



MINUTES

EXECUTIVE COMMITTEE MEETING

Go To Meeting
Friday, November 4, 2016

Note: These draft minutes have not been approved and are not the official, approved record until approved by the Executive Committee.

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November 4, 2016

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PRINCIPAL MOTIONS

Executive Committee Meeting
November 7 and 8, 2015

No – Pg. Motion

- 1 – that the initiation and development of a new joint CIBSE/ASHRAE position document titled “Resiliency in the Built Environment” be approved.

ACTION ITEMS

Executive Committee Meeting
November 4, 2016

Item	Responsible	Summary of Action	Status
1 –	Graef	Notify Technology Council that the new joint CIBSE/ASHRAE position document titled “Resiliency in the Built Environment” was approved.	_____



EXECUTIVE COMMITTEE MEETING

November 4, 2016

MEMBERS PRESENT: Timothy G. Wentz, President
Bjarne W. Olesen, President – Elect
Sheila J. Hayter, Treasurer
Walid Chakroun, Vice President
Patricia T. Graef, Vice President
M. Ginger Scoggins, Vice President
Edward K.C. Tsui, Vice President

STAFF PRESENT: Jeff H. Littleton, Executive Vice President
Mary D. Townsend, Executive Assistant

Call to Order

President Wentz called the Executive Committee meeting to order on Friday, November 4, 2016 at 9:00 a.m. ExCom members and staff attended as listed above.

ASHRAE/CIBSE Joint Position Document on Resiliency in the Built Environment Attachment A

Mrs. Graef moved

- (1) that the initiation and development of a new joint CIBSE/ASHRAE position document titled "Resiliency in the Built Environment" be approved.

MOTION 1 PASSED (Unanimous, CNV)

AI -1

Proposed International Award in support of Global Initiatives Attachment B

Mr. Wentz reported there is a major donor interested in proposing the funding of a new international award. The only stipulation is that it be awarded to someone outside North America. The potential donation is approximately \$12,000 to \$13,000 a year with the award eventually being endowed and continued.

Discussion included the following ideas, questions and comments:

- Use applied side similar to IAPMO's new competition by challenging student teams with a specific problem and they are required to design a solution. They work in small groups, then gather and work collaboratively to teamwork the best solution. This involves design, teamwork, collaboration with a hybrid solution.

- Clarify North America as being the United States and Canada.
- Identify the group/groups we would want to recognize:
 - Students, YEA, high performance buildings, or be flexible.
- Is this for one award or divided into several awards annually.
- Money towards specific scholarships
- Prize money for technology award.
- Support the adaptation of Building EQ to student branches.
- Funds to professors internationally that use ASHRAE materials in courses.
- Award for a student competition (solar, building designs)
 - Student competitions engage many people with the award to pay for travel expenses for 3 or 4 award winners to attend the Winter Meeting (i.e. China Student Design Competition).
- Hold competition outside of North America with winners coming to present their technology at an ASHRAE conference.
- Consider the execution of the competition and work with CRCs.
- Collaboration across continents and a mentoring potential.
- Donor willing to have additional dollars added to their contribution or a single award.

Mr. Littleton reported that the donor has expressed interest in presenting the award annually at the Plenary.

Executive Session

The executive session convened at 9:25 a.m. and ended at 10:11 a.m.

Next Meeting

ExAIL Conference Call – November 26, 2016 – 10:00 a.m.

Executive Committee Meeting – January 28, 2017 – 8:30 a.m.

Adjournment

Mr. Wentz thanked everyone for coming. The meeting was adjourned at 10:14 a.m. on Friday, November 4, 2016.



Jeff H. Littleton, Secretary

mdt/2016/11/17

Distribution: Board of Directors
Staff Directors

**Report to ExCom
From Technology Council
November 4, 2016**

Motion Requiring ExCom Approval:

1. Technology Council recommends that BOD ExCom approve the initiation and development of a new joint CIBSE/ASHRAE position document titled “Resiliency in the Built Environment”.

BACKGROUND: Originators of the proposed position document include Hywel Davies (CIBSE) and Sheila Hayter.

The request form for a new ASHRAE position document, including the proposed title, purpose and scope (TPS), background information to justify a position document, and a suggested path forward with timelines, is attached:



Resiliency PD TPS
DRAFT_2016-09-16.d

TechC Vote: 11-0-0, CNV

PROPOSED CIBSE/ASHRAE POSITION DOCUMENT ON RESILIENCY

ORIGINATORS: Hywel Davies and Sheila Hayter

TITLE: ASHRAE/CIBSE Joint Position Document on Resiliency in the Built Environment

PURPOSE:

- To describe what CIBSE and ASHRAE will do to address challenges to creating a resilient built environment
- To provide a universal definition of resilience that includes both changing climate and disaster events

SCOPE:

- Existing and new buildings
- All building systems (comfort, lighting, air quality) that impact the ability of building occupants to continue to use the building for its intended purposes when specific outside events or changing conditions over time impact how those systems perform
- Building envelope design features or strategies that impact the building's ability to provide a safe and comfortable indoor environment, including green infrastructure such as green roofs and sustainable urban drainage systems
- Interactions between buildings (e.g., sharing excess heat/cool/power/etc. with a neighboring building, or the influence of one building on the local microclimate and neighboring buildings) within campuses, communities, portfolios, or other groupings
- Interactions with non-building systems (e.g., electric vehicles linked to the building as an opportunity for energy storage, the electrical infrastructure serving the building, etc.) and with the wider built environment: thinking about the resilience of buildings within the wider local built environment
- Energy generation and storage for individual buildings and multiple interconnected buildings.

BACKGROUND: *(To be reviewed and completed by the Position Document Committee)*

- (Make the case for why CIBSE and ASHRAE prioritize addressing resiliency in the built environment as a key issue impacting both organizations and the global buildings industry.)
- (Describe why ASHRAE and CIBSE are leaders/key players in addressing challenges to creating a resilient built environment)
- There is a growing worldwide interest in the built environment's resilience against the effects of climate change, extreme events resulting from natural or human-induced activity, power outages, and other trends or events that impact a building's ability to provide a safe and comfortable environment for the occupants.
- National and local policy is evolving to include setting goals for carbon reduction and energy efficiency. Clean and alternative energy use are becoming more prevalent in both developed and developing economies.
- There is a growing interest in resource efficiency and in security of resource supplies, such as rare earth materials, that are essential in control and energy storage systems in the built environment, and in the circular economy.
- The limits are presently being pushed for how efficient a single building can become. To continue to achieve efficiency improvements within the buildings sector, advances will

be made to improve the overall performance of multiple buildings interacting with one another, such as in a campus, district, community, city, or other groupings.

- Energy generation and storage at the building site or within the area of a group of buildings that are sharing loads will be a solution for increasing resiliency in the built environment.
- Security of buildings due to natural events or man-made emergencies requires resilience in the operation of many buildings.

SUGGESTED PATH FORWARD AND TIMELINE (CIBSE DATES TBD)

Responsible Person(s)	Action	Due
Ramspeck	Send draft TPS to Document Review Subcommittee (DRSC) Chair Ginger Scoggins and Steve Hammerling for review and approval by DRSC. Copy Davies, Graef, Hayter, and Littleton.	2016-09-19
Scoggins/ Hammerling	Send draft TPS to DRSC for review and approval.	2016-09-20
DRSC	Review and vote on TPS.	2016-09-30 ¹ (Noon ET)
Hammerling	Send results of DRSC vote to Latham.	2016-09-30 (Noon ET)
Latham	With concurrence of Graef, send TPS (if approved by DRSC) to Tech Council for review and approval.	2016-09-30 (COB)
Tech Council	Review and vote on TPS.	2016-10-07 ¹
Davies, Hayter, Ramspeck	Develop suggested list of Position Document Committee (PDC) members, approximately 4 from each organization. Make a suggestion regarding the Cognizant Committee and the PDC chair and solicit his/her suggestions for the roster. (Note: The chair of PDC normally makes the roster recommendations for DRSC and Tech Council approval.)	2016-10-07
---	Tim Wentz meets with CIBSE	2016-10-10
Ramspeck	Send TPS (if approved) to ASHRAE ExCom for approval.	2016-10-13
Tech Council	Approve PDC Chair and roster	2016-10-31
ASHRAE ExCom	Review and vote on TPS.	2016-10-31
CIBSE & ASHRAE Marketing	Announce approval of TPS and initiation of PD. Solicit membership and other interested parties on other additional needs on resiliency. Newsletters, social media, <i>Insights</i> , and other appropriate sources could be considered.	2016-11-01
PDC	Hold first meeting.	2016-11
PDC	First draft PD completed.	2017-01-13
PDC	Discuss 1 st draft and any comments via web meeting.	Week of 2017- 01-16
PDC	Revise draft and vote on final PD.	2017-05-01
DRSC	Vote on final PD.	2017-05-15
Tech Council	Vote on final PD.	2017-05-31
ASHRAE BOD	Review and vote on final Position Document.	2017-06-28

¹ Final vote needed by this date, including any recirculation. Conference call vote is acceptable as well.

From: Mitchell, Kim

Sent: Friday, October 28, 2016 4:38 PM

To: Tim Wentz; Bjarne Olesen; Sheila Hayter; Pat Graef; Walid Chakroun; edward.tsui@intelligent-net.com; gscoggins@engineereddesigns.com; Tim McGinn; Charles Gullledge; Darryl Boyce

Cc: Littleton, Jeff; Abrams, Joyce; Comstock, Steve; Gupta, Vanita; Ramspeck, Claire; Sears, Stephanie; Wright, Craig

Subject: Proposed International Award in support of Global Initiatives

Dear all,

We have a major donor who is interested in possibly funding a new international award. His only stipulation is that it would be awarded to someone outside of North America. I told him that I would reach out to various members of our leadership for ideas.

Because this is so undefined at this point, it is a great opportunity to think outside the box to create one or more awards that would further our global initiatives. We are talking about approximately \$12,000 to \$13,000 per year to be utilized for this purpose. In addition to the annual contributions, this award would eventually become endowed so that it would be continued in perpetuity.

If you have any ideas that you would like to propose, please let me know.

Thank you!

Kim

Kim Mitchell | Chief Development Officer
Extension:1103