Ventilative cooling and summer comfort: Freevent project in France

Wednesday 25 April 2018

10:30-12:00 (Brussels, BE)

09:30-11:00 (London, UK)

11:30-13:00 (Athens, GR)

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Ventilative cooling reduces overheating, improves summer comfort and decreases cooling loads. It is therefore one of the most efficient ways to improve summer comfort. Conditions on site, thermal inertia, solar control and other constraints have an impact on the choice of the system and its design. The overall performance is linked to good sizing, design, correct usage of thermal storage, and last but not least a correct control, commissioning and maintenance.

FREEVENT is a French multi-partner project (ALLIE'AIR, ALDES, EGE, ACA-O and APEBAT) on ventilative cooling, financed by ADEME. The project includes a bibliography study, monitoring activities on various

The principal objective of this webinar is to present this project and to give information and recommendations on designing these systems and assessing their performance.

This webinar is jointly organised by the FREEVENT project and venticool (www.venticool.eu) in cooperation with the Air Infiltration and Ventilation Centre (www.aivc.org). The webinar is hosted by INIVE (www.inive.org).

Programme (Brussels time)

10:30	**INTRODUCTION:** Peter Wouters, INIVE, Belgium	11:20	**Questions and answers**
10:40	**ASSESSMENT OF THERMAL AND COMFORT PERFORMANCE** Andres Litvak, Apebat, France	11:30	**GUIDELINES TO ACHIEVE AN EFFECTIVE VENTILATIVE COOLING** Nicolas Piot, EGE, France
10:55	**Questions and answers**	11:45	**Questions and answers**
11:05	**ON SITE MEASUREMENTS AND FEEDBACK** Anne Marie Bernard, Allie'Air, France	12:00	**End of the webinar**

Cost and registration
Participation to the webinar is free, but requires you to register for the event. The webinar will be limited to a maximum of 200 persons. To register, please click on the "Register now" button above or visit inive.webex.com.

What is a webinar?
A webinar is a conference broadcasted on internet. To follow a webinar you must have a computer with a sound card and speakers or headphones. Once logged in the "conference room", you will be able to see the slides of the presentation and to hear the panellists' comments. You will also be able to ask written questions to the speakers, and to answer on-line surveys.

Hardware, software
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About FREEVENT
FREEVENT is a multi-partner (ALLIE'AIR, ALDES, EGE, ACA-O and APEBAT) project in FRANCE, financed by ADEME, on ventilative cooling. The project includes a bibliography study, controls and measurements on various installed sites and recommendations guidelines for designers.

About venticool
venticool (venticool.eu) 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. The platform philosophy is pull resources together and to avoid duplicating efforts to maximize the impact of existing and new initiatives.
venticool has been initiated by INIVE EEIG (International Network for Information on Ventilation and Energy Performance) with the financial and/or technical support of the following partners: Agoria-NAVENTA, Velux, Wienerberger, WindowMaster, CIBSE nvg, the Covenant of Mayors for Climate & Energy and REHVA.

About AIVC
Created in 1979, the Air Infiltration and Ventilation Centre (www.aivc.org) is one of the projects/annexes running under the International Energy Agency's Energy in Buildings and Communities Programme. With the support of its member countries as well as key experts and two associations (REHVA, IBPSA, ISIAQ), the AIVC offers industry and research organisations technical support aimed at better understanding the ventilation challenges and optimising energy efficient ventilation.
The AIVC activities are supported by the following countries: Belgium, China, Denmark, France, Italy, Japan, Netherlands, New Zealand, Norway, Republic of Korea, Spain, Sweden, UK and USA.

About INIVE
INIVE EEIG (International Network for Information on Ventilation and Energy Performance) was created in 2001 as a so-called European Economic Interest Grouping. The main reason for founding INIVE was to set up a worldwide acting network of excellence in knowledge gathering and dissemination. At present, INIVE has 9 member organisations (BBRI, CETIAT, CSTB, eERG, IBP-Fraunhofer, SINTEF, NKUA, TMT US and TNO) (www.inive.org)
INIVE is coordinating and/or facilitating various international projects, e.g. the AIVC, TightVent Europe (www.tightvent.eu), venticool and Dynastee (www.dynastee.info). INIVE has also coordinated the ASIEPI project (https://ec.europa.eu/energy/intelligent/projects/en/projects/asiepi 01/10/2007 - 31/03/2010) dealing with the evaluation of the implementation and impact of the EU Energy Performance of Buildings Directive, the QUALICHeCK project and platform (http://qualicheck-platform.eu/) aiming towards improved compliance and quality of the works for better performing buildings as well as BUILD UP the European portal on Energy Efficiency (www.buildup.eu).