

# Air Infiltration and Ventilation Centre

## ANNEX 5

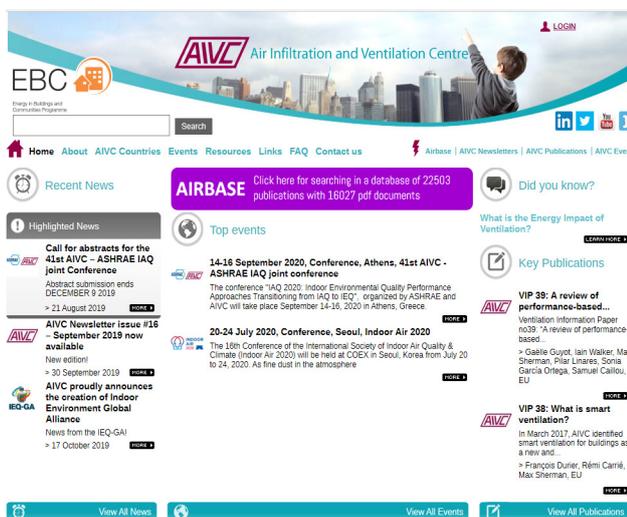
The primary objective of the EBC information centre, 'Air Infiltration and Ventilation Centre' (AIVC), is to be the international centre on research and development in the fields of air infiltration and ventilation. Thus, the specific objective is to provide a high quality international technical and information forum covering the areas of ventilation and air infiltration in the built environment with respect to efficient energy use, good indoor air quality and thermal comfort. The mission of the AIVC is to be the reference portal for information on ventilation in buildings to improve the wellbeing of people through development and dissemination of ventilation knowledge.

A key ambition of the AIVC is to convene integrated and combined activities (called 'projects'), resulting in different information tools, for example webinars, workshops, position papers, technical papers, and so on. These are supported by a review process and result in an increased information dissemination impact. The projects initiated since 2011 are:

- Quality of methods for measuring ventilation and infiltration in buildings
- Competent tester schemes for building airtightness testing
- Ventilation and health
- Improving the quality of residential ventilation systems
- Ventilative cooling – use of natural or mechanical ventilation strategies to cool indoor spaces, resulting in the launch of EBC Annex 62
- Testing, reporting and quality schemes for building airtightness
- Philosophy for setting building airtightness requirements
- Development and applications of building air leakage databases.

### PRODUCTS

- Ventilation Information Papers (VIPs), technical notes and contributed reports
- Publications database AIRBASE
- Annual Conference
- Workshops
- AIVC Website – a reference portal for ventilation related issues
- AIR Newsletter (Air Information Review)



The AIVC website

## INTERNATIONAL ENERGY AGENCY

The International Energy Agency (IEA) was established as an autonomous body within the Organisation for Economic Co-operation and Development (OECD) in 1974, with the purpose of strengthening co-operation in the vital area of energy policy. As one element of this programme, member countries take part in various energy research, development and demonstration activities. The Energy in Buildings and Communities Programme has co-ordinated various research projects associated with energy prediction, monitoring and energy efficiency measures in both new and existing buildings. The results have provided much valuable information about the state of the art of building analysis and have led to further IEA co-ordinated research.

## EBC VISION

By 2030, near-zero primary energy use and carbon dioxide emissions solutions have been adopted in new buildings and communities, and a wide range of reliable technical solutions have been made available for the existing building stock.

## EBC MISSION

To accelerate the transformation of the built environment towards more energy efficient and sustainable buildings and communities, by the development and dissemination of knowledge and technologies through international collaborative research and innovation.



AIVC Ventilation Information Paper

## Project duration

Ongoing (1979 to present)

## Operating Agent

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## Participating countries

Australia, Belgium, P.R. China, Denmark, France, Ireland, Italy, Japan, the Netherlands, New Zealand, Norway, R. Korea, Spain, Sweden, UK, USA  
Observers: Greece

## Further information

www.aivc.org  
www.iea-ebc.org