



# *venticool*

*the international platform for ventilative cooling*



*An international platform  
to raise awareness  
on ventilative cooling  
potentials in terms  
of energy conservation,  
health, and comfort*

The platform was inaugurated in September 2012 to answer the growing need for international collaboration on ventilative cooling. Since then, the platform has facilitated the programme development of **IEA Annex 62** with the organization of key meeting points at workshop and conferences. It is now key partner of Annex 62 and the European project **QUALICHeCK**. venticool is firmly anchored at international level and gradually becomes **THE international meeting point** for ventilative cooling activities.

## MAIN GOAL AND SCOPE OF THE PLATFORM

Within this platform, ventilative cooling refers to the use of ventilation strategies to cool indoor spaces. The most common technique is the use of increased ventilation airflow rates but other technologies may be considered as well.

Ventilative cooling strategies have a great yet largely unrealised potential in terms of energy conservation in buildings, while providing good indoor air quality and comfort. The overall goal of the platform is to increase communication, networking

and awareness raising to mobilise the significant energy savings using ventilative cooling. Its ambition is to be **THE** international meeting point for ventilative cooling related activities.

## MAJOR ACHIEVEMENTS & FORESEEN ACTIVITIES

venticool is the key partner in the communication and dissemination activities of the **new Annex 62 'ventilative cooling'** of the 'Energy in Buildings and Communities Programme (EBC)' of the IEA. The IEE project on compliance and quality (**QUALICHeCK**), started in March 2014 and addresses technology areas that include ventilative cooling whereby it is the intention that venticool will become a member of the QUALICHeCK platform.

In addition, the 1<sup>st</sup> venticool conference, held in September 2013 and co-organized together with the 34<sup>th</sup> AIVC and 3<sup>rd</sup> TightVent conferences was another important milestone for the platform, where several sessions on challenges and perspectives for ventilative

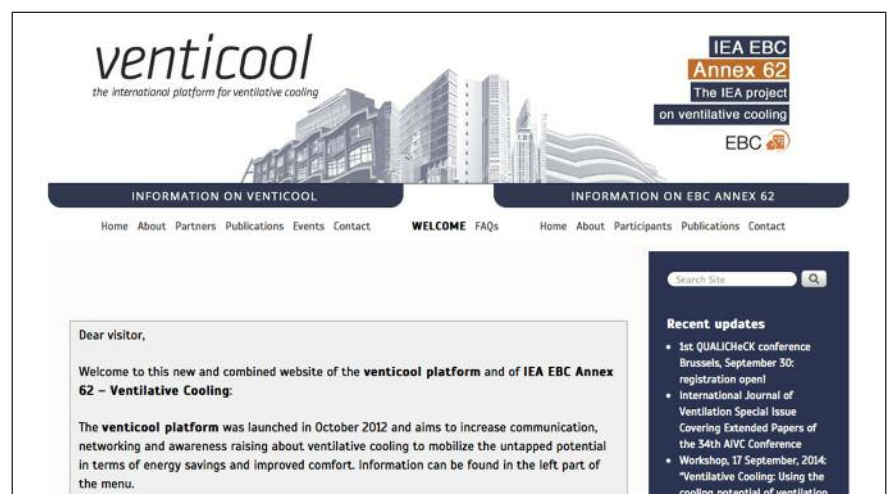
cooling were organized. In the same vein, the 2<sup>nd</sup> venticool- 35<sup>th</sup> AIVC and 4<sup>th</sup> TightVent joint conference will be held in September 2014 in Poznan, Poland.

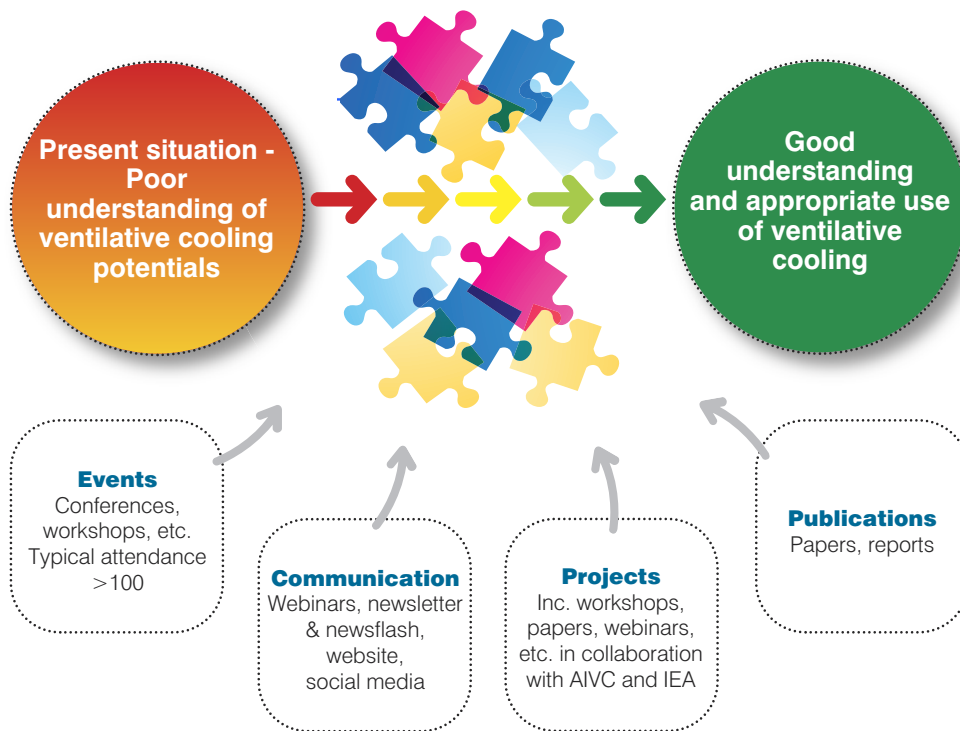
The 3<sup>rd</sup> venticool-36<sup>th</sup> AIVC & 5<sup>th</sup> TightVent joint conference is scheduled for September 2016 in Madrid, Spain with at least 2 foreseen topical sessions on ventilative cooling solutions.

venticool will also help develop guidebooks, in collaboration with AIVC and REHVA as well as follow up with relevant CEN TCs to account for ventilative cooling in relevant standards (linked to the EPBD recast).

## MAIN TARGETS

- Policy makers
- Stakeholders organizations (at European and national level)
- Training centres (front-runners and associations/networks)
- Designers, engineers, builders, HVAC installers (front-runners and associations/networks)
- Research and technical centres





## PLATFORM OVERALL GOAL AND KEY INSTRUMENTS

The platform organizes events and communicates actively on ventilative cooling. It organizes its efforts around projects focussed on specific issues (e.g., residential buildings, integration of ventilative cooling in energy performance calculation).

## RELEVANT INTERNATIONAL PROJECTS & ENVISAGED ACTIVITIES

- New IEA annex 62 on ventilative cooling
- IEE QUALICHeCK project on compliance and quality with specific work on ventilative cooling issues
- Publication of venticool newsletter with latest news and information
- Annual venticool conference and webinars
- Guidebooks, possibly in collaboration with other organizations (AIVC, REHVA, etc.)
- Possible interaction with relevant CEN TCs (TC 371 and TC 156 and TC 89) within the EPBD recast context



## USEFUL LINKS

**venticool website:**  
[venticool.eu](http://venticool.eu)

**35th AIVC - 2nd venticool conference:**  
[aivc2014conference.org](http://aivc2014conference.org)

**EA Annex 62:**  
[venticool.eu/annex-62-home](http://venticool.eu/annex-62-home)

## WHY SHOULD INDUSTRY PARTICIPATE IN THIS INITIATIVE?

- To share positions with other industries and stakeholders and thereby bring a clear message to policy-makers and building professionals with a greater impact
- To learn about new initiatives in training, regulations, research, etc. on ventilative cooling
- To give the required critical mass and impact, it is important to have sufficient funding. The basis for this funding should come from the industry partners but it is clearly the intention:
  - to generate extra funding from other sources of income
  - to set up strategic collaborations with other initiatives
- In parallel to the funding consideration, there is also the steering and guidance role by industry as there clearly is a lot of knowledge among industry.

## WHAT ARE THE BENEFITS FOR INDUSTRY PARTNERS?

- First-hand information on trends and technologies
- Steering capability of the work of the platform as member of the steering committee
- Review of documents inc. possibility to suggest modifications to better take into account the constraints of your business area
- Possibility to suggest webinars where your industry is directly concerned (subject to approval rules by the Scientific and Steering Committee)
- Benefit from project information and outputs (e.g., changes in energy regulations to take into account ventilative cooling, etc.)
- Visibility of your company in conferences, workshops, webinars, newsletters, etc.



## FINANCING SCHEME

In order to cover the activities of the platform (website, newsletter, technical activities, webinars, conferences, etc.), venticool works with a membership fee system.

## PLATFORM PARTNER ORGANIZATIONS AND KNOWLEDGE PARTNERS

The platform philosophy is to pull resources together and to avoid duplicating efforts to maximize the impact of existing and new initiatives. venticool closely collaborates with organizations that have already significant experience and/or are well-

identified in the field of ventilation and thermal comfort, like **AIVC** and **REHVA**. The platform is financially and/or technically supported by the following partners: **Agoria naventa**, **ES-SO**, **Velux**, **Wienerberger** and **WindowMaster**.

The platform also benefits from the input and feedback of renowned experts involved in related projects or invited to workshops, conferences and other events organized by the platform.

## PLATFORM FACILITATOR AND MANAGEMENT

venticool has been initiated by **INIVE EEIG** (International Network for Information on Ventilation and Energy Performance) and provide its service to the platforms as a facilitator which organises and coordinates activities, partners, website, etc. The members and associated mem-

bers of INIVE EEIG are BBRI, CETIAT, CSTB, IBP, SINTEF, NKUA, TNO, CIMNE, eERG, ENTPE and TMT US. More info on [www.inive.org](http://www.inive.org).

As operating agent of AIVC, INIVE establishes close link between the platform and AIVC.

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### MORE INFO?

For more information, visit our website at: [venticool.eu](http://venticool.eu) or contact us at: [info@venticool.eu](mailto:info@venticool.eu)  
You can also contact venticool partners directly through their websites.

