

Inspection of ventilation systems in non-residential buildings

Thursday 5 June 2025

13:30-15:00 (Brussels, BE)

12:30-14:00 (London, UK)

14:30-16:00 (Athens, GR)

07:30-09:00 (New York, USA)

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The inspection of ventilation systems in non-residential buildings is a growing priority across Europe, driven by the need for better energy efficiency and indoor air quality. Inspection protocols can be challenging to develop as, unlike for residential buildings, a wide range of building types and use has to be covered. Moreover, inspection protocols vary significantly between countries due to different national policies and building practices. In Sweden the inspection is mandatory for all buildings whereas in France and in Flanders (Belgium) it is mandatory only for residential buildings.

The new European Performance of Buildings Directive (EPBD) now asks member states to require regular inspection of ventilation systems in large buildings (every 3 or 5 years). Various standards (EN 16798-17, EN 12599 and EN 16211) provide a framework for ventilation system inspections but they could still be improved to better cover demand-control ventilation.

This webinar will present the inspection of ventilation systems in non-residential buildings in France, Belgium, and Sweden, and discuss how international regulations are shaping these practices. The goal is to offer a clear overview of current approaches and foster a better understanding of global trends in ventilation system inspections.

This webinar is organised with the support of the AIVC (www.aivc.org) and TightVent Europe (www.tightvent.eu). Both initiatives are facilitated by INIVE (www.inive.org).

Programme (Brussels time)

- ❖ 13:30 | Inspection of ventilation systems in the new EPBD and in existing EU standards, *Valérie Leprince (Cerema, France)*
- ❖ 13:40 | Questions and answers
- ❖ 13:50 | Obligatory Ventilation Control in Sweden since 1991, *Dennis Andersson (FunkiS, Sweden)*
- ❖ 14:05 | Questions and answers
- ❖ 14:15 | Experiences with existing inspection schemes in Belgium, *Maarten De Strycker (BCCA, Belgium)*
- ❖ 14:30 | Questions and answers
- ❖ 14:40 | PromevenTertiaire: the new French protocol for the inspection of ventilation systems in non-residential buildings, *Ariane Lesage (Cerema, France)*
- ❖ 14:50 | Questions and answers
- ❖ 15:00 | End of 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 "webinar 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 TightVent

TightVent Europe (www.tightvent.eu) aims at facilitating exchanges and progress on building and ductwork airtightness issues, including the organisation of conferences and workshops. It fosters experience sharing as well as knowledge production and dissemination on practical issues such as specifications, design, execution, control, etc., taking advantage of the lessons learnt from pioneering work while keeping in mind the need for adequate ventilation.

TightVent Europe has been initiated by INIVE (International Network for Information on Ventilation and Energy Performance) with at present the financial and/or technical support of the following partners: Lindab, Retrotec, Acin Instrumenten, BCCA, BlowerDoor GmbH, dooApp, Build Test Solutions, Eurima, Gonal, SIGA and BPIE.

About AIVC

Created in 1979, the Air Infiltration and Ventilation Centre 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 various associations (REHVA, IBPSA, ISIAQ), the AIVC offers industry and research organisations technical support aimed at better understanding the ventilation challenges and optimizing energy efficient ventilation.

The AIVC activities are supported by the following countries: Australia, Belgium, Canada, Denmark, France, 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 organizations Buildwise, Cerema, CETIAT, Ghent University, IBP-Fraunhofer, KU Leuven.

INIVE is coordinating and/or facilitating various international projects, e.g. AIVC (www.aivc.org), TightVent Europe (www.tightvent.eu), venticool (<https://venticool.eu/>) and Dynastee (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.