



MINUTES

TRC meeting

Date and time: 6 December 2016, at 9.00-11.00 CET

WEBEX

Participants:

Anatolijs BORODINECS (AB)
 Murat CAKAN (MC)
 Hywel DAVIES (HD)
 Christian FELDMANN (CF)
 Ian KNIGHT (IK)
 Jarek KURNITSKI (JK) – chair
 Ivo MARTINAC (IM)
 Livio MAZZARELLA (LM)
 Jorma RAILIO (JR)

 Martin THALFELDT (MT)

Secretariat:

Anita Derjanecz (AD)

Distribution:

To core members and corresponding members of the TRC committee
 For information to Board members, Task Force leaders and participants outside the TRC

		PERSON IN CHARGE
ITEMS		
1. Opening	Jarek Kurnitski opened the meeting at 9.15	
2. Agenda and minutes	The TRC approved the Agenda and the Minutes of the TRC meeting held on 30 September 2016.	
3. EU policy	<p>EU-policy related activities: EU clean energy package AD summarised the EPBD proposal published on 30 November, highlighting the changes compared to the leaked version received earlier. (Annex 1) The aim is to develop a REHVA position targeting the European Parliament and eventually Council members during their review process. REHVA plans to organise a meeting / event in the EP inviting the Commission as well. At this stage, minor textual comments are not relevant, REHVA should rather formulate a statement on key issues to be presented to politicians. She</p>	

suggested to focus on the Articles on Inspection and how continuous monitoring /BAC systems are included as a means of alternative measures for inspection (Articles 14/15, and 8).

IK: regarding the **inspection** related articles it is not clear if systems must comply with all 3 points (a-b-c) as described in Articles 14 and 15 (pp 18-19). If yes, it is unclear if it has to be integrated by one system, or more. BIM and BAC systems do not have all these listed capacity recently.

Also, it is questionable how Member States can monitor and demonstrate this compliance. If it is not realistic and overcomplicated that MS will likely simply ignore this alternative option. There's a need for clarification on these points.

JK referred to the email received from Olli Seppanen and suggested to go through his comments, as it is a good basis pointing out relevant issues.

Indoor environment quality and minimum requirements are now mentioned in Annex I, but very briefly and it is not explicit that Member States must define minimum IEQ requirements.

IM: the link between IEQ and continuous monitoring / BAC is missing from the proposal. This should be part of the inspection as Olli wrote.

IK: agrees, the monitoring of IEQ shall be added to the 14/15 articles.

Smartness Indicator

HD: without knowing exactly the details and the scope of the future smartness indicator, he has concerns that this could be yet another means to misrepresent building performance.

JK: since we don't know yet how they will develop this indicator, REHVA shouldn't be too critical and negative on this in this statement. Instead, REHVA can follow the development of this indicator.

AD: confirms that in the technical specification of the tender call there are more details about this indicator, she can check the details. She will also find out who will develop the SI and ensures that REHVA will be involved as stakeholder in the work.

AD asked the participants to send some short ideas about disused key issues: IEQ, inspection and continuous monitoring/BAC, smartness indicator. Based on this inputs she

Ivo Martinac
Ian Knight

	will draft a first position and ay come back to individual experts of there are open questions.	Jare Kurnitski Anita Derjanecz
4. 6. Task Force updates	<p>New TF / topic ideas:</p> <p>NZEB Hospitals idea (Annex 2)</p> <p>JK summarized the idea of the NZEB hospitals from TVVL. They have already a good material from the Netherlands and are inviting other countries. The suggests the TRC to approve this topic and request the PMC to decide whether this should be a printed Guidebook.</p> <p>IM welcomes the excellent proposal, this is a relevant topic, the saving potential in the sector is big.</p> <p>LM mentions that there is and AiCARR TF on hospitals that can be invited to contribute. He asked whether and how the GB will cover the energy efficiency aspect of the energy intensive services, as the high energy demand of hospitals comes from the services, not related to the performance of the building envelope or the technical system.</p> <p>AD stresses that the submitted work plan is missing a business plan as asked in the REHVA guidelines. The TF leaders should give indication in the work plan about the market potential of the guidebook, including some estimations on the marked demand and purchase of supporters or other contributing organisations. AD will contact Wim Massen and Hans Besselink to clarify this point.</p> <p>GB drafts under review:</p> <p>Displacement ventilation</p> <p>Fire safety</p> <p>Building Automation</p> <p>AD summarized that 3 Guidebook drafts are currently under review. Out of which 2 will be printed by the 2017 Annual Meeting, while the Fire safety GB will be ready only in Q3 of 2017.</p> <p>TF updates:</p> <p>JK gave some updates on the Ventilation TF: SWEGON contributed with material in Swedish, Macit Tokosoy added the part on Eco-design requirements, and Martin Thalefeldt is currently translating some parts from Estonian.</p>	Anita Derjanecz Hans Besselink
5. TRC action	REHVA AM2017 – conference topic	

	<p>JK: The MoU is a general framework, there are few concrete actions so far defined. However, the initiative is relevant for REHVA. He expresses his consent and asks the TRC to support the idea. It will be discussed by the REHVA Board then on 12 December.</p> <p>IM supports the signature of the MoU as well.</p> <p>JK will represent the idea at the board meeting on 12 December 2016.</p>	<p>Jarek Kurnitski</p>
<p>7. Next meetings</p>	<ul style="list-style-type: none"> - WebEx beginning of February – to finalise 2016 Activity plan? – AD will send out a doodle poll to define a date in the 1st half of February - AM2017, London, 2/04/2017, CIBSE headquarters 	<p>Anita Derjanecz</p>

Revised Energy Performance of Buildings Directive (EPBD)

The European Commission has published the [revised Energy Performance of Buildings Directive](#) (EPBD) on 30 November 2016. The proposal is different from the leaked version sent to member before. The package containing the EPBD proposal sets renovation targets, minimum performance requirements for existing and new buildings. It furthermore adds provisions on energy performance certificates on inspections. A Staff Working Document linked to the proposal shows best practices of improved energy performance in buildings. New elements of the proposal:

- Incorporation of the provisions on **long-term renovation strategies** (Article 4 of the EED) in the EPBD
- Article 10 is updated to include two **new provisions on EPCs** to assess savings from renovations financed with public support are to be assessed by comparing EPCs **before and after renovation**
- **Binding provisions on inspections of heating and air-conditioning systems** (Articles 14, 15, 16), reinforcing the use of **continuous electronic monitoring and building automation and control** (BAC). The inspections of the H/C systems shall assess also the sizing compared to heating and cooling the requirements
- This means that Article 8 of the leaked version was significantly modified. The binding criteria were deleted, and continuous monitoring and BAC are an alternative option for inspection.
- Annex I is updated to improve transparency and consistency of energy performance definitions at national or regional level and to take into account the importance of the indoor environment
- Commission is empowered to adopt delegated acts on “**smartness indicator**” (Article 23).

The TRC shall prepare a draft position of this final version of the Directive. TRC members are asked to read the whole proposal before the meeting: [revised Energy Performance of Buildings Directive](#).

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Annex 3

Planned schedule of REHVA events at ISH 2017

ISH 2017: 14 - 18 March 2017 - FRANKFURT, Germany

	<u>Time</u>	<u>Event</u>
Wednesday, 15 March 2017	13.00-14.00	eu.bac – REHVA BAC GB launch event
	14.30-17.00	Guided tours to REHVA supporters' booths
	17.00-18.00	ReHVAClub reception for members and supporters
Thursday, 16 March 2017	09:00 - 12:00	Free for expo visit
	TBD	REHVA Ventilation TF meeting (tbd)
	14:00 - 17:00	REHVA seminar on Controlled residential ventilation

***Controlled ventilation in residential buildings
REHVA Seminar - ISH 2017***

Date: Thursday, 16 March, 2017

Venue: ISH Exhibition, Frankfurt

14.00-14.10	Welcome and opening ➤ Stefano Corgnati, REHVA President
14:10-14:25	➤ Keynote: do we need mechanical ventilation in our homes? <i>Stefano Corgnati, REHVA President - tbc</i>
14:25-14:50	➤ The importance of mechanical ventilation in high energy performing residential buildings in Germany. Policy and market overview - TBC <i>VDI - TBC</i>
14:50-15:15	➤ Appropriate design of mechanical heat recovery ventilation systems for residential buildings <i>Jarek Kurnitski, REHVA Vice-President</i>
15:15-15:30	➤ Case study presentation by a REHVA supporter <i>tbc</i>
15.30-15:55	➤ Future trends, advanced control technologies for smart homes <i>Jan Risen, System Development Director SWEGON - tbc</i>
15:55-16:40	PANEL DISCUSSION
16:40-16:50	Closing remarks <i>Jarek Kurnitski, REHVA Vice-President</i>

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Memorandum of understanding between INIVE EEIG and [ZZZ] with respect to venticool related activities

This MoU is agreed between:

- **venticool, operated by INIVE EEIG, Lozenberg 7, BE 1932 Sint Stevens Woluwe, Belgium, represented by Peter Wouters, manager INIVE EEIG, and in the context of this MoU further called “venticool”**
and
- **[organisation], address, represented by xxxx, and in the context of this MoU further called [ZZZ]**

venticool is the international ventilative cooling platform launched in October 2012 to accelerate the uptake of ventilative cooling by raising awareness, sharing experience and steering research and development efforts in the field of ventilative cooling. The platform supports better guidance for the appropriate implementation of ventilative cooling strategies as well as adequate credit for such strategies in building regulations. venticool joins forces with organizations and initiatives with significant experience and/or well identified in the field of ventilation and thermal comfort like AIVC (www.aivc.org), REHVA (www.rehva.eu) and actively supports the Annex 62 on ventilative cooling of the International Energy Agency (IEA).

The purpose of this Memorandum of Understanding (MoU) is to strengthen the relationship between [ZZZ] and venticool, which is operated by INIVE EEIG and to promote substantial and tangible actions to increase the co-operation between the two organizations on airtightness and ventilation issues.

Each Party will bear its own costs and expenses incurred through the performance of this Memorandum of understanding, unless otherwise agreed in writing.

Parties will not hold each other liable for any damages arising from the execution of this Memorandum of understanding.

This Memorandum of understanding covers the period from [date 1 to date 2]. Both Parties may terminate this agreement without cause upon thirty (30) days prior written notice, whereby respecting a correct finalisation of previously agreed specific actions.

[Organisation] and venticool enter into this MoU with the following possible tasks and obligations for both organizations:

Concerning [ZZZ] as an associate partner:

- Refer to venticool and link to www.venticool.eu on its website (homepage or other highly-visited page). [ZZZ] is entitled and even encouraged to communicate on its venticool partnership via any additional means (newsletter, training material, etc.). Note however that venticool may not endorse specific products or systems. [ZZZ] will refrain from actions who could make other understand rightly or wrongly that their products or systems are endorsed by venticool.
- Participate to the venticool Club web meetings if possible, and/or provide written feedback to the Club.
- Promote venticool events and publications through its website and newsletter.

Concerning venticool:

- List [ZZZ] in key communications of venticool.
- Include a link from its website to [ZZZ].
- Examine how to provide visibility (e.g., via venticool website, mailings, etc.) to initiatives led by [ZZZ] upon request.
- List [ZZZ] as contributor of the venticool projects in which it is involved, if applicable.

This contract will be governed by the laws of Belgium.

Brussels XX XX, 20XX

Peter Wouters
On behalf of venticool
Manager of INIVE

Name
[ZZZ]

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