical, seminars and Poster session, a dense programme of Technical workshops was offered to the attendees. More than 650 technical and scientific papers were presented in 82 technical sessions.

REHVA European HVAC Journal

- The **August issue** of the REHVA Journal (4/2013) will focus on Energy efficient ventilation and indoor environment - The editor of this issue is Olli Seppänen - oseppanen@rehva.eu.
- The **October issue** of the REHVA Journal (5/2013) will focus on Heat pump applications and renewables energies - The editor of this issue is Olli Seppänen - oseppanen@rehva.eu.

Building Energy Performance under the EPBD – Taking Stock and Looking Forward

Under the auspices of the Irish EU Presidency - represented by Mr. Fergus O'Dowd, T.D., Minister of State, Department of the Environment, Community and Local Government of Ireland - the 2012 Book '*Implementing the Energy Performance of Buildings Directive - Featuring Country Reports*' was handed to Ms. Claudia Canevari, DG Energy, EC during the joint EC - Concerted Action EPBD stakeholders event on the 28th of June 2013.

Panel discussions followed between several top experts in the field of the EPBD and the market. The first discussion triggered interest through visionary views on the progress in Building Energy Efficiency in the EU. The second focused on driving the market transformation and dealt with Vision, Challenges and Opportunities for Delivering the Potential. The presentations are available [online](#). You may access the full book as PDF by clicking [here](#).

EU Sustainable Energy Week 2013: FAQ and main features

In its eighth edition, the [EU Sustainable Energy Week](#) (24 to 28 June 2013) featured activities dedicated to energy efficiency and renewable energy solutions. It aimed to demonstrate to businesses, decision-makers and the wider public that sustainable energy technologies are viable, cost-effective and good for the environment and our economy. Through a series of events across the EU, this year's EUSEW 2013 put the emphasis on how to best mobilise and use the financing needed to deliver sustainable energy systems and services. Source: DG Energy

EU project news: iSERV

Inspection of HVAC Systems through continuous monitoring and benchmarking

The outcomes of the iSERVcmb project were presented in a dedicated workshop during the CLIMA 2013 congress on 17 June in Prague. Project coordinator Dr. Ian Knight presented the recent updates of the project aiming at achieving energy savings through remote, online monitoring of HVAC systems in buildings. By now there are sufficient consumption data in the database to test and further develop algorithms to define automatic energy conservation opportunities (ECOs) as well as component and system level benchmarks of the systems. [iSERV is still recruiting system operators and facility managers](#) to join the project. Interested companies can find more information about benefits of joining the online Application in the [project website](#).



Eco-design news

Proposals for ecodesign regulations for Solid fuel boilers (ENER Lot 15) and Local space heaters (ENTR Lot 20) in preparation after consultation forum - Regulatory Committee meetings possibly in autumn 2013

Solid fuel boilers (Lot 15)

Requirements for solid fuel local space heaters (LSH) were discussed in Consultation Forum 20 September 2012. A meeting on measurement methods for local space heaters was held 17 December 2012. In May 2013, three documents were circulated to Member States for comments and will be finalized taking into account the received comments. These documents are still subject to change, and the revised versions will be sent for comments approximately one month prior to the Regulatory Committee meeting.

The documents include a Working Document on a Draft Commission Regulation

- with regard to ecodesign requirements for solid fuel boilers, and
- with regard to the energy labelling of solid fuel boilers and packages of solid fuel boiler, supplementary heater, temperature control and solar device
- ...and a third document, a draft communication from the commission on a transitional test method for solid fuel boilers.

The proposed regulation establishes ecodesign requirements for the placing on the market and/or putting into service of solid fuel boilers with a rated heat output $\leq 1,000$ kW, including those integrated in packages of solid fuel boilers, supplementary heater, temperature control and solar device. The energy labelling regulation gives some more detailed descriptions about the product definition, but also the proposed ecodesign regulation gives a list of products not included in the scope, for example (list not exhaustive) boilers generating heat only for the purpose of providing hot drinking or sanitary water, or boilers for heating and distributing gaseous heat transfer media such as vapour or air, or solid fuel cogeneration boilers with a maximum electrical capacity of 50 kW or above

Local space heaters (Lot 20)

Also for these products, three working documents were sent for comments in late May 2013 - with very much similar structure as the ones for solid fuel, as these also include many products using solid fuels but not included in those deal with in Lot 15. The draft ecodesign regulation establishes ecodesign requirements for the placing on the market and/or putting into service of domestic local space heaters with a nominal heat output equal or below 50 kW and commercial local space heaters with a nominal heat output equal or below 70 kW. Examples of products not included in the scope:

- local space heaters using a vapour compression cycle or sorption cycle for the generation of heat (either driven by electric compressors or fuel);
- local space heaters that are specified for the combustion of non-woody biomass only;
- local space heaters specified for other purposes than indoor space heating to achieve a certain thermal comfort of human beings;
- local space heaters that are specified for outdoor use only

Build Up

Top news on <http://www.buildup.eu/> 18 June 2013

(Extract from summary by Kirsten Engelund Thomsen)

The recast Energy Performance of Buildings Directive (Recast EPBD) states that Member States must ensure that minimum energy performance requirements for buildings are set “with a view to achieve cost-optimal levels”. The cost-optimal level must be calculated in accordance with a comparative methodology.

The Concerted Action EPBD conducted a study on experiences and challenges of setting cost optimal levels for energy performance requirements. The results were used by the European Commission. The report is available at BUILD UP website as EPBD Concerted Action Report on Cost-optimal levels.

Early experiences of cost-optimal calculations and analyses in various Member States show that using the cost-optimal procedure provided awareness about the importance of economic criteria. Results from calculations show that switching to a societal perspective asks for more efficient buildings, though with only small differences when compared with a private investor perspective. The first reports delivered to the European Commission are available at European Commission's pages for energy efficiency and at BUILD UP publications.

Initial results show that, in some Member States, existing requirements are below cost-optimal levels. However, in a number of Member States minimum requirements are already more demanding than the cost-optimal level calculated by the Recast EPBD.

Read more at: <http://www.buildup.eu/communities/costoptimal>

Upcoming events

Aqua-Therm Almaty

3-6 September 2013,
Almaty, Kazakhstan



Welcome to the 5th Kazakhstan Anniversary International Exhibition for Heating, Ventilation Air-Conditioning, Water Supply, Sanitary, Environmental Technology and Swimming Pool. Please visit the exhibition [website](#).

5th International Conference Solar Air-Conditioning, Black Forest

25-27 September 2013, Kurhaus Bad Krozingen, Black Forest, Germany

The conference [programme](#) is on line.

CLIMAMED - Mediterranean Congress of Air Conditioning

3-4 October 2013, Istanbul, Turkey

Deadline for abstract submission is March 8, 2013. For more information, please visit the [website](#)



Aqua-Therm Baku

23-26 October 2013, Baku, Azerbaijan
Aqua-Therm Baku is becoming more and more popular amongst HVAC (heating, ventilation and air conditioning) professionals. [More information](#)



IAQ 2013 Conference

15-18 October 2013, Vancouver, Canada

[More information](#)



Historic and Existing Buildings Conference: designing the retrofit

26-28 February 2014, Rome, Italy

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



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