

21-22 April 2026, Workshop, Madrid,
"Climate Change, Ventilation and Resilience"

Overview of AIVC, TightVent and Venticool

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Operating Agents AIVC - INIVE



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Welcome on behalf of AIVC (1979 - ...)
the International Energy Agency's information
centre on energy efficient ventilation



Australia



Belgium



Canada



Denmark



France



Ireland



Italy



Japan



Netherlands



New Zealand



Norway



Republic of Korea



Spain



Greece



United Kingdom

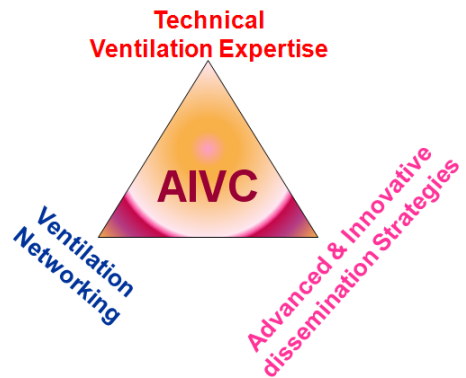


United States of
America

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Some history

- 1970's: Limited interest and almost no knowledge on ventilation, air infiltration and indoor air quality in most countries
- Few countries were ahead: Sweden, Canada, Netherlands, ...
- Concerns about infiltration and ventilation after first energy crisis.
- AIC (Air Infiltration Centre) **was created in 1979** as IEA-EBC Annex 5
- 1986: AIC became **AIVC 'Air Infiltration and Ventilation Centre'**



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Today

The screenshot shows the AIVC website homepage. At the top is a navigation bar with links for 'About', 'Events', 'Resources', 'Focus Fields & Projects', and 'Contact & join'. Below the navigation is a large banner for the 'AIVC 2025 Workshop – Indoor Environmental Quality in Sustainable Buildings' held from 1-2 April 2025 in Stuttgart. The main content area is divided into four columns: 'Publications' with a list of recent papers, 'Events' with upcoming conferences, 'AIRBASE' for searching publications, and 'Newsletters' with a subscription form. The website footer includes the URL www.aivc.org.

- The **vision** of AIVC is to be the world's primary information centre on energy efficient ventilation for good indoor air quality in buildings.
- The **mission** of AIVC is to advance the worldwide knowledge and practice of energy efficient ventilation and air infiltration control of buildings, in close collaboration with other leading organisations.



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Focus fields and projects



Smart Ventilation



Resilient
Ventilative Cooling



Building and ductwork
airtightness



Indoor Environmental
Quality

AIVC activities are structured around projects to collect and disseminate knowledge, integrating activities and products such as publications, webinars, workshops etc.



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HOME > EVENTS

Events

Conferences

Workshops

Webinars

- **Annual conferences** in collaboration with TightVent and venticool platforms
- **Annual workshops** in collaboration with local hosts on themes of local interest
- **Webinars** presenting results of projects, publications and collaborations

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AIVC Conference 2026



46th AIVC - 14th TightVent & 12th venticool Conference

Innovations in Smart Ventilation and IEQ for Resilient and Adaptive Buildings

SEPTEMBER 30-OCTOBER 1, 2026

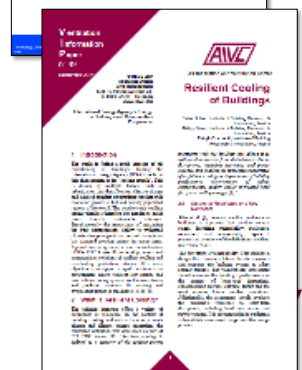
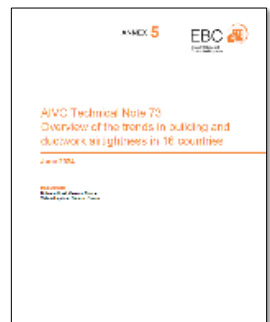
Songdo International District, Incheon, Republic of Korea

CALL FOR PAPERS & PROPOSALS NOW OPEN !!

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Publications and webinars: examples

- TN 68: Residential Ventilation and Health
- TN 73: Overview of the trends in building and ductwork airtightness in 16 countries
- VIP 38: What is smart ventilation?
- VIP 49: Resilient Cooling of Buildings
- Webinars:
 - Emerging risks of indoor mould: assessment methods, in-situ measurements and predictive modelling (Sep 25)
 - Comparing ventilation trends in southern Europe: Italy, France & Spain (Oct 25)
 - Improving indoor air quality in schools (Dec 25)



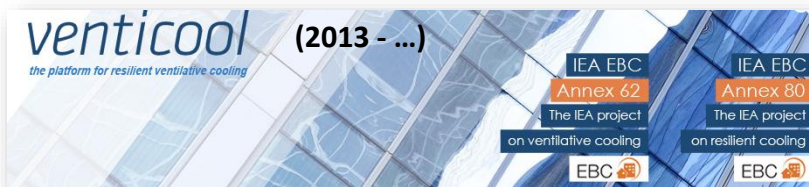
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Spain and AIVC

- AIVC member country since 2014
- Host of 36th AIVC Conference, Madrid, 2015
 - Effective ventilation in high-performance buildings
- Host of AIVC workshop, Madrid, 2026
 - Climate Change, Ventilation and Resilience

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2 other related platforms managed by INIVE



Both platforms have a strong market oriented approach with active involvement of industry and practitioners



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More focusing on knowledge generation aspects



More focusing on awareness raising and market implementation



...Building and ductwork airtightness...

...Resilient ventilative cooling...

venticool

Programme, Workshop, Madrid, "Climate Change, Ventilation and Resilience"

• Sessions on April 21:

- IEQ Policy
- Indoor Environmental Health (Lunch)
- Sustainable cooling in cities
- Assessment of IAQ in naturally ventilated dwellings
- Assessing ventilation performance

• Sessions on April 22:

- Ventilation systems and climate resilience
- Personalised environmental control systems (PECS) (Lunch)

Thank you!

- Speakers
- Eduardo Torroja Institute for Construction Science
- venticool
- Sponsors: Airelimpio, Aldes, Renson, Siber, Solar&Palau

- You: the audience!