



MEMORANDUM OF UNDERSTANDING

ASHRAE

AND

REHVA (FEDERATION OF EUROPEAN HEATING, VENTILATION AND AIR CONDITIONING ASSOCIATIONS)

REHVA is a European federation currently representing 27 national associations, headquartered in Brussels, Belgium with some 100,000 experts in the area of heating, ventilation and air conditioning.

ASHRAE is an international organization headquartered in Atlanta, Georgia, USA with some 57,000 individual professionals as members dedicated to advancing heating, ventilation, air conditioning and refrigeration to serve humanity and to promote a sustainable world.

The two organizations play important roles in creating a more sustainable world by providing the technical expertise, educational products, standards and research needed to produce a comfortable, healthy and energy efficient built environment. The basis of this agreement is the belief that by working together, organizations can amplify their ability to provide these services to its members and the general public while simultaneously eliminating duplication and conflicts. Strong collaboration between ASHRAE and REHVA will also allow each organization to address the major issues facing our industry worldwide, including adapting to a rapidly evolving technology. Both organizations also reaffirm their commercial independence through adequate internal organization.

The purpose of this strategic Memorandum of Understanding (MoU) is to strengthen the relationship between REHVA and ASHRAE and to promote substantial and tangible actions to increase the co-operation between the two organizations and their members.

Both organizations wish to better serve their members by improving information sharing, education offerings, and strengthening the skills and knowledge of practitioners and engineers.

This Memorandum of Understanding (MoU) provides a framework for these benefits to be realized. It creates a roadmap to advance and promote the mutual interests of ASHRAE and REHVA with a practical commitment to work together on the following activities and goals. These activities and goals will serve our collective membership of individuals, associations and the public to promote a more energy efficient, healthy, comfortable, productivity-enhancing and sustainable world. This agreement¹ intends to create a collaborative environment where both organizations are enhanced.

¹ Nothing in this agreement will violate American or European anti-trust regulations.

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REHVA and ASHRAE enter into this MoU with the objectives described below. In implementing these objectives, REHVA and ASHRAE will investigate suitable activities related to ASHRAE's region in Europe and its chapters, sections and individual members.

Administering to the European Region of ASHRAE and its chapters, sections and members

ASHRAE wishes to reinforce the level of service for its individual members based in European countries. To date, ASHRAE estimates that it has around 1,800 individual members in Europe, of which approximately 50 to 70% are also members of associations represented by the REHVA federation.

ASHRAE agrees that REHVA may reinforce, in coordination with national associations, ASHRAE's service to its individual members.

REHVA and ASHRAE will arrange a taskforce to define how to organize, administer and communicate with ASHRAE members in the European Region. The schedule to implement this objective is 6 to 18 months after the MoU goes into effect. The overarching goal of this agreement is to elevate and magnify the level of service to individual members and association members from both organizations while operating in harmony. The natural outcome of elevating and magnifying membership value will be an increase in the individual membership of both ASHRAE and the national associations served by REHVA. The formation of ASHRAE chapters, sections, groups or clubs will be communicated and coordinated with REHVA's association members to strengthen and encourage collaboration. It is the intent of this agreement that individuals would be motivated to join both ASHRAE and the national associations served by REHVA.

If the Task Force formed in the following annexes fail to reach an agreement in the time frame stipulated, this MoU will immediately be dissolved. If this MoU is dissolved due to the failure of the Task Forces to reach an agreement, it is agreed that ASHRAE and REHVA will immediately open negotiations to create a new MoU to define the relationship between ASHRAE and REHVA, taking into consideration the needs and expectations of ASHRAE and the national associations represented by REHVA.

Cooperation between National associations members of REHVA and ASHRAE

The aim is to simplify and amplify the potential cooperation between ASHRAE and REHVA and its members while operating in harmony.

ASHRAE and REHVA will work in concert to develop a standard agreement between ASHRAE and any national association represented by REHVA who wishes to enter into an agreement with ASHRAE (Annex 4). Where requested by the national association, REHVA will be integrated into the agreement as a third-party signatory.

ASHRAE will inform REHVA without delay about opening of new agreements or MoUs with organizations in Europe and, similarly, REHVA will inform ASHRAE without delay about opening of new agreements or MoUs with organizations in North America. The intent is not to provide information or details regarding joint meetings, support or conferences or other similar non-strategic information. The intent is to share information about potential strategic agreements ASHRAE may form in Europe and REHVA may form in North America.

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Development of international bodies

REHVA and ASHRAE share the goal of building an international organization that would be the voice of sustainable technology for the built environment worldwide. Such an organization may be launched starting from the activities of the ASHRAE Associate Society Alliance (AASA), a concept that is currently being investigated by ASHRAE. If such an international organization is created, through ASHRAE's AASA or otherwise, REHVA is to be the voice representing its national associations. That fact does not preclude any of its national associations from participating individually in an AASA-type of international organization.

Each organization remains free to participate in any other international initiative with the same goal, and will inform each other of its intention.

REHVA and ASHRAE also agree to join efforts to create the Indoor Environmental Quality - Global Alliance (IEQ - GA).

Events, publications and dissemination tools

- Promote communication and information exchange between the organizations and their respective members through announcements in journals, websites, and other communication vehicles;
- Purchase for resale of each organization's publications by the other at a discounted rate to be negotiated by each organization's secretariat staff;
- Cooperation in sale and placement of advertisements in ASHRAE and REHVA publications, websites and other communication vehicles as appropriate and as mutually beneficial to both organizations;
- Opportunity to place advertisements by each organization in the other's journal, website, and other communication vehicles at special prices;
- Cooperation in the development of and participation in conferences and exhibitions globally which may be mutually beneficial and which strengthen the bonds of international cooperation between the organizations and their respective members.
- ASHRAE endorsement of REHVA CLIMA World Congresses for the purpose of encouraging ASHRAE member attendance thereby providing an opportunity for members of REHVA associations and of ASHRAE to interact on professional and technical matters;
- Both ASHRAE and REHVA will disseminate information of European events and activities organized at the local level by any organization.

Education and International Student competition

- Sponsor and jointly organize training and educational seminars and other educational activities when appropriate.

- Promote educational activities of the other organization whenever possible.
- Participate and promote any type of e-learning development offered by the other organization
- Promote and organize participation to the REHVA/ASHRAE international student world competition.

Research and Technical cooperation

- Promote the co-operation between ASHRAE technical committees and REHVA committees and task forces.
- Develop common task forces for joint publications.
- Increase contacts and influence on governmental bodies and other decision makers where appropriate for both organizations including issuing joint or collective statements articulating engineering perspectives on technical and scientific matters being addressed by governmental bodies at an international level.
- Communicate between parties on research programs.
- Cooperate on research activities of mutual interest to both organizations.
- Create a common task force to identify cooperation in advance of international normalization processes (e.g., CEN, ISO,).

Duration

This MoU will enter in force at the signature date executed and will cancel and replace the previous MoU. This MoU will terminate the 30th of June 2020.

Organization

Both organizations enter into dialogue with respect and a constructive attitude knowing that a positive outcome will strengthen both parties, ultimately resulting in technological advancement for the benefit of humanity.

The two organizations agree to facilitate to each other participation at official meetings through formal participation by the other organization.

To achieve these objectives REHVA and ASHRAE will organize a quarterly high-level electronic or face-to-face meeting to:

- Ensure ongoing advancement of collaborative projects.
- Monitor progress on collaborative projects underway.
- Keep each respective organization informed of major initiatives.
- Discuss new opportunities for collaboration.

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Finally, both organizations will each form specific task groups to carry out the works as described in this MoU with approval by their official bodies.

FOR ASHRAE

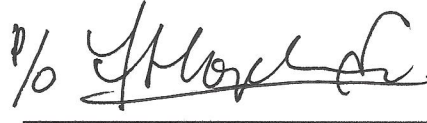
Timothy G. Wentz, PE
ASHRAE President, 2016-2017


Signature

June 25, 2017
Date

FOR REHVA

Stefano P. Corgnati
REHVA President 2016-2019


Signature

25-06-2017
Date