

# Dumb buildings with smart users?

## Linking building performance & human well being

**Tuesday, November 15<sup>th</sup>, 2022**

15:30-17:00 (Brussels, BE)

14:30-16:00 (London, UK)

16:30-18:00 (Athens, GR)

09:30-11:00 (New York, US)

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**FREE** – Participation to the Webinar is free

**Registration is required:** A link to join the webinar will be included in the email confirmation

The transition to climate neutrality has a large impact on the job of building and HVAC designers, manufacturers, installers, investors, etc. Renovating our building stock to make it more energy efficient is a huge task. Both research and practice prove that users have an important impact on this performance. Human-building interactions, like window opening, thermostat and solar shading usage, affect the performance of the building and HVAC systems. However, achieving climate neutrality is not only about the performance of (dumb) buildings, but also about promoting comfort and wellbeing of (smart) users.

This webinar wants to link building performance to human wellbeing. We will introduce you into cognitive buildings, let you rethink comfort and show how you can include user satisfaction.

This series of webinars is organized by [INIVE](#) with the support of the international [Active House Alliance](#), and the [venticool platform](#), and in cooperation with the [Air Infiltration and Ventilation Centre](#).

### Programme (Brussels time)

<b>15:30</b>	<b>Welcome &amp; Introduction to venticool/AIVC - Active House</b> Hilde Breesch, KU Leuven/venticool, BE & Yves Lambert, Renson/Active House Alliance, BE	<b>16:10</b>	<b>An occupant voting system for continuous feedback</b> Donya Sheikh Khan, Ramboll, DK
<b>15:40</b>	<b>Rethinking comfort within human-building resilience</b> Marcel Schweiker, Universitätsklinikum Aachen, DE	<b>16:25</b>	<b>Active House Comfort score</b> Bas Hasselaar, DGMR, NL
<b>15:55</b>	<b>Cognitive buildings &amp; active houses</b> Marco Imperadori, Politecnico di Milano, IT	<b>16:40</b>	Questions and answers
		<b>16:50</b>	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 1000 persons. To register, please click on the "Register now" button above.

### **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**

Our webinars are powered by WebEx Event Center. The only thing you need is a computer with a sound card and speakers. Before you can log in the "conference room", WebEx will install the required application. If you are not a WebEx user, please visit: [https://help.webex.com/en-us/article/kwmj5eb/Join-a-Cisco-Webex-Event-\(Classic\)](https://help.webex.com/en-us/article/kwmj5eb/Join-a-Cisco-Webex-Event-(Classic)) to check the system requirements and join a test meeting. Please also join the event at least 15 minutes in advance.

### **About the Active House Alliance**

The international Active House Alliance (<https://www.activehouse.info/>) is a partner platform between public, private, industry and consumers – an example of the Sustainable Development Goal #17. The Alliance is made up of: Academia & Knowledge institutions, Designers & Planners, Developers & Builders, Building Industry Producers, who think alike on how sustainable buildings work, are created and delivered. The partners are working with a holistic view of sustainable buildings, based on the three guiding principles: comfort, energy and the environment. An Active House is a building that offers a healthier and comfortable indoor climate for the occupants without negative impact on the climate – measured in terms of energy, fresh water consumption and the use of sustainable materials. This is a holistic approach to building design that has been adopted in the construction industry and amongst planners and designers.

### **About venticool**

The platform for resilient ventilative cooling, venticool (<http://venticool.eu/>) supports better guidance for the appropriate implementation of resilient 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, Reyaners Aluminum, Velux and WindowMaster.

### **About AIVC**

Created in 1979, the Air Infiltration and Ventilation Centre ([www.aivc.org](http://www.aivc.org)) is one of the projects/annexes running under the International Energy Agency's Energy in Buildings and Communities (IEA-EBC) 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: Australia, Belgium, China, Denmark, France, Greece, Italy, Ireland, Japan, Netherlands, New Zealand, Norway, Republic of Korea, Spain, Sweden, UK and USA.

### **About INIVE**

INIVE (International Network for Information on Ventilation and Energy Performance) was created in 2001. 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 as member organisations BBRI, CETIAT, CSTB, eERG, Ghent University, IBP-Fraunhofer, KU Leuven, NKUA, SINTEF, and TNO ([www.inive.org](http://www.inive.org))

INIVE is coordinating and/or facilitating various international projects, e.g. AIVC ([www.aivc.org](http://www.aivc.org)), TightVent Europe ([www.tightvent.eu](http://www.tightvent.eu)), venticool and Dynastee ([www.dynastee.info](http://www.dynastee.info)). INIVE has also coordinated the ASIEPI project dealing with the evaluation of the implementation and impact of the EU Energy Performance of Buildings Directive, the QUALICHeCK project aiming towards improved compliance and quality of the works for better performing buildings, BUILD UP the European portal on Energy Efficiency and the EPBD feasibility study 19a.

