



ASHB

Intelligent Buildings Council

**ASHB Intelligent Buildings Council (IBC)
Draft Meeting Minutes**

Tuesday, August 13, 2024
12 NOON - 1:30 PM (ET) via Webinar

IBC Executive:

IBC Chair, Bob Allan (NAVCO, Inc.)

IBC Vice-Chair, Chris Larry (Exp US Services Inc.)

IBC Vice-Chair, Harsha Chandrashekar (Honeywell International Inc.)

IBC Vice-Chair, Robert Lane (Robert H. Lane & Associates Inc.)

Present:

2030 Districts Network, Jiri Skopek

ABI Research, Rithika Thomas

Aircuity, Inc., Dan Diehl

Azbil Corporation, Kazuya Harayama

Belimo Americas, Randi Rosenzweig

bluesalve partners, Rich Bira

Canadian Cyber Threat Exchange (CCTX), Bob Gordon

Clockworks Analytics, David Peck

Cochrane Supply & Engineering, Brian Oswald

Contemporary Controls Systems, Inc., Harpartap Parmar

Daikin Applied Americas Inc., Kevin Greiber

Distech Controls Inc., An Acuity Brands company, Kevin Ridder

Eaton Corporation, M Bhalerao

EBTRON, Inc., Lisa Hickey

Efficio Advisors, Tom Kay

Elipsa, Jeff Kimmel

Energy Management Association (EMA), Karen Shunk

Energy@Work Inc., Amir Kamandlooie

Ezenics, Inc., Ben Kelderman

Ezenics, Inc., Jacob Miller

Harbor Research, Inc., Harry Pascarella

Harbor Research, Inc., Pablo Cruz

Honeywell International, Inc., Brad Hill

Honeywell International, Inc., Max Lopp

Honeywell International, Inc., Scott Lang

Intelligent Buildings, LLC, Andy Fiore

Invicara, Dilli Babu M

Johnson Controls Inc., Bernard Clement

Johnson Controls Inc., Charles Gans

Johnson Controls Inc., Ghulam Khan
Kele, Inc., Drew Markway
Ken Wacks Associates, Kenneth Wacks
Legrand North America, Shana Longo
Legrand North America, Nathan Bartholomew
Mechdyne Corporation, Bijal Krishnadas
Metrikus Ltd., James Palmer
Metrikus Ltd., Michael Grant
Multi-Tech Systems, Inc., Daniel Quant
Natural Resources Canada (NRCan), CanmetENERGY, Marius Farcasiu
NIST (National Institute of Standards & Technology), Amanda Pertzborn
OSAEDA, Praveen Chintakayala
Padi LLC, Anto Budiardjo
Public Services and Procurement Canada/ Government of Canada, Fadel Mahjoub
Realcomm Conference Group, LLC, Sarah Bemporad
Renewed Robotics, Daizhan Ennals
Schneider Electric, Fatma Duran
Schneider Electric, Wayne Stoppelmoor
Siemens Industry, Inc., Chris Pelton
Siemens Industry, Inc., Dustin Basler
Siemens Industry, Inc., Gloria Lloret
Siemens Industry, Inc., Jolynn Kennedy
Siemens Industry, Inc., Katie Weiler
Siemens Industry, Inc., Martin Matzner
Siemens Industry, Inc., Marty Skopnick
Siemens Industry, Inc., Max McLeod
Siemens Industry, Inc., Michael White
Siemens Industry, Inc., Steven Will
Signify, Oscar Deurloo
Signify, Ronnie Koster
Signify, Peter Duine
Signify, Mark Hu
Southwire Company, LLC, Erika Shaughnessy
Strato Automation, Zach Sizer
Streamside Solutions, Dwight Stewart
Sustainable Resources Management Inc., David Katz
Syndesis LLC, Patrick Treadway
TELUS, Ian Cruickshank
The Chicago Faucet Company/Geberit Group, Greg Hunt
Thresholds, Daniel Lach
University Canada West, Dimalka Abeyratna
VITO, Dominic Ectors
Watts Water Technologies Inc., Jay Vath
Yau Lee Holdings Ltd, Andrew Ning

1. **Agenda** – Greg Walker (ASHB)

Greg Walker thanked everyone for attending, outlined the agenda, and alerted everyone that the meeting was being recorded and would be made available to the industry.

2. **Call to Order, Welcome, and Introduction** – Bob Allan (NAVCO)

Bob Allan greeted all attendees and introduced the IBC and IBC Vice-Chairs, Harsha Chandrashekar (Honeywell International, Inc.), Robert Lane (Robert H. Lane and Associates, Inc.) and Christopher Larry (Exp US Services Inc.),

3. **Administrative** – Bob Allan (NAVCO)

Motion to Approve Past IBC Minutes

Bob Allan informed everyone that the meeting minutes from the May 9, 2024 IBC meeting were circulated and posted on the ASHB website in the IBC section: www.ashb.com/ibc.

A motion to approve the May 9, 2024, IBC minutes was moved by Michael Grant (Metrikus Ltd.) and the motion was seconded by Scott Lang (Honeywell International, Inc.). Unopposed motion passed.

4. **Research Update** – Greg Walker (ASHB)



2024 IBC Landmark Research – Smart Building Trends & Technology Adoption

Greg Walker gave a brief overview of Landmark Research Project titled Smart Building Trends & Technology Adoption. This project has garnered support from 16 funders thus far, and ASHB expresses sincere gratitude for their invaluable support and guidance. An RFP went out to ASHB member research firms late last year leading to the selection of Harbor Research by the initial funders. The research will utilize both industry expert interviews and consumer surveys (targeting 300 Commercial Buildings Owners/Operators in Canada and USA and will cover key topics/opportunities to gain an annual perspective of operator needs/outlook). It is essential to note that these projects, collectively valued at approximately \$80K USD, will have an exclusive release to the project's funders.

There are two distinct funding tiers: Bronze, priced at \$5K, which grants access to the

research findings, and Silver, priced at \$10K, enabling participation in the Steering Committee and shaping of the project's direction. For those interested in joining this initiative, please do not hesitate to reach out to us at admin@ashb.com or contact Greg Walker directly at walker@ashb.com.



[Annual BACS Market Sizing North America](#)

Greg Walker gave a brief overview of this annual, invitation-only, market sizing study focusing on building automation control systems. The project will continue in 2024 and 2025 and may be expanded to additional field devices and geographical areas. Ten (10) ASHB members have agreed to fund and participate in this research project:

5. Keynote: Harnessing AI for Intelligent Buildings: Overcoming Challenges and Maximizing Value – Bob Allan (NAVCO) & Harry Pascarella (Harbor Research) (30 min)

Description: In this insightful keynote presentation by Harry Pascarella of Harbor Research, attendees explored the evolving landscape of artificial intelligence (AI) in the context of intelligent buildings. Harry traced the historical development of AI, highlighted its applications in building management, and discussed the progression from basic supervised AI models to advanced unsupervised learning systems. He emphasized the importance of aligning AI technologies with specific customer outcomes, the challenges of integrating AI into existing building systems, and the critical need for proper data collection. The presentation also delved into the practical use cases of AI, such as energy management, predictive maintenance, and occupant safety, illustrating how AI can drive value and efficiency in modern buildings.

6. ASHB Podcast – Marta Klopotoska (ASHB)

Robert Lane outlined ASHB's Podcast series on [Spotify](#) and [Apple Podcasts](#). ASHB's most recent recordings released focused on AI's impact on smart buildings, the evolution of fire safety technologies, and collaborative efforts in solar energy. Contact ASHB to learn how to participate as a guest or host on a future episode admin@ashb.com.

7. **ASHB Whitepapers** – Ken Wacks (Ken Wacks Associates)

An overview was given of the IBC White Paper review process, completed IBC White Papers and papers in progress. IBC White Papers are secondary literature review articles that are approximately 10-20 pages in length. These papers are written and distributed free of charge to inform the industry. For the papers to be approved by the IBC White Paper Sub-Committee (WPSC), they must have significant technical material of relevance to IBC members. They must not contain marketing material or promote an agenda. Any ASHB member can and is encouraged to complete the [white paper proposal](#) on the ASHB website.

All completed and approved ASHB White Papers are placed in the ASHB Public Library, Members Library, ASHB NewsBrief, ASHB Twitter Feed, and ASHB LinkedIn Group and promoted at industry events. To view the IBC White Paper terms of reference, previous IBC White Papers, and additional information, please go to: www.ashb.com/whitepapers.

IBC White Paper Sub-Committee:

- Ken Wacks Associates, Kenneth Wacks
- Consultant, Steve Samson
- Frost & Sullivan, Dilip Sarangan
- National Research Council Canada (NRC), Heather Knudsen
- Sustainable Resources Management Inc., David Katz

8. **ASHB Journal** - Ken Wacks (Ken Wacks Associates)

Ken Wacks presented the ASHB Journal and urged all attendees to contribute their articles for consideration. If you're interested in submitting a proposal or an article, you can reach out to admin@ashb.com or kenn@alum.mit.edu.

9. **Other Business** – Bob Allan (NAVCO)

Bob Allan called for new business related to future IBC Guest/Keynote presentation topics and speakers, new IBC White Papers, new research projects and meeting ideas, etc.

No new business was brought forward.

10. **Announcements** – Greg Walker (ASHB)

Upcoming Events

[BICSI Fall Conference & Expo](#) - September 15-19 | Las Vegas, NV

[IFMA World Workplace](#) - October 9-11 | San Antonio TX – ASHB is attending and has a booth at the show.

[Greenbuild](#) - November 12-15 | Philadelphia, PA

[Smart Living Expo](#) - November 13-15 | Toronto, ON – ASHB is attending and has a booth at the show.

[The Buildings Show](#) - December 4-6 | Toronto, ON

11. Adjournment (1:30 PM ET) – Bob Allan (NAVCO)

The next IBC Meeting will be held in November 2024.

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ASHB IBC meetings are open to ASHB Members and invited guests, and everyone is encouraged to participate. [CLICK HERE](#) for more info on the IBC, past minutes, participants, and terms of reference. Any ASHB Member that attended as a guest will be added to the IBC unless they notify the ASHB office by August 26, 2024, that their name should not be added. Non-ASHB members that attended this meeting as a guest, should contact ASHB at admin@ashb.com, to indicate if they wish to join the IBC or ASHB. [CLICK HERE](#) for more information on the ASHB Benefits and please circulate them to others in your organization.

Regards,

Greg Walker, CAE

CEO

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