

Building and ductwork airtightness trends and regulations in France, Belgium and Greece

Thursday 4th May 2023

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

9:00-10:30 (London, UK)

11:00-12:30 (Athens, GR)

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Significant discrepancies have been observed among European countries, regarding the building and ductwork airtightness trends, attributed to differences between national policies, building practices and climate conditions. Minimum requirements for building airtightness are sometimes included in national Energy Performance regulations with a mandatory justification required by testing or applying a certified approach like in France, or with high default values making airtightness testing implicitly mandatory like in Belgium. On the other hand, other countries like Greece have no requirement on building airtightness and very few tests are performed to control it. Regarding ductwork airtightness, even if the significant impact of leaky ventilation ductworks on energy use and IAQ has been well established in the literature, the awareness on this issue is raising slowly.

A series of Ventilation Information Papers (VIPs) is being developed and published by the AIVC to present national trends and regulation on building and ductwork airtightness. The aim of this webinar is to present the current situation in three European countries based on these papers: [France](#), [Belgium](#) and Greece.

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

Programme (Brussels time)

10:00 **INTRODUCTION: PRESENTATION OF THE SERIES OF AIVC VIPs ON BUILDING AND DUCTWORK AIRTIGHTNESS REGULATIONS**

Nolwenn Hurel, INIVE, France

10:05 **BUILDING AND DUCTWORK AIRTIGHTNESS IN FRANCE: NATIONAL TRENDS AND REQUIREMENTS**

Bassam Moujalled & Adeline Mélois (Cerema / LOCIE, France)

10:20 **Questions and answers**

10:30 **BUILDING AND DUCTWORK AIRTIGHTNESS IN BELGIUM: NATIONAL TRENDS AND REQUIREMENTS**

Liesje Van Gelder (BCCA, Belgium)

10:45 **Questions and answers**

10:55 **BUILDING AND DUCTWORK AIRTIGHTNESS IN GREECE: NATIONAL TRENDS AND REQUIREMENTS**

Theodoros Sotirios Tountas (F.U.V., Greece)

11:10 **Questions and 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 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, MEZ-TECHNIK, Retrotec, Acin Instrumenten, BCCA, BlowerDoor GmbH, dooApp, Soudal, Eurima, Gonal, SIGA and BPIE.

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 (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 Buildwise, 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.