Brussels, Belgium
18-19 March 2013

International Workshop

Securing the quality of ventilation systems in residential buildings: status and perspectives

PROCEEDINGS
International workshop
Securing the quality of ventilation systems in residential buildings: status and perspectives

Programme

First day - Monday 18 March 2013

09.15 - 10.00  Context, challenges and opportunities

• General context - Peter Wouters, INIVE, Belgium  p. 1
• Welcome on behalf on the European Ventilation Industry Association - Stefan Wiesendanger, EVIA  p. 19
• Why we ventilate? - Max Sherman, LNBL, USA  p. 21

10.00 - 11.15  Session 1: Compliance checks and quality guidelines

• The role of standards to improve the quality of ventilation systems - Marc Jardinier, convenor of CEN TC 156 WG2, France  p. 29
• Quality Assurance of ventilation systems in residential buildings is certification and/or (retro-) commissioning the answer? - Jaap Hogeling, ISSO, Netherlands  p. 39
• Detailed analysis of regulatory compliance controls of 1287 dwellings ventilation systems - Romuald Jobert and Gaëlle Guyot, CETE de Lyon, France  p. 41

11.45 - 13.15  Session 2: Quality of ventilation systems in residential buildings – Status and perspectives in various countries

• Status and perspectives in the Netherlands - Kees de Schipper, VLA, the Netherlands  p. 49
• Status and perspectives in the United Kingdom - Alan Gilbert, BSRIA, UK  p. 63
• Status and perspectives in Belgium - Paul Van den Bossche, BBRI, Belgium  p. 73
• Status and perspectives in France - Laure Mouradian, CETIAT, France and Emmanuelle Brière, Uniciima, France  p. 85

14.00 - 15.30  Session 3: Quality of ventilation systems in residential buildings – Status and perspectives in various countries

• Status and perspectives in Sweden - Johnny Andersson, Ramböll, Sweden  p. 93
• Status and perspectives in Estonia - Targo Kalamees, Tallinn University of Technology, Estonia  p. 103
• Status and perspectives in Finland - Pertti Pasanen, University of Kuopio, Finland  p. 113
• Status and perspectives in Norway - Peter Schild, SINTEF, Norway  p. 115
16.00 – 16.20  **Session 4: Quality guidelines**

- Technical guidelines for residential ventilation systems (HealthVent project) - Olli Seppänen, Federation of European HVAC Associations, REHVA  
  p. 127

16.20 – 17.35  **Session 5: Examples of industry initiatives to improve the quality of ventilation systems**

The panellists will give concrete examples of industry initiatives to improve the quality of ventilation systems. This will include aspects related to products, design, installation, commissioning, or maintenance. Claus Haendel as technical secretary of EVIA will moderate this session.

The panellists are from the following companies:
- Lindab Ventilation, Sweden
- Aldes, France
- Renson, Belgium
- Brink, Netherlands
- Helios, Germany

17.35 – 19.00  **Reception (snacks and beverages)**

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**Second day - Tuesday 19 March 2013**

09.00 – 10.30  **Session 6: Quality of ventilation systems in residential buildings – Status and perspectives in various countries**

- Status and perspectives in Germany - Klaus Haendel, Fachverband Gebäude-Klima, Germany  
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- Status and perspectives in Poland  
  p. 145
- Status and perspectives in Romania - Ioan Silviu Dobosi, Dosetimpex, Romania  
  p. 147
- Status and perspectives in the United States - Max Sherman, LBNL, USA  
  p. 157
- Status and perspectives in Canada - Iain MacDonald, NRC, Canada  
  p. 169

10.30 – 10.50  **Session 7: Lessons from field studies**

Outcomes of a field study in the Netherlands - Atze Boerstra, BBA Binnenmilieu BV, the Netherlands  
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11.20 – 12.30  **Session 8: Round table with stakeholders**

In this session, several stakeholders (architects, building owners and managers, contractors, industry) will be invited to share their views and concerns with regard to the quality of ventilation systems.

12.30 – 13.00  **Workshop conclusions**

Highlights of the workshop and perspectives - Arnold Janssens, University of Ghent, Belgium