



INTERNATIONAL WORKSHOP

Trends in national building ventilation markets and drivers for change

Second announcement

Belgium, Ghent,
18-19 March 2008

*An initiative of AIVC, organised by INIVE
EEIG, in collaboration with REHVA and
with the European SAVE ASIEPI and
SAVE BUILDING ADVENT projects.*

DESCRIPTION OF THE WORKSHOP

The aims of the workshop are:

- to inform interested parties (industry, regulators,...) of the latest changes in national building ventilation markets, with an attention not only for IAQ and energy issues, but also on airtightness and assessment of innovative systems issues,
- to identify the drivers for changes,
- to discuss the status in a round table with industry representatives.

The workshop should answer the following kind of questions:

- Which evolutions in the type of requirements and the buildings covered by the regulation? Are there requirements in terms of ventilation for achieving good indoor air quality, in terms of controls, in terms of stimulating the reduction of the energy consumption, regarding building and/or ductwork airtightness, night time ventilation for passive cooling, thermal/acoustical comfort linked to ventilation? Are there specific requirements regarding buildings without or with major renovation and about ventilation systems for low energy buildings (passive)?
- What are experiences with compliances? What about the quality of the ventilation systems on their real life? Are they well installed and do they receive adequate maintenance? Is the information and training of installers and maintenance companies OK?
- What are the major trends in the type of systems used? For instance, what about eco-design of ventilation components?
- Is there a framework for the assessment of the energy performance of innovative ventilation systems in the context of energy performance regulations?

In addition to the workshop proceedings and to the round table, **the expected outcome of the workshop are:**

- an international overview of the four issues mentioned here above, described in country status reports to be published by AIVC after the workshop,
- a synthesis of the national situations, discussed in synthesis information papers to be published after the workshop by www.buildingsplatform.eu.

TARGET AUDIENCE

The target audience of the workshop includes industry representatives, policy makers, researchers, consultants and designers.

VENUE OF THE WORKSHOP

The workshop will take place in Ghent, a historic Belgian city located 50 km away from Brussels at the Hotel Novotel Gent Centrum. (1 hour train from Brussels Airport)

Goudenleeuwplein 5, 9000 Gent, Belgium

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email: H0840@accor.com

Website: www.novotel.com

LANGUAGE

The workshop will be held in English. No translation is foreseen.

FEE

The workshop fee is 400 €, excluding VAT (21%) This fee includes participation to the workshop, documentation, coffee breaks, lunches and walking dinner through historic Ghent.

REGISTRATION

Participants should enrol by returning the registration form available on www.aivc.org and pay the registration fee before March 7, 2008.

SECRETARIAT

For any information and for registration, please contact Stéphane Degauquier at:

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PROGRAM DAY 1 - Tuesday, March 18

8:30	Registration	
9:00	Opening of the workshop and welcome	<i>Peter Wouters (INIVE)</i>
	Presentation of IEE SAVE ASIEPI	<i>D. Van Orshoven (INIVE)</i>
	Presentation of IEE SAVE BUILDING ADVENT	<i>A. Cripps (Buro Happold)</i>
9:40	Presentations of national situations and discussions	<i>M. Santamouris</i>
	- Denmark	<i>P. Heiselberg (Aalborg University)</i>
	- Finland	<i>J. Kurnitski (Helsinki Un. of Technology)</i>
	- Norway	<i>M. Eriksson (Norwegian Ventilation Contractors)</i>
11:10	Break	
11:30	Presentations of national situations and discussions	<i>Chairman: M. Sherman</i>
	- USA	<i>M. Sherman (LBNL)</i>
	- Brazil	<i>P. Lamberts (Un. Of Santa Caterina)</i>
	- Portugal	<i>E. Maldonado (FEUP)</i>
	- Canada	<i>To be confirmed</i>
13:00	Lunch	
14:00	Presentations of national situations and discussions	<i>Chairman: A. Cripps</i>
	- Korea	<i>Y. Lee (KICT)</i>
	- Japan	<i>T. Sawachi (NILIM)</i>
	- UK	<i>M. Kolokotroni (Brunel University)</i>
15:30	Break	
16:00	Presentations of national situations and discussions	<i>Chairman: J.R. Millet</i>
	- Netherlands	<i>W. De Gids (TNO)</i>
	- France	<i>F. Durier (CETIAT)</i>
	- Germany	<i>H. Erhorn (Fraunhofer-IBP)</i>
	- Poland	<i>J. Sowa (Warsaw Univ. of technology)</i>
18:00	End of the first day	
19:00	Walking dinner in Ghent	

About AIVC, INIVE and REHVA

The **AIVC** (Air Infiltration and Ventilation Centre - www.aivc.org) is the official information Centre of the IEA (International Energy Agency) for ventilation and Air Infiltration in Buildings. Inaugurated in 1979, it offers a wide range of services, including publications, an annual conference and a newsletter.

INIVE EEIG (www.inive.org) is the International Network for Information on Ventilation and Energy Performance and is composed of leading organisations in the building sector (BBRI, CETIAT, CSTB, ENTPE, Fraunhofer-IBP, SINTEF, NKUA, TNO, USACE). It has multiple aims including the collection and transfer of relevant information in the area of indoor climate, ventilation, energy efficiency and building energy-performance regulations.

REHVA (www.rehva.com) is the Federation of European Heating, Ventilating and Air-conditioning Associations. Its first goals are to connect European Professionals in the area of Building Engineering Services and to develop and disseminate economical, energy efficient and healthy technology for mechanical services of buildings

PROGRAM DAY 2 - Wednesday, March 19

9:00	Presentations of national situations and discussions	<i>Chairman: T. Sawachi</i>
	- Belgium	<i>N. Heijmans (BBRI)</i>
	- Czech Republic	<i>P. Charvat (Brno University of Technology)</i>
	- Greece	<i>M. Santamouris (NKUA)</i>
	History of airtightness measurement and development in construction: documented by 10 years of BlowerDoor conferences on building airtightness	<i>B. Rosenthal (E-U-Z)</i>
10:30	Break	
11:00	Round table with industry representatives	<i>Moderators: O. Seppanen, W. De Gids</i>
12:00	Synthesis and discussion on national trends	
	- energy issues	<i>Chairmen: E. Maldonado, P. Wouters</i>
13:00	Lunch	
14:00	Synthesis and discussion on national trends	
	- IAQ issues	<i>Chairmen: M. Sherman, M. Liddament</i>
	- airtightness issues	<i>Chairmen: R. Carrié, B. Rosenthal</i>
	- innovative systems issues	<i>Chairmen: P. Heiselberg, N. Heijmans</i>
16:15	Conclusions and next steps	<i>P. Wouters</i>
16:30	End of the workshop	

About ASIEPI and BUILDING ADVENT

The main goal of **ASIEPI** (www.asiepi.eu) is to provide support to MS and the EC on various aspects that may present potential problems. How to compare the energy performance requirements across Europe? The actual impact of the EPBD? Control and compliance? How to effectively handle thermal bridges? How to stimulate good building and duct airtightness? How to assess innovative systems? How to stimulate good summer comfort conditions?

The **Building AdVent** (www.buildingadvent.com) project will disseminate information to designers on 18 non-domestic buildings that are examples of successfully implemented low energy ventilation systems. This project will greatly contribute to the use of low energy systems by disseminating information on actual buildings that incorporate low energy techniques, thereby helping to overcome a general lack of knowledge and confidence amongst engineers and architects.

SPONSORS

The workshop is organised with the financial support of VENTIBEL (www.ventibel.be), RENSON (www.renson.eu), AERECO (www.aereco.com), DAIKIN (www.daikin.com), BRINK (www.brinkclimatesystems.nl), J.E.STORKAIR (www.jestorkair.nl) and ALUSTA/BERGSCHENHOEK (www.alusta.com).

If you want to sponsor this event, please contact the workshop secretariat.