Assessing ventilative cooling potential in Energy Performance regulations

Status and perspectives in Austria, Denmark, France

Tuesday 08 December 2015

10:00-11:30 (Brussels, BE)

09:00-10:30 (London, UK)
11:00-12:30 (Athens, GR)

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Ventilative cooling –i.e., the use of natural or mechanical ventilation strategies to cool indoor spaces– can be very effective to reduce the cooling energy demand in buildings in summer or mid-season conditions.

The principal objective of this webinar series is to give the status, needs, and perspectives on developments to consider ventilative cooling in energy performance assessment methods in several countries.

This first webinar will focus on the developments in Austria, Denmark and France.

This webinar is jointly organised by the IEA project on ventilative cooling "EBC IEA Annex 62" and venticool (www.venticool.eu) in cooperation with the Air Infiltration and Ventilation Centre (www.aivc.org) and the QUALICHeCK consortium (www.qualicheck-platform.eu). The webinar is hosted by INIVE (www.inive.org)

Programme (Brussels time)

10:00 **WELCOME**
Per Heiselberg, University of Aalborg, Denmark

10:15 **VENTILATIVE COOLING IN THE DANISH REGULATION**
Per Heiselberg, University of Aalborg, Denmark

10:30 **Questions and answers**

10:40 **VENTILATIVE COOLING IN THE AUSTRIAN REGULATION**
Peter Holzer, Building Research and Innovation, Austria

10:55 **Questions & Answers**

11:05 **VENTILATIVE COOLING IN THE FRENCH REGULATION**
Charles Pelé, CSTB, France

11:20 **Questions & Answers**
11:30 **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.

Organised in cooperation with:

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 IEA EBC Annex 62
The Executive Committee of the International Energy Agency Energy in Buildings and Communities programme (IEA EBC) approved the IEA EBC Annex 62 on Ventilative Cooling (http://venticool.eu/annex-62-home/) in November 2013. This annex has a four year working and reporting phase from 2014 – 2017. The annex focuses on the development of design methods and compliance tools related to predicting, evaluating and eliminating the cooling need and the risk of overheating in buildings as well as new attractive energy efficient ventilative cooling solutions.

About venticool
The international ventilative cooling platform, venticool (http://venticool.eu/) 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 to pull resources together and to avoid duplicating efforts to maximise the impact of existing and new initiatives. venticool has been initiated by the International Network for Information on Ventilation and Energy Performance (INIVE EEIG) with the financial and/or technical support of the following partners: Agoria-NAVENTA, ES-SO, Velux, Wienerberger and WindowMaster.

About AIVC
Created in 1979, the Air Infiltration and Ventilation Centre (www.aivc.org) is one of the projects/annexes running under the Energy Conservation in Buildings and Community Systems implementing agreement, within the context of the International Energy Agency. 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, Czech Republic, Denmark, Finland, France, Germany, Greece, Italy, Japan, Netherlands, New Zealand, Norway, Poland, Republic of Korea, Spain, Sweden, UK and USA.

About QUALICHeCK
The QUALICHeCK project and platform (http://qualicheck-platform.eu/) respond to the challenges related to compliance of Energy Performance Certificate (EPC) declarations and the quality of the building works by identifying issues in respect to existing procedures; highlighting best practices, including effective compliance frameworks; raising awareness and engaging relevant stakeholders. QUALICHeCK focuses mainly on 9 countries (Austria, Belgium, Cyprus, Estonia, France, Greece, Romania, Spain and Sweden), 4 technology areas (transmission characteristics, ventilation and airtightness, sustainable summer comfort technologies, and renewables in multi-energy systems), innovation and the residential sector.

About INIVE
INIVE EEIG (**I**nternational **N**etwork for **I**nformation on **V**entilation and **E**nergy **P**erformance) 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 10 member organisations (BBRI, CETIAT, CSTB, eERG, ENTPE, IBP-Fraunhofer, SINTEF, NKUA, TMT US and TNO) (www.inive.org). INIVE is coordinating and/or facilitating various international projects, e.g. the AIVC, the European portal on Energy Efficiency (www.buildup.eu), 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.