



**CABA Intelligent Buildings Council (IBC)**  
**Draft Meeting Minutes**  
Thursday, May 12, 2022  
12 NOON - 1:30 PM (ET) via Webinar

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**IBC Executive:**

IBC Chair, Bob Allan (NAVCO, Inc.)

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

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

**Present:**

ABB, Inc., Julie Petrone

Aircuity, Inc., Daniel Diehl

Aircuity, Inc., Pat Kelly

AKM Semiconductor, Inc., Carl Bengtsson

Albireo Energy, LLC, Hector Lizarraga

Armstrong Monitoring, Stephanie Pichette

AutomatedBuildings.com, Ken Sinclair

Baker Group Automation, Alex Baccam

Baker Group Automation, Russell Zimmerman

Building Intelligence Group (BIG), Ben Wallace

BrainBox AI Inc., Edward Shail

BrainBox AI Inc., Julie Hardesty

BSRIA Inc., Lone Hansen

BSRIA Ltd., Aline Breslauer

CABA, Greg Walker

CABA, Sashien Godakandae

CABA, Marta Klopotoska

CAIL, Lindsay Pick

CAIL, Ron Thompson

Center for Energy and Environment (CEE), Lester Shen

Community Smart Living, Inc. (powered by Netex), Jay Wax

Construction Innovation Hub, Ahmed Alnaggar

Corning Incorporated, Danielle Marlow

Delos Living LLC, Rich Bira

Delta Controls, A Delta Group Company, Drew Perrin

Dewline Security, Doug Smith

Distech Controls Inc., An Acuity Brands company, Efren Marquez

Dwyer Instruments, Inc., Andrew Goldschmidt

E2C Technology, Anno Scholten

Endeavor Business Media, Matt Vincent  
Endeavor Business Media, Patrick McLaughlin  
Endeavor Business Media, Steve Beyer  
Envio Systems, Roberta Ansuini  
ERG Energy Efficiency, Michael Dabbene  
Ford Motor Company, Barbara Pliska  
Honeywell International Inc., Chris Press  
Honeywell International Inc., David Grant  
Honeywell International Inc., Harsha Chandrashekar  
Honeywell International Inc., Kevin Graebel  
Honeywell International Inc., Sathish Nanjappa  
Igor Inc., Kim Johnson  
Ken Wacks Associates, Ken Wacks  
KMC Controls, Inc., Jason Mills  
Layer Zero Services, Chris Frazer  
Multi-Tech Systems, Inc, Daniel Quant  
National Research Council Canada (NRC), Ajit Pardasani  
National Research Council Canada (NRC), Marcel Lavoie  
National Research Council Canada (NRC), Scott Shillinglaw  
NYSERDA, Jerone Gagliano  
Positivo Tecnologia, Bruno Argenton  
Public Services and Procurement Canada, Maria Mottillo  
Rogers Communications Inc., Tim Doran  
RYCOM Inc., Ryan Garner  
Seneca College of Applied Arts & Technology, Filimon Tsionas  
Service Robotics & Technologies, Inc. (SRT Labs), Elliot Barnett  
Siemens Industry, Inc., Bonnie Brook  
Siemens Industry, Inc., Hans-Joachim Langels  
Sodexo Canada Ltd., Daniel Vander Veen  
Southwire Company, LLC, Charles Hume  
Sunbelt Controls, Josh Reding  
Superior Essex Communications, Amir Sekhavat  
Superior Essex Communications, Brian Ensign  
Sustainable Resources Management Inc., David Katz  
tekmar Control Systems Ltd., Greg Leupin  
Telecommunications Industry Association (TIA), Marta Soncodi  
TELUS, Davar Bajelan  
The Hartman Company, Tom Hartman  
Toggled, Rob Schmitz  
TSC - Development, James Smith  
Turner Construction, Janet McElroy  
Watts Water Technologies Inc., Jay Vath  
Waylay, Arabinda Bose  
WiredScore, Stefan Schmidt  
XME, Michael Desjardins  
Your Growth Engine, Kevin McCaughey

**1. Agenda** - Greg Walker (CABA)

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

**2. Appointment of New IBC Chair** - Greg Walker (CABA)

Greg Walker (CABA) thanked Brian Ensign for his work as the IBC Chair, and newly appointed Chair of the CABA Board of Directors.

Greg welcomed newly appointed IBC Chair Bob Allan of NAVCO, Inc. Greg gave an overview of Bob's bio and experience and mentioned that he was a long time vice chair who was appointed to the position by the CABA Board of Directors.

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

CABA member and IBC Chair Bob Allan (NAVCO, Inc.) welcomed everyone and introduced: IBC Vice-Chairs, Harsha Chandrashekar (Honeywell International, Inc.) and Robert Lane (Robert H. Lane and Associates, Inc.), CABA Whitepaper Chair, Ken Wacks (Ken Wacks Associates) and Keynote Speaker, Patrick McLaughlin (Endeavor Business Media). Bob also outlined the role of the IBC.

**4. Administrative** - Bob Allan (NAVCO, Inc.)

**4.1 Motion to approve Past IBC Minutes**

Bob informed everyone that the meeting minutes from the February 10, 2022, IBC meeting were circulated and were posted on the CABA Web site in the IBC section: [www.caba.org/ibc](http://www.caba.org/ibc).

A motion to approve the February 10, 2022, IBC minutes was moved by David Katz (Sustainable Resources Management Inc.), and the motion was seconded by Harsha Chandrashekar (Honeywell International, Inc.). Unopposed motion passed.

**5. Research Update** - Greg Walker (CABA)

**5.1 2022 IBC Landmark Research “[Healthy Buildings and Indoor Environmental Quality](#)”** - Greg Walker (CABA)

Greg gave a brief overview of this 2022 IBC Landmark Research Project, “Healthy Buildings and Indoor Environmental Quality”. Only the funders will receive the full \$130,000 of research but the Executive Summary of the research will be available

to CABA Members. The funders will be meeting, in the very near future, with the two research firms who have submitted RFPs.



There are currently 7 funders on this project and Greg mentioned that the IBC is actively seeking more funders.

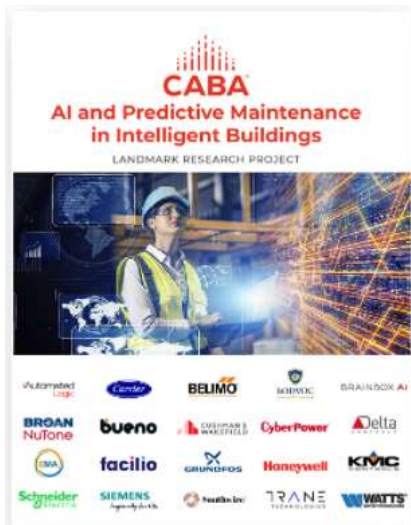


### Funding Levels

Titanium - \$1K      Bronze - \$5K      Silver - \$10K      Gold - \$15K

To become a funder, contact Greg Walker at [walker@caba.org](mailto:walker@caba.org).

### 5.2 2021 IBC Landmark Research “[AI and Predictive Maintenance in Intelligent Buildings](#)” - Greg Walker (CABA)



Greg gave a brief overview of this 2021 IBC Landmark Research Project, “AI and Predictive Maintenance in Intelligent Buildings”. The full report is now available for purchase. The executive summary is available to all CABA members.

### 5.3 Annual “[BACS Market Sizing North America](#)” - Greg Walker (CABA)

Greg Walker (CABA) gave a brief overview of this annual, invitation-only, market sizing study focusing on building automation control systems. The project is continuing in 2022 and may be expanded to additional field devices and geographical areas.

Eight (8) CABA members have agreed to fund and participate in this research project:



### 6. “Smart Buildings Market in 3D: Directions, Dynamics, Drivers” - Harsha Chandrashekar (Honeywell International, Inc.), Patrick McLaughlin (Endeavor Business Media)

Harsha introduced Patrick McLaughlin who presented the keynote and participated in the Q&A.



Patrick McLaughlin  
Director of Content



Description: ESG is a key industry topic, especially now that firms around the world are taking a pledge towards net zero. While there are multiple ways to be sustainable for large commercial buildings, bringing ESG into buildings of less than

20,000 sq.ft and also avoiding risks at the same time, is a little challenging. The presentation will focus on steps that can be taken to minimize carbon impact on the planet.

Patrick McLaughlin: [pmclaughlin@endeavorb2b.com](mailto:pmclaughlin@endeavorb2b.com)

## **7. White Paper Sub-Committee Update - 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 CABA member can and is encouraged complete the new one (1) page white paper proposal template and submit it to [klopotowska@caba.org](mailto:klopotowska@caba.org).

All completed and approved CABA White Papers are placed in the CABA Public Library, Members Library, CABA NewsBrief, CABA Twitter Feed, CABA 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.caba.org/ibc](http://www.caba.org/ibc). All completed CABA White Papers, and those under development, can be found at: [www.caba.org/whitepapers](http://www.caba.org/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

If you or someone that you know would like to join one (1) or more of the following White Paper working groups, please contact Marta Klopotowska (CABA) at [klopotowska@caba.org](mailto:klopotowska@caba.org).

### **In Progress:**

**Ken went on to give an overview of the following in-progress papers.**

#### **“Fire Alarm Systems in Buildings”**

- Canadian Fire Alarm Association (Chair)
- AML Encore Corp./Canadian Fire Alarm Association
- exp. US Services, Inc.

- Honeywell International, Inc.

### **“Architecting Intelligent Self Learning Adaptive Smart Campus Framework for Smart Cities”**

- NAVTAT Solutions (Chair)

### **“OT Cybersecurity as applied to Building Automation Systems for Critical Systems”**

- Mission Critical Global Alliance (MCGA) (Chair)

## **8. Other Business - Bob Allan (NAVCO, Inc.)**

### **8.1 Other new IBC business**

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.

David Katz (Sustainable Resources Management Inc.) recently attended IFMA and suggested a possible co-webinar with the organization and potentially BOMA as the topics line-up well with those of CABA.

David briefly discussed the BIQ ([Building Intelligence Quotient](#)) tool, an online intelligent building assessment and ranking tool, viewed by the industry as the de-facto standard to evaluate building intelligence, is up and ready for use. Developers of this tool are looking for free pilots for any who may be interested.

Daniel Quant (Multi-Tech Systems, Inc) brought up the topic of insurance use cases and risk management in building management systems, topics that were discussed actively in the meeting chat. He mentioned that according to the presentation plumbing ranks low in buildings systems that use smart technology and yet, as one of the CABA members mentioned in the chat, water leak damage is the costliest insurance payout outside of natural event damage. Perhaps, we can look at how insurance and risk management is taken a great influence in this building and facility management segment. CABA may look at having a commercial insurer to present on the impacts of how intelligent building technology relates to insurance premium payouts for a future IBC Webinar.

## **9. Announcements - Greg Walker (CABA)**

### **9.1 Past Events Overview**

[CXEnergy](#) - April 19-22, 2022 | Orlando, FL

## 9.2 Upcoming Events

[Distributech International](#) - May 23-25, 2022 | Dallas, TX

[IFMA World Workplace Europe](#) - June 1-2, 2022 | Amsterdam, Netherlands

[Realcomm | IBcon](#) - June 15-16, 2022 | Orlando, FL

[Lightfair](#) - June 19-23, 2022 | Las Vegas, NV

## 10. **Adjournment** (1:30 PM ET) - Bob Allan (NAVCO, Inc.)

[Next IBC Meeting, Tuesday, August 9, 2022](#)

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CABA IBC meetings are open to CABA 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 CABA Member that attended as a guest will be added to the IBC unless they notify the CABA office by May 25, 2022 that their name should not be added. Non-CABA members that attended this meeting as a guest, should contact Marta Klopotoska [klopotoska@caba.org](mailto:klopotoska@caba.org), to indicate if they wish to join the IBC or CABA. [CLICK HERE](#) for more information on the CABA Benefits and please circulate them to others in your organization.

Regards,

Greg Walker, CAE

CEO

Continental Automated Buildings Association (CABA)

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Phone: 613.518.6742

Web site: <http://www.caba.org>

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