

Conference Organizers



AIVC 2026

46th AIVC – 14th TightVent – 12th venticool Conference

Innovations in Smart Ventilation and IEQ for Resilient and Adaptive Buildings

DATE : SEP. 30 – OCT. 1, 2026

PLACE : Incheon, Korea



INCHEON
KOREA

Conference Sponsor and Exhibitor Information

Supporting Organizers



Contact



www.aivc2026conference.org



aivc2026conference@gmail.com





Conference Scope

In a world striving to achieve carbon neutrality by 2050, it is imperative to strike a balance that sustains both our environment as well as the health and comfort of the individuals' inhabiting buildings. Considering that 90% of the current buildings are projected to remain in the year 2050, retrofitting the existing building stock is paramount to reaching decarbonization goals.

From the perspective of climate goals, reducing energy use in the built environment via energy retrofit and climate neutral newly constructed buildings are critical. However, it is crucial to prioritize indoor environmental quality when reducing energy usage to meet climate targets. Well-designed and executed retrofits are needed to reduce carbon emissions while ensuring healthy indoor environments. Building retrofit professionals, energy conservation experts, ventilation system designers & installers, and indoor air quality specialists must collaborate on innovative solutions to achieve these multifaceted objectives. AIVC 2026 will serve as a multidisciplinary platform to address the emerging challenges by exchanging cutting-edge ideas, research findings, policies and industrial experiences.

The conference organizers invite contributions centred around the pivotal role of ventilation, airtight building and ductwork designs, and ventilative cooling solutions in enhancing Indoor Environmental Quality (IEQ) and overall health in existing buildings. Case studies demonstrating innovative solutions are also welcome.

Conference Concept

The conference will consist of 3 parallel sessions largely devoted to:

- Smart ventilation, Indoor Air Quality and health
- Building and ductwork airtightness
- Ventilative cooling – Resilient cooling

The conference will consist of a mixture of invited presentations and presentations in response to a call for papers, organized in structured sessions focused on the conference topics. Some sessions will consist of presentations from the call for papers only, while other sessions will be topical sessions with presentations proposed by a session organizer or by the organizing committee. The conference is combined with an exhibition by industry partners.



Conference Topics

Smart ventilation and IEQ (Indoor environmental quality)

- Sensor-based real-time IAQ monitoring and control systems
- Integration of ventilation with smart building management systems (BMS)
- Whole-building energy modeling to evaluate IEQ strategies
- Application of innovative materials for smart ventilation and IEQ enhancement
- Occupant-responsive ventilation strategies
- Innovative HVAC systems for enhanced energy efficiency and reduced environmental impact
- Impact of smart ventilation on health, comfort, and productivity
- Inspection, monitoring, maintenance, reliability and durability of ventilation systems
- Standards, policies and legislation

Building and ductwork airtightness

- Measurement techniques for building and ductwork airtightness
- Innovative sealing materials and construction practices
- Effects of air leakage on HVAC performance and energy use
- Long-term performance and durability of airtight construction
- Airtightness requirements in building codes and regulations

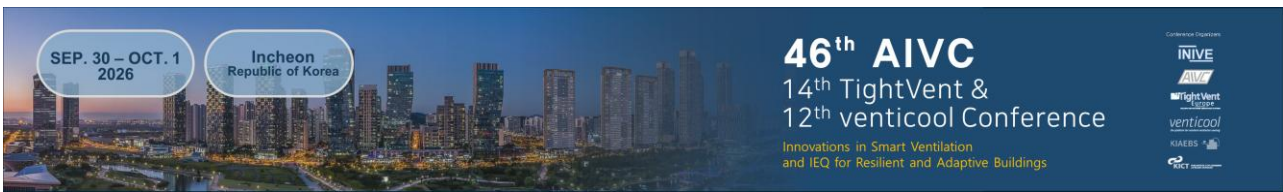
Ventilative cooling – Resilient cooling

- Climate adaptation and urban resilience through sustainable cooling
- Performance evaluation of ventilative cooling in various climates
- Integration of ventilative cooling in zero energy buildings
- Occupant perception and satisfaction of IEQ
- Standards, policies and legislation

Conference Sponsorship Levels and Benefits

To encourage industry participation, the organizers offer a range of sponsorship opportunities. The sponsorship offsets conference expenses and provides access to seasoned practitioners and principals. All sponsors will have their company logo and name on the event flyer, the conference website, conference app, and recognition during the conference. A summary of the specific benefits of each sponsorship level is provided below.

SPONSORSHIP LEVELS AND BENEFITS	Platinum	Gold	Silver	Bronze
	\$5,000	\$3,000	\$2,000	\$1,000
Number of packages available	2~3	3~5		
Remarks and Intro of Keynote Speaker	Yes	-	-	-
Logo/Signage at Conference Welcome Reception	Yes	Yes	Yes	Yes
Conference Dinner Sponsor - Logo Sign	-	Yes	-	-
Recognition as Platinum Sponsor in Conference Communications	Yes	-	-	-
Complimentary Registration	2	2	1	-
Sponsor Tech Talk	10 min	5 min	-	-
Logo on Conference program, website	Yes	Yes	Yes	Yes



Opportunities for Conference Commercial Exhibitions

The exhibition will be located at the Conference venue. The Conference Programme will be structured to maximize the opportunity for delegates to visit the commercial exhibition.

Sponsor benefits:

The sponsor's name will be acknowledged in the Final Programme and on the Conference website

Free participation for 2 persons to the commercial exhibition, coffee breaks and lunches

Please note the following:

Space will be confirmed based on the date of receiving the request, after the priority of selection.

Exhibition Cost:

Stand size (default): 9 m² (3 m x 3 m): **\$ 1,500**

Other sizes available upon request

The floor space includes:

One (1) power socket (500W), One (1) table and two (2) chairs

Notes:

This package does not include registration and admission to the Conference



APPLICATION FORM

Please send the form to aivc2026conference@gmail.com

All sponsors: please send your company logo (300 dpi, either eps, jpeg or tif file) via email.

Sponsoring Company Name (as you would like it displayed):

Company Contact: _____

Address: _____

City, State, Zip: _____

Country: _____

Phone: _____ Email: _____

Sponsorship Level

I/we agree to sponsor the 2026 AIVC Conference

- Platinum Level** (\$5,000)
- Gold Level** (\$3,000)
- Silver Level** (\$2,000)
- Bronze Level** (\$1,000)

By his/her signature below, the individual signing this contract represents and warrants that he/she is duly authorized to execute this binding contract on behalf of the named sponsor.

DATE:

SIGNATURE:



General Information & Important Notes

- All above rates are in Dollar (\$) and do not include Value Added Tax (VAT)
- According to Korean tax standards, the VAT is 10%

Payment Conditions & Cancellation Policy

Payment Deadlines

For all categories of sponsorships and exhibition, invoices will be issued by KIAEBS, as follows:

- 50% of total amount contracted to be paid within 30 days of invoice receipt
- Remaining 50% of total amount contracted to be paid no later than Friday 28 August 2026

Cancellation Policy

For any cancellation of a Sponsorship and Exhibition contract, 100% cancellation fees will apply.

For further information, contact us:



Korean Institute of Architectural Sustainable
Environment and Building Systems

Tel: +82 10 3414 3010 (09:00-18:00 UTC+9)

E-mail: aivc2026conference@gmail.com

Web: aivc2026conference.org

