



GLOBAL TECHNICAL INTERACTION COMMITTEE MINUTES

**ASHRAE 2025 Annual Meeting
22 June 2025**

These are not the official minutes until approved by GTIC

TABLE OF CONTENTS

1. Call to Order and Introductions.....	3
2. Adoption of the Agenda.....	4
3. Approval of Minutes.....	4
4. Review of Action Items.....	4
5. Ex-Officio Report.....	4
6. Coordinating Officer Remarks.....	4
7. Subcommittee Reports.....	4
8. GTIC Training and Reference Material Approval.....	6
9. GASC Project for the Middle East and Africa.....	6
10. ISO/TC 163 and ASHRAE TC Relevance.....	6
11. Harmonization of Building Codes and Keeping Decarbonization in Focus.....	7
12. Brazil TM65 Initiative.....	7
13. Liaison Reports.....	7
14. Status of MBOs.....	7
15. Outgoing Chair Remarks and Recognition of Retiring Members.....	7
16. Incoming Chair Remarks & MBOs.....	8
17. Other Business.....	8
16. Next Meetings.....	8
17. Adjournment.....	8
17. Attachments.....	8

1. Call to Order and Introductions

The Global Technical Interaction Committee 2025 Annual Meeting was called to order by GTIC Chair, Ashish Rakheja, on Sunday, 22 June 2025, 9:01 AM MST.

Introductions

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

Members Present

Ashish Rakheja, *Chair*
Steven Bushby, *Vice Chair*
Adrienne Thomle, *StdC Vice Chair*
Drake Erbe
Fabio Clavijo
Cheng Wee Leong
Jyotirmay Mathur
George Pantelidis
Satheesh Kulankara
Justin Prosser
Hassan Younes
Richie Mittal, *Bod ExO*
Wade Conlan, *Coordinating Officer*
Hywel Davies, *Consultant*

Members Not Present

Michael Corbat
Coleman Brumley

Staff Present

Ryan Shanley, *Sr. MOS*
Kai Nguyen, *AMOS-I*
Maralyn Graham, *PAS-I*
Leigh Lain Walker, *Mgr. of CEBD*
Mark Owen, *Dir. of Publications and Education*
Jacob Karson, *Mgr. of Gov. Outreach & Engagement*

Guests Present

Amir Suliman
Atilla Biyikoglu
Billy Austin
Bin Lin
Chandra Sekhar
Chris Seeton
Clay Nesler
Costas Balaras
David Yashar
Douglas Fick
Dr. N. Kapilan
Eleazar Rivera
Farhan Mehboob
Ghina Annan
Jaap Hogeling
James Wolf
Jennifer Isenbeck
Juliana Pellezmini
Ken Fulk
Luis Alvarado
Mahroo Eftekhari
Money Khanna
Nilesh Mayami
Scott Creamer
Sonya Pouncy
Stanley Yee
Steven Gerazounis
Tim Wentz
Vikrant Aute

2. Adoption of the Agenda

The agenda was reviewed and adopted with minor additions 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 14 April 2025 virtual meeting were reviewed. The minutes were approved by consensus present.

To review the meeting minutes, please see [Attachment A](#).

4. Review of Action Items

Please see the updated status of Action Items on [Page 9](#).

5. Ex-Officio Report

David Yashar, incoming BOD Ex-Officio, presented the Leadership updates. The presentation highlighted the following:

- Update to ASHRAE's tagline to include the word "Global".
- The 2025-28 Strategic Plan identifies key priorities for the society over the next three years. Chapters can use the information to guide operations to ensure alignment with society priorities.
- Introduces the members on the Board of Directors including the Director-at-Large.
- Encourages the members to engage with Government Affairs
- Updates on the developments in the CEBD
- Changes to the Membership Model

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

6. Coordinating Officer Remarks

Wade Conlan expressed his appreciation and commended the committee of the work completed from the past society year. He is impressed with the growth of the committee and looks forward to further accomplishments from GTIC.

7. Subcommittee Reports

1. Region and Chapters Interactions Subcommittee (RCIS)
Fabio Clavijo presented and highlighted the industry critical issues based on the 2024 ASHRAE Roundtables. He mentioned that the need for training and education for young professionals is critically needed. Fabio briefly highlighted findings from the survey distributed in 2024. Steve Bushby commended the work of RCIS and mentioned a need to discuss an action plan to move forward.
RCIS has been developing a Training Manual for RCIS and its Regional Liaisons. Ashish Rakheja suggested to circulate the Training Manual to the full committee for review and collect comments. The committee may vote to approve the manual at the next full GTIC meeting.

The Tech Council and Board approved at the 2025 Winter Conference for Regional Liaisons to be appointed to encourage interaction and promote technical resources to meet GTIC's objectives. The appointments are as follows:

- Region VIII – Eleazar Rivera
- Region XII – Leandro Astorga
- Region XIII – Bill Wang
- Region XIV – Samir Hernandez
- Region XV – Akshay Nutan Pahade
- Region-At-Large – Maged Fouad Hashem

For more information regarding this report and supporting documents, please see [Attachment C](#).

2. Technical Committees Interactions Subcommittee (TCIS)

Satheesh Kulankara presented and provided an update to the TCIS MBOs. He mentioned that the GTIC presentation done at the Winter Conference 2025 received positive feedback and volunteers were interested in joining the U.S. TAGs to ISO/TCs.

At the TC Chair's breakfast and training meeting at the Annual meeting at Phoenix, the TAC Vice Chair encouraged all TC Chairs to increase engagement with ASHRAE international regions. Section Heads will be mentioning the 2025-2028 ASHRAE strategic plan that has goals of more technical engagement globally during their visits to the FG meetings at Phoenix. The role of GTIC as a conduit to transfer information between ASHRAE FGs and ASHRAE international regions as well as international technical advisory groups is planned to be highlighted by the Section Heads. TAC leadership continues to be committed to supporting GTIC activities and broader engagement between ASHRAE FGs and international chapters. The Incoming TAC Vice-Chair (voting member on GTIC) has been briefed on GTIC activities and is planning to attend GTIC meetings starting with the meeting at Phoenix.

Hywel Davies noted that ISO has the potential to provide a mechanism for transferring ASHRAE standards into international application. Outside the US standards which are published by ISO may be easier to market and more readily adopted than ASHRAE standards. Where ASHRAE wants to gain recognition of existing ASHRAE standards then participation in the relevant ISO technical committee offers a way to propose adoption of the ASHRAE standard as an ISO standard. This needs wider support, but it offers a mechanism to internationalise ASHRAE standards.

In addition, this is the only mechanism for ASHRAE to influence the European Standards body, CEN. CEN is made up of 35 national standards bodies (NSBs) in Europe, it is not an EU body, although all EU states NSBs are members. However, when a standard is adopted by CEN then ALL members of CEN are required to adopt the standard. If ASHRAE wishes to influence CEN then it needs to work with ASHRAE members in Region XIV. Where an ASHRAE standard is adopted as an ISO standard then there is the potential for that ISO standard to be adopted by CEN through a mechanism called the "Vienna Agreement".

This is not a rapid process and will require a degree of negotiation and influence involving the ASHRAE membership outside the US, but it illustrates the relevance of GTIC to those in ASHRAE on the various ISO TAGs.

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

3. Project Committees Interactions Subcommittee (PCIS)

Drake Erbe presented the revisions to the GTIC Reference Manual completed by PCIS to include the standards adaptation and adoption process. Justin Prosser inquired of an example of an

adaptation project and Drake confirmed ASHRAE 90.2-2007 for Kuwait was developed and published in 2010.

GTIC reviewed the revisions and motioned to approve the revisions to the GTIC Reference Manual as written: 11/0/2/0.

Drake Erbe encouraged more participation in PCIS and asks members to join.

To review the revisions to the GTIC Reference Manual, please see [Attachment E](#).

4. Special Projects

George Pantelidis presented the report from Special Projects. Highlighted the work efforts between ASHRAE-UNEP. Communications between the Caricom Chapter, Darryl Joseph, and UNEP has been established. Darryl will meet with Caribbean energy and environmental officials in Grenada the week 16-20 June at the UNEP Caribbean Network's Thematic Meeting and will make a presentation on the benefits ASHRAE provides to individuals in the industry, provide an overview of the joint products ASHRAE and UNEP make available, and how ASHRAE and governmental ministries can interact for mutual benefit moving forward.

Special Projects was assigned a new initiative was given to the SC to create a list international organizations from the Global South that ASHRAE could investigate the possibility to pursue an MOU or partnership with.

A [template list](#) was created with the relevant information required for each organization. Also, a [draft letter](#) was formed to be sent to Regional Liaisons seeking their support to populate this list

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

8. GTIC Training and Reference Material Approval

GTIC motioned to approve the revisions to the GTIC Reference Manual as written: 11/0/2/0.

9. GASC Project for the Middle East and Africa

Sonya M. Pouncy, outgoing Communications Coordinator for GAC, announced that in an effort to expand ASHRAE's international GAC reach and relevance, the Gov't Affairs Committee plans to incrementally expand its website to be more inclusive. As a first step toward this GAC plan to establish the second continental/regional landing page for policy, legislative, and regulatory updates. The new page will cover the Middle East and Africa pages and be similar in format to the existing page for the European Union Updates. Informal approvals of RAL and the impacted Chapter Presidents have been obtained and a formal motion, which is expected to pass, will be made to the GAC Global Affair Subcommittee in the next few weeks. The preliminary schedule for rollout is January 2026.

10. ISO/TC 163 and ASHRAE TC Relevance

Stanley Yee, Vice Chair of U.S. TAG to ISO/TC 163, presented the correlation between ISO/TC 163 work areas and ASHRAE technical activities. The presentation was shared to elicit interest from members in joining the TAGs and engage in global activities.

For more information regarding this presentation, please see [Attachment G](#).

11. Harmonization of Building Codes and Keeping Decarbonization in Focus

Clay Nesler, CEBD member, delivered the presentation on ASHRAE's commitment to International Building Codes. The presentation highlighted the flexible building code framework goals and objectives including the development cycle. The CEBD outlined how GTIC can support the project and asked for volunteers and resources to provide input. Steve Bushby pointed out that the role of GTIC is to connect at an ISO or Chapter level. GTIC connect resources, does not review drafts. Justin Prosser confirmed the Code Interaction Subcommittee is on track to discuss and expand on the scope. Hywel Davies stated the framework could become an international standard.

For more information regarding this presentation, please see [Attachment H](#).

12. Brazil TM65 Initiative

Ghina Annan, CEBD member, provided a high-level overview of a new initiative out of Brazil. An earlier project was initially developed by CIBSE and later adopted by ASHRAE and developed for North America. The projects involve translations efforts. Ghina is to provide more information at a later time to present to GTIC to discuss potential engagement.

13. Liaison Reports

1. Center of Excellence Building Decarbonization (CEBD)
Jyotirmay Mathur continues to meet with the CEBD and Special Projects and to provide a report in a future meeting.
2. ASHRAE Associate Society Alliance (AASA) – Eleazar Rivera reported that Dennis Knight, outgoing ASHRAE President, is involved in European regions. The Minister of Vietnam is currently scouting consultants for a new project. There is a need for a champion from Iraq.
3. Planning Committee (PLC) – No report was given
4. Government Affairs Committee (GAC) – Eleazar Rivera reported that a new tool was developed for translations to Spanish. [Link to PPIB](#).
5. Publication Education Committee (PEC) – No report given as PEC is scheduled to meet in Phoenix. A report will be given at a future meeting.
6. Energy Performance of Buildings (EPB) – Jaap Hoeling reported a project plan is being developed per the mandate from the European Commission to update the EPB standards. More information on the work efforts will be available in September 2025.

14. Status of MBOs

The status of the remaining open MBOs for 2024-25 was reviewed. Several MBOs will continue into the next society year

The MBOs are listed in [Attachment I](#).

15. Outgoing Chair Remarks and Recognition of Retiring Members

Ashish Rakheja expressed his gratitude to the members of the GTIC and acknowledges the hard work and accomplishments from the committee. Certificates have been produced and will be sent to the members.

16. Incoming Chair Remarks & MBOs

Steve Bushby welcomed the members to the next society year. He looks forward to leading the committee in continuing their efforts on global collaboration.

17. Other Business

No other business was discussed.

16. Next Meetings

Next Meetings:

- Monday, 11 August 2025, 8:00 AM to 11 AM EST (12:00 PM to 3:00 PM UTC), Virtual
- Monday, 13 October 2025, 8:00 AM to 11 AM EST (12:00 PM to 3:00 PM UTC), Virtual

17. Adjournment

The GTIC meeting adjourned at 12:05 PM MST.

17. Attachments

Attachment A



GTIC Draft Meeting
Minutes Virtual 2025-

Attachment B



ASHRAE Leadership
Presentation (2025 Ar

Attachment C



250613 GTIC RCIS
Present Phoenix2.pptb



Proposed Draft GTIC
RCIS Training Manual

Attachment D



GTIC TCIS
Report-2025-06-22.p

Attachment E



Proposed Revisions
2025 GTIC Reference

Attachment F



Special Projects SC
report-Phoenix 2025.c

Attachment G



2025 ISO TC163
Harmonization.pptx

Attachment H



ASHRAE Flexible
International Codes Fi

Attachment I



GTIC MBOs June
2025.xlsx

**GTIC Action Items
As of 22 June 2025**

Updated Items Noted in Red

OPEN ACTION ITEMS				
AI#	Action Item	Assigned	Estimated Completion Date	Status
1	An action item was assigned to prepare a video/presentation and reach out to all International Chapter leaders to communicate on GTIC objectives and seek their participation. May 2025; Staff to finalize the product pending the receipt of the remaining two video submissions.	GTIC		Open