



CABA Intelligent Buildings Council (IBC)
Draft Meeting Minutes
Tuesday, August 9, 2022
12 NOON - 1:30 PM (ET) via Webinar

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:

2accomplish, INC, Igor Sindyakov

ABB E-Mobility Inc., Sami Ahmed

Acuity Brands, Inc., Tanya Hernandez

AI Shading, Catherine Chow

Belimo Americas, Aaron Nobel

Belimo Americas, Tom Daenzer

BKS Digital Connectivity Solutions, Peter Fischer

Bodvoc Ltd., Hugh Boyes

Building Commissioning Association (BCA), Andrew Gledhill

CAIL, Ron Thompson

Canadian Cyber Threat Exchange (CCTX), Bob Gordon

CMG Consulting LLC, Andres Carvallo

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

ConvergeOne, Tony Molinari

Delos Living LLC, John Braley

DesignLights Consortium, Liesel Schulte

DesignLights Consortium, Tina Halfpenny

Dewline Security, Doug Smith

Digital Twin Consortium, Colin Lampley

Distech Controls Inc., An Acuity Brands company, Asim Baig

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

Dwyer Instruments, Inc., Fabian Weber

Ei Electronics US, Inc., Barry Donahoe

Endeavor Business Media, Steven Beyer

EnviroNet Systems, Roberto Martinez

ERG Energy Efficiency, Michael Dabbene

Great River Automation LLC, Matt Metzger

Honeywell International, Inc., Brad Hill

Honeywell International, Inc., David GRant

Honeywell International, Inc., Sathish Nanjappa
Honeywell International, Inc., Balaji Sundaram
IBI Group, Bruno Peters
Infopulse, Roman Zozulia
International Corporate Expansion (ICE) / XME.digital, Matey Nedkov
International Corporate Expansion (ICE) / XME.digital, Victor Kmita
International Corporate Expansion (ICE) / XME.digital, Iryna Manukovska
Jevera, Olena Skoropys
JEVERA Software Solutions, Tatyana Vaskevich
Johnson Controls Inc., Arun Veda
Johnson Controls Inc., Charles Gans
Kele, Inc., Richard Campbell
Ken Wacks Associates, Kenneth Wacks
Lawrence Berkeley National Laboratory (LBNL), Eleanor Lee
Legrand North America, Pete Horton
Mecho, Stephen Hebeisen
Multi-Tech Systems, Inc., Dan Quant
NAVCO Inc., Bob Allan
Neovate Innovation Projects, Jos [Bruins](#)
Picacity AI, Inc., Sumeet Johar
Planon Software, Pauline Perenack
Prasino Energy, Jon Zelinsky
Quest Canada, Scott Hill
RBCG, Ronald Bernstein
Sauter, Roland Hofstetter
Schneider Electric, Barbara Tracey
Semtech Corporation, Byron BeMiller
SI2 Integrated Intelligent Solutions, Jayme Spinola Castro Neto
Siemens Industry, Inc., Andrew Linteur
Siemens Industry, Inc., Christina Kiamili
Siemens Industry, Inc., David Thurow
Siemens Industry, Inc., pornsak songkakul
Siemens Industry, Inc., Benjamin Crowe
Siemens Industry, Inc., Fernando Baptista
Siemens Industry, Inc., Steven Will
Smart Buildings Online LLC, Harry Smeenk
Stelpro, Sergio Marques
Stelpro, Maurice Bouskela
Sustainable Resources Management Inc., David Katz
The Chicago Faucet Company/Geberit Group, Richard Nortier
Watts Water Technologies Inc., Jay Vath

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. **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.).

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

3.1 **Motion to approve Past IBC Minutes**

Bob informed everyone that the meeting minutes from May 12, 2022, IBC meeting were circulated and posted on the CABA Web site in the IBC section: www.caba.org/ibc.

A motion to approve May 12, 2022, IBC minutes was moved by David Katz (Sustainable Resources Management Inc.), and the motion was seconded by Ron Bernstein (RBCG). Unopposed motion passed.

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

4.1 **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 selected Harbor Research to carry out this project.



There are currently 9 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.

4.2 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:



5. “Integration pitfalls while embedding IoT platforms and technologies into the enterprise IT landscape” – Bob Allan (NAVCO, Inc.), Victor Kmita (XME.Digital)

Bob introduced Victor Kmita who presented the keynote and participated in the Q&A.



Victor Kmita
CEO



Description: Gartner data shows that 75% of IoT projects will take twice as long as planned, with significant cost overruns. During the session, Victor will uncover integration challenges that lead to cost overruns and delivery time increases and solutions on how to overcome these problems:

- Data approach
- Platforms and solutions compatibility
- Making Total Cost of Ownership part of business strategy, KPIs and OKRs
- Scalability from the very beginning: planning scalable and flexible architecture instead of quick wins.

Victor Kmita: victor.kmita@xme.digital

6. 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 klopotoska@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. All completed CABA White Papers, and those under development, can be found at: 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 Klopotoska (CABA) at klopotoska@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.

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

- Mission Critical Global Alliance (MCGA) (Chair)

7. Other Business – Greg Walker (CABA)

Other new IBC business

Greg Walker (CABA) 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 CHC business was brought forward.

8. **Announcements** – Greg Walker (CABA)

8.1 **Past Events Overview**

[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

8.2 **Upcoming Events**

[2022 IES Annual Conference](#) - August 18-20, 2022 | New Orleans, LA

[Shanghai Intelligent Building Technology](#) - August 31 – September 2, 2022 | Shanghai, China

[BuildingsNY](#) - September 14-15, 2022 | New York, NY

[Cable-Tec Expo 22](#) - September 19-22, 2022 | Philadelphia, PA

[BICSI Fall Conference & Exhibition](#) - September 25-29, 2022 | Las Vegas, NV

[IFMA's World Workplace](#) - September 28-30, 2022 | Nashville, TN

[Light+Buildings](#) - October 2-6, 2022 | Frankfurt, Germany

[CRE Tech New York](#) - October 12-13, 2022 | New York, NY

[Greenbuild International Conference and Expo](#) - November 1-3, 2022 | San Francisco, CA

[ISA Automation & Leadership Conference](#) - November 7-9, 2022 | Galveston, TX

9. **Adjournment** (1:30 PM ET) – Greg Walker (CABA)

[Next IBC Meeting, Thursday, November 10, 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 August 31, 2022, that their name should not be added. Non-CABA members that attended this meeting as a guest, should contact Marta Klopotoska at 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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