



**Global Technical Interaction Committee  
Meeting Agenda  
Virtual**

Tuesday, 16 April 2024  
8:00 AM – 11:00 AM EDT  
1:00 PM – 4:00 PM UTC

**Meeting Link:**

<https://ashrae.webex.com/ashrae/j.php?MTID=m7090f2b9c215943f6da509dc1c433afd>

**Meeting Best Practices Reminders**

- A. Please turn on your camera when you wish to speak during the meeting. Leave your camera on until called on.
- B. When not speaking, please turn your camera off.
- C. Please mute your line when not speaking.
- D. If you aren't able to turn on camera and wish to speak, please send a note in the chat.

**ATTENDANCE**

	<u>Voting Members</u>			<u>Voting Members Cont.</u>	
1	Oludare Soluade (Chair)	X	14	Jaap Hogeling (Consultant)	
2	Ashish Rakheja (Vice Chair/Coordinating Officer)	X	15	Eleazar Rivera (Consultant)	X
3	Jon Rajala (U.S. TAG to ISO/TC 142 Chair)		16	Henry Yeo (Consultant)	
4	Douglas Fick (Standards Committee Vice Chair)	X		<b><u>Non-Voting Members/Guests</u></b>	
5	Kevin Mercer (Technical Activities Committee Vice Chair)			Susanna Hanson (Ex-Officio)	X
6	Steven Bushby (U.S. TAG to ISO/TC 205 Chair)	X		Ryan Shanley (Staff Liaison)	X
7	Drake Erbe (U.S. TAG to ISO/TC 163 Chair)	X		Kai Nguyen (Staff Liaison)	X
8	Thiam Leong (T.L.) Chen	X		Stephanie Reiniche (Staff Liaison)	
9	Hassan Younes			Riley Barta	X
10	Fabio Clavijo	X		Duane Jonlin	X
11	Cheng Wee Leong			Scott Creamer	X
12	Jyotirmay Mathur	X			
13	George Pantelidis	X			

1. Call to Order (8:00 AM EDT)

A. **ASHRAE VALUES STATEMENT**

*In ASHRAE meetings, we will act with honesty, fairness, courtesy, competence, inclusiveness and respect for others, which exemplify our core values of excellence, commitment, integrity, collaboration, volunteerism and diversity, and shall avoid all real or perceived conflicts of interest. Our culture is one of inclusiveness, acknowledging the inherent value and dignity of each individual. We celebrate diverse and inclusive communities, understanding that doing so fuels better, more creative and more thoughtful ideas, solutions and strategies for the Society and the communities our Society serves. We respect and welcome all.*

**Code of Ethics** – <https://www.ashrae.org/about/governance/code-of-ethics>

**Core Values** – <https://www.ashrae.org/about/ashrae-s-core-values>

**Diversity Statement** – <https://www.ashrae.org/about/diversity-equity-and-inclusion-dei>

## B. **GTIC SCOPE AND PURPOSE**

The Global Technical Interactions Committee (GTIC) shall be responsible for harnessing the technical resources of ASHRAE to influence international standards and maximize the global impacts of ASHRAE standards, guidelines, and other technical work products on the practice of HVAC&R and the built environment. This includes developing, implementing, and managing processes that enable information flow and coordination between chapters, technical committees, standard project committees, and international technical advisory groups. This committee shall inform the ASHRAE leadership and membership of the potential impacts of the activities and making recommendations on new activities and policies in response.

### 2. Welcome

### 3. Review Of Agenda

### 4. Approval Of Minutes Of 19 March 2024 Virtual Meeting - The minutes were approved as presented.

### 5. Subcommittee Reports

A. Region and Chapters Interactions Subcommittee – Eleazar Rivera (chair), Hassan Younes (vice chair), Cheng Wee Leong, Jyotirmay Mathur, Fabio Clavijo, TL Chen, Ashish Rakheja, Henry Yeo (consultant) – The questionnaire on worldwide HVACR needs on global alignment was reviewed and approved. The next step is to reach out to the ASHRAE marketing team for distribution. The Global Affairs Subcommittee of the Government Affairs Committee (GAC) has been directed to consult with GTIC on a report on priorities for translation of ASHRAE publications (which languages and publications should be prioritized?) RCIS is continuing with the program for “local champions” to find different stakeholders to gather information about standards used in each region.

B. Technical Committees Interactions Subcommittee – Kevin Mercer (chair), Jon Rajala, Drake Erbe, Olu Soluade – Scott Creamer from Rheem Manuf. has joined TCIS. Kevin was unable to discuss GTIC activities at last March TAC meeting as agenda was full and time was limited. He has relayed concerns of attendance for GTIC meetings due to meeting timing and interference with his regular job. He has also relayed concerns about not being able to get the level of technical engagement from TAC that GTIC is wanting. An email was sent to TAC Chair and Sarah Maston for their advice and thoughts on how to improve. The TAC Chair has committed to having GTIC on the April/May TAC agenda for discussion of actions from TAC/ related MBOs, etc.

- C. Project Committees Interactions Subcommittee – Doug Fick (chair), Steve Bushby, George Pantelidis, Drake Erbe – **See attached.**



GTIC SC MM  
2024-04-11.pdf

6. Liaison Reports.

A. Government Affairs Committee - George Pantelidis – **Met with GAC two weeks ago and informed the committee of GTIC scope and purpose and made aware of development of questionnaire. Regions' Vice Chairs are asking Chapters outside of U.S. to gather feedback on standards that are adopted by other countries.**

B. Technical Activities Committee - Kevin Mercer

C. Energy Performance of Buildings - Jaap Hogeling – **Currently working on the roadmap. There are two standards which are currently being proposed for revision: ISO/PWI 52000-1 “Energy performance of buildings – Overarching EPB assessment – Part 1: General framework and procedures” and ISO/PWI 53000-1 “Energy performance of buildings - Indicators, requirements, ratings and certificates - Part 1: General aspects and application to the overall energy performance (VA CEN/TC 89)”. The EPB roadmap indicates revisions to EN ISO 52016-1 to unambiguously specify the interaction with other EPB standards.**

7. Status of MBOs – **Subcommittees to include MBOs along with subcommittee report and status of each MBO.**

8. International/Region Updates – Fabio – **Preparing lectures and courses for countries for next three months. Ashish – India updating National Building Code on section of HVAC including Decarbonization. There will be an upcoming presentation from India Chapter. Duane – International Energy Conservation Code will be published for next edition.**

9. Other Business

A. Proposed Relinquishment of U.S. TAG to ISO/TC 59/SC 13 Administration due to inactivity. Approximate cost to ASHRAE is \$2,500/year, plus staff time. – **Staff/Ashish to reach out to TAG Chair Dennis Knight on next steps.**

B. GCC Standard Organization (GSO) MOU – thoughts on draft MOU and ideas for high-level cooperation/workplan – **Need to develop a work plan to get GTIC feedback and ideas on what areas we can cooperate in, such as TCs, standards, guides, training, etc. Olu suggested to send draft to Hassan Younes for feedback, as he is based in the Middle East.**



GSO-ASHRAE Draft  
MoU (2024).docx



GSO Strategic Plan  
2021-2025.pdf

10. Review of Action Items – See below.

11. Next Meetings – Virtual meetings scheduled for third Tuesday every month, 8:00 AM to 11:00 AM Eastern Time

A. Tuesday, 21 May 2024, 8:00 AM to 11:00 AM EDT (12:00 PM to 3:00 PM UTC) – Virtual

B. Sunday, 23 June 2024, 9:00 AM to 12:00 PM EDT (1:00 PM to 4:00 PM UTC) – Hybrid

C. Tuesday, 16 July 2024, 8:00 AM to 11:00 AM EDT (12:00 PM to 3:00 PM UTC) – Virtual

12. Adjournment (11:00 AM EDT)

**GTIC Action Items  
As of 16 April 2024**

**Updated Items Noted in Red**

OPEN ACTION ITEMS				
AI#	Action Item	Assigned	Estimated Completion Date	Status
1	An action item was assigned to the Regions and Chapters Interactions Subcommittee to develop a presentation/document to introduce GTIC to regions and chapters; a roadmap for standards development bodies in each region/country will also be assembled. RCIS held a virtual meeting in December. Currently the subcommittee has representatives from Asia and Latin America and is working on identifying and recruiting Middle Eastern members; this is an ongoing action item. RCIS will work to integrate information from each region by the annual meeting. It has been requested that the subcommittee provide feedback on the presentation by the end of February. An idea is in development to have regional coordinators (“local champions”) in each region.	RCIS		Open
2	An action item was assigned to GTIC leadership to meet with Kevin to discuss current activities and needs in TCIS.	Olu Soluade Ashish Rakheja Steve Bushby Kevin Mercer		Open
3	An action item was assigned to ASHRAE staff to provide ASHRAE leadership with updates on GTIC activities.	Staff		Open
4	An action item was assigned to Ashish to reach out to Dennis Knight to discuss the lack of participation from U.S TAG for ISO/TC 59/SC 13 and propose the relinquishment of the administration.	Ashish Rakheja Ryan Shanley		Open

OPEN ACTION ITEMS				
AI#	Action Item	Assigned	Estimated Completion Date	Status
5	An action item was assigned to ASHRAE staff to reach out for feedback from GTIC members on the GSO MOU draft.	Staff		Open

CLOSED ACTION ITEMS				
AI#	Action Item	Assigned	Completion Date	Status
1	An action item was assigned to all subcommittees to schedule virtual meetings at the earliest opportunity. RCIS and PCIS have each held at least one virtual meeting since the previous GTIC meeting. TCIS will schedule a virtual meeting within the next several weeks following the Chicago conference. Completed	RCIS, TCIS, PCIS	21 January 2024	Closed
2	An action item was assigned to Olu Soluade, Ashish Rakheja, and Ryan Shanley to reach out to Kevin Mercer and Jamie Bennett (as TAC chair) to request an update on when the subcommittee can begin meeting and working. A virtual TCIS meeting will be scheduled in the next several weeks. Completed.	Olu Soluade Ashish Rakheja Ryan Shanley	21 January 2024	Closed
3	An action item was assigned to Steve Bushby, Drake Erbe, and Jaap Hogeling to prepare a draft of needs from the U.S. TAGs to ISO/TC 163 and ISO/TC 205 to be shared with the ASHRAE TC memberships. Experts are needed to review EPB standards and develop comments for U.S. positions. Steve Bushby provided a list to ASHRAE staff of ASHRAE TCs from which recruitment is needed for specific U.S. TAG to ISO/TC 205 advisory panels. Kevin Mercer will share a list of recommendations for Section 4 TCs to target for recruitment. It was asked if a one-year term for StdC and TAC vice chairs is appropriate, or if this is not sufficient time to become involved in the work of GTIC.	Steve Bushby Drake Erbe Jaap Hogeling	21 January 2024	Closed

CLOSED ACTION ITEMS				
AI#	Action Item	Assigned	Completion Date	Status
4	<p>An action item was assigned to ASHRAE staff to review the Standards Committee and GTIC MOPs (Manuals of Procedures) to develop recommendations for rules changes and assignment of responsibilities for different areas/items; these recommendations will be provided to GTIC and Standards Committee (via PPIS) for review and comment once they are available. This will be reported on at future GTIC and Standards Committee meetings. Ongoing.</p> <p>ASHRAE staff has performed a review of the Standards Committee procedural documents to develop recommendations for rules changes and assignment of responsibilities for different areas/items between Standards Committee and GTIC. PCIS also reviewed and agreed on the proposed revisions. These recommendations were approved in Chicago. Staff has completed corresponding recommended revisions to the GTIC Reference Manual for review, which will require approval by GTIC before taking effect.</p>	ASHRAE Staff	20 February 2024	Closed
5	<p>An action item was assigned to all subcommittees to develop their own MBOs to establish precedents for future work. Subcommittee chairs are expected to provide reports at future meetings.</p> <p>RCIS and PCIS have developed draft MBOs; these have been posted on the GTIC Basecamp. MBOs for TCIS still need to be developed.</p> <p>All subcommittees have developed their own MBOs. Complete.</p>	TCIS	20 February 2024	Closed
6	<p>An action item was assigned to the Project Committees Interactions Subcommittee to review the ASHRAE Strategic Plan and provide feedback on behalf of GTIC.</p> <p>Feedback which was submitted was reviewed during the 20 February 2024 GTIC meeting. Complete.</p>	PCIS	20 February 2024	Closed

**CLOSED ACTION ITEMS**

<b>AI#</b>	<b>Action Item</b>	<b>Assigned</b>	<b>Completion Date</b>	<b>Status</b>
7	An action item was assigned to Doug Fick, Ashish Rakheja, and Cheng Wee Leong will develop comments on the ASHRAE Strategic Plan for submittal on behalf of GTIC. Feedback which was submitted was reviewed during the 20 February 2024 GTIC meeting. Complete.		20 February 2024	Closed
8	An action item was assigned to the all the subcommittees to schedule monthly meetings.	TCIS/RCIS/ PCIS	16 April 2024	Closed