



**GLOBAL TECHNICAL INTERACTION COMMITTEE
MINUTES**

**ASHRAE 2024 Summer Meeting
23 June 2024**

These are not the official minutes until approved by GTIC

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**GTIC Action Items
As of 23 June 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 ASHRAE staff to provide ASHRAE leadership with updates on GTIC activities.	Staff		Open
3	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. – Ryan reported that Dennis Knight is aware that relinquishment of the U.S. TAG to ISO/TC 59/SC 13 is proposed in the upcoming Society Year budget to reduce costs.	Ashish Rakheja Ryan Shanley		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
4	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. 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.	ASHRAE Staff	20 February 2024	Closed

CLOSED ACTION ITEMS				
AI#	Action Item	Assigned	Completion Date	Status
5	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. RCIS and PCIS have developed draft MBOs; these have been posted on the GTIC Basecamp. MBOs for TCIS still need to be developed. All subcommittees have developed their own MBOs. Complete.	TCIS	20 February 2024	Closed
6	An action item was assigned to the Project Committees Interactions Subcommittee to review the ASHRAE Strategic Plan and provide feedback on behalf of GTIC. Feedback which was submitted was reviewed during the 20 February 2024 GTIC meeting. Complete.	PCIS	20 February 2024	Closed
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
9	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	22 April 2024	Closed
10	An action item was assigned to ASHRAE staff to reach out for feedback from GTIC members on the GSO MOU draft. Kai reached out to Hassan with MOU draft. No further feedback at this time from Hassan. Hassan would be able to join liaison team to assist needs.	Staff	26 May 2024	Closed

1. Call to Order and Introductions

The Global Technical Interaction Committee 2024 Summer Meeting was called to order by GTIC Chair, Oludare Soluade, on Sunday, 23 June 2024, 9:00 AM EDT.

Introductions

GTIC members, staff and guests were greeted. The attendees were as follows:

Members Present

Oludare Soluade, *Chair*
Ashish Rakheja, *Vice-Chair*
Douglas Fick
Kevin Mercer
Steven Bushby
Drake Erbe
Fabio Clavijo
Cheng Wee Leong
Jyotirmay Mathur
George Pantelidis
Eleazar Rivera
Susanna Hanson, *Bod ExO*

Members Not Present

Jon Rajala
Thiam Leong (T.L.) Chen
Henry Yeo
Jaap Hogeling

Staff Present

Ryan Shanley, *Sr. MOS*
Kai Nguyen, *AMOS-I*
Mark Owen, *Director of Publications and Education*
Jacob Karson, *Associate Manager – Government Advocacy*

Guests Present

Chandra Sekhar
Richie Mittal
Wade Conlan
Adrienne Thomle
Justin Prosser
Tim Wentz
Luis Alvarado
Satheesh Kulankara
Jayson Bursill
Dennis Knight
Scott Creamer

2. Adoption of the Agenda

The agenda was adopted as written and the ASHRAE Values Statement, Code of Ethics, Core Values, Diversity Statement, and GTIC purpose and scope were reviewed.

3. Approval of Minutes

The minutes of the 21 May 2024 virtual meeting were reviewed. The minutes were approved by consensus as presented.

4. Region and Chapters Interactions Subcommittee (RCIS) Report

The RCIS Report was presented by RCIS Chair, Eleazar Rivera. RCIS continues to spread awareness of GTIC to a wider audience. Eleazar attended an Expo Frio Calor in Chile, national event with Region 8 and Region 12. Chile has recently published a modified adaptation of Standard 62.1 with contribution from local ASHRAE chapter members. A roadmap will be developed to understand how and what is the most efficient way that each “natural” region interacts and what efforts will be more valuable regarding each committee in certain chapters. There is a plan to work with staff to spread awareness of the purpose and existence of GTIC by posts on social media. Results of the survey were presented and graphics will need to be generated from the data gathered for visual representation. Olu suggested to distribute the current results to Chapter and Region leaders. The results and survey can be communicated out of GAC to the boarder membership. Eleazar to be upcoming Chair of GAC. Olu Soluade thanked RCIS and Eleazar for their participation and commitment to GTIC.

For more information regarding this report, please see [Attachment A](#).

5. Technical Committees Interactions Subcommittee (TCIS) Report

Kevin Mercer presented at the TC Chairs Breakfast alongside Steven Bushby and Drake Erbe to spread awareness and the shared accomplishments of GTIC. Steven Bushby spoke on correlation between ANSI and ISO and provided better understanding to the TCs on importance of this relationship. TAC will continue to be fully engaged in GTIC as Satheesh Kulankara will be the Vice Chair of TAC and Kevin Mercer is incoming Chair of TAC.

A presentation to spread awareness of GTIC and accomplishments was presented at the TC Chairs Breakfast; please see [Attachment B](#).

6. Project Committees Interactions Subcommittee (PCIS) Report

The last MBO in 2023-2024 is to work on the ISO/ASHRAE matrix; subclassification to identify the entities to focus development or modification is currently in progress. The matrix is a working document and will need to be communicated to out to members to gauge interest and for effective updating.

Adrienne Thomle mentioned that there is an existing matrix and can provide an opportunity to update or revise standards. Doug Fick presented GTIC’s existence and scope at the PC Chairs Breakfast. An MOU with GCC has been signed and approved by the Board of Directors ExCom. Relevant tasks developed from MOU will be facilitated by GTIC. Ryan Shanley mentioned that a proposal to develop a district cooling standard (related to the Empower MOU from the UAE) has been approved by PPIS and Standards Committee, and awaits Technology Council and BoD approval.

7. Liaison Reports

GTIC is planning to review ASHRAE’s existing MOUs to explore where there could be opportunities for increasing ASHRAE’s global engagement, particularly in the standards arena. Eleazar Rivera and Jacob Karson will produce the report of survey data with graphics. Survey and report to be presented beyond U.S Chapters in order to receive more responses. George Pantelidis believes that further investigation is needed by the Publications team to determine interests by country. Olu reminded the committee that GTIC exists as a conduit and can provide guidance to the Standards Committee. George has a written report from GAC (to be distributed), and continues to inform TC and PC Chairs on the purpose of GTIC. GTIC membership agreed that translations of standards can be done by volunteers rather than by ASHRAE hiring of outside consultants. A question was raised about a pilot use of AI for standards translations; Mark Owen clarified that AI translations have not been done and translations have only been done by Chapters and companies. There is currently no policy in place for AI translation. There are seven guides either published or under development by the CEBD/TFBD and chapters/regions are inquiring

about adaptation/adoption of decarbonization-related standards. A request for adaption can be submitted to Mark Owen or Stephanie Reiniche on ASHRAE staff. It is not yet determined for this process if there is a cost associated with submitting such a request. Kevin Mercer will present training on this process t the TC Chairs Breakfast during the 2025 Winter Conference in Orlando. A question was raised as to whether or not GTIC will prioritize adaption of standards; it was reiterated that while GTIC can be involved, its role is to act as a conduit and facilitate, rather than actively manage or prioritize specific tasks. Jacob Karson mentioned the PPIB documentation tool which is utilized as a way to communicate standards with less technical language.

To review the survey results, see [Attachment C](#).

8. Status of MBOs

GTIC reviewed the MBOs as shown in [Attachment D](#). Ashish Rakheja presented plans and new MBOs for 2024-2025. [Attachment E](#).

9. International/Region Updates

Drake Erbe reported that the European Union Buildings Environmental Declaration is final as of 5 May 2024. There are no mandates, although some former EU Energy Mandates are still in force, such as EcoDesign for units. This will require equal access to all buildings' data, which implies system modeling. This will require high consideration of 8760 hour information and data and reporting on all emissions. Although not codified, any modeling or calculations will have to use the overarching standards of the ISO 52000 series or equivalent to evaluate the building performance. Buildings will have a building label subject to independent auditing. There will be a workshop during the ISO/TC 163/205 meetings in Paris in October 2024 that will include a panel with representation from IEA, ASHRAE, members of COP28, and others. The workshop title is "Standardization leading to Harmonization and Decarbonization."

10. Other Business

- A. Dennis Knight assigned GTIC to work with UNEP to select and coordinate with participating ASHRAE volunteers at committee, regional, or chapter levels. Tim Wentz shared additional information in presentation in [Attachment F](#).
- B. Ashish Rakheja, the upcoming Chair of GTIC, thanked Olu Soluade of his service and commitment as Chair of GTIC. Olu also thanked all members of GTIC and presented certificates of service to each member.

11. Review of Action Items

Please see the updated status of Action Items on [Page 3](#).

12. Next Meeting/Closing Items

Next Meetings: Virtual interim meetings to be scheduled at the call of the chair.

- 2025 Winter Meeting Orlando – February 2025

13. Adjournment

The GTIC meeting adjourned at 11:47 AM EDT.

14. Attachments

Attachment A



ANNUAL MEETING
RCIS REPORT 2024.ppt

Attachment B



GTIC ISO Tutorial
2024-06-11.pptx

Attachment C



240618 ASHRAE
GTICQuestionnaire Re

Attachment D



2024-25 ASHRAE
MBO Tracking_GTIC.xl

Attachment E



2024_06_23_ASHRA
E GTIC MBO 2024.doc

Attachment F



GTIC Presentation on
UNEP.pptx