

**CABA Intelligent & Integrated Buildings Council (IIBC)  
Draft Meeting Minutes  
Wednesday, April 2, 2014  
11:45 am – 12:40 pm ET  
Dupont Circle Hotel  
1500 New Hampshire Avenue NW, Washington, DC**

**Present:**

**Jeff Hamilton (Ingersoll Rand/Trane), IIBC Chair**  
**Debra Gondeck-Becker (Honeywell International), IIBC Vice-Chair**

Anixter Canada Inc., Larry Heisler  
Armstrong, Carol Priefert  
Automated Logic Corporation/United Technologies Corporation (UTC), Mike DeNamur  
CABA, Greg Walker  
CABA, Rawlson King  
CABA, Ron Zimmer  
Cadillac Fairview Corporation, Scot Adams  
CoR Advisors, Darlene Pope  
CSA Group, Stephen Brown  
Emerson, Dave Connell  
exp US Services, Tom Lohner  
Frost & Sullivan, Pramod Dibble  
Halton, Josh Villarreal  
Honeywell International, John Isherwood  
Honeywell International, Roger Jones  
Ken Wacks Associates, Ken Wacks  
Lawrence Berkeley National Laboratory, Cindy Regnier  
National Research Council Canada, Trevor Nightingale  
Navigant Research, Benjamin Freas  
Navigant Research, Clint Wheelock  
Navigant Research, Noah Goldstein  
Optimum Energy, Jonathan Shaw  
Overhead Door Corporation, Brent Depperschmidt  
Panasonic, Jamie Evens  
Panasonic, Victor Flynn  
Pella Corporation, Larry Ehlinger  
RTKL & Associates, Darren Vican  
RTKL & Associates, Ernie Beck  
S2K Partners, Michael Singer

S2K Partners, Steve Tolbert  
SCLenergy, Chris Robbins  
Siemens Industry Inc., Raphael Imhof  
SkyFoundry, John Petze  
Smith + Andersen, Srdjan Mioc  
Sustainable Resources Management Inc., David Katz  
Systech, Robert Lutz  
US Green Building Council, Gautami Palanki

## **1. Welcome, Roll Call, and Opening Introductions** – Jeff Hamilton (Ingersoll Rand/Trane), IIBC Chair

Jeff Hamilton welcomed everyone and introduced Debra Gondeck-Becker (Honeywell), Cindy Regnier (Lawrence Berkeley National Labs), Kenneth Wacks (Ken Wacks Associates), and Greg Walker (CABA). Jeff Hamilton thanked everyone for attending, outlined the role of the IIBC, and reviewed the meeting agenda.

## **2. Review Past Minutes** – Jeff Hamilton (Ingersoll Rand/Trane), IIBC Chair

Jeff Hamilton deferred the approval of the past IIBC minutes to the next meeting, so the attendees will have a chance to review the minutes.

## **3. Research Update** – Greg Walker (CABA Research Director)

Greg Walker outlined the three types of research CABA produces: Landmark, Multi-Client Boutique, and White Papers.

- 3.1 Recently Completed IIBC research: Life Cycle Costing of Intelligent Buildings Landmark  
It was noted that this research will be made available for free to all industry stakeholders at: <http://www.caba.org/lccib>
- 3.2 IIBC Landmark Research for 2014: Intelligent Buildings and Big Data Landmark  
There was a discussion that the scope of the topic was too large. It was explained that the research scope will get narrowed during the RFP process and during the steering committee meeting. There was a motion from Greg Walker to formally approve this as the IIBC Landmark Research Topic for 2014. The Motion was seconded by Stephen Brown (CSA Group). Motion passed. Sponsors will be required and the prospectus can be found at: <http://www.caba.org/research/projects/intelligent-buildings-big-data>.
- 3.3 IIBC Landmark Research for 2015 (Tentative): Cybersecurity and Intelligent Buildings Landmark
- 3.4 Multi-Client Boutique Research:

### Market Sizing North America Version 2 (BSRIA)

This project was already approved by the IIBC and CABA and BSRIA are currently seeking sponsors. Greg made a call for sponsors. The current sponsors include: Belimo Controls, Honeywell International, Johnson Controls, MechoSystems, Overhead Doors

Corporation, Panduit Corporation, Philips, Siemens Industry Inc., Schneider Electric, United Technologies Building and Industrial Systems Group/Automated Logic Corporation. Any interested company can still participate and the prospectus can be viewed at: <http://www.caba.org/research/projects/market-sizing-NA-version2>

Zero Net Energy Buildings: Building Automation Driving Success (New Buildings Institute) Greg explained the project and made a motion to approve the project and pursue sponsorship. Tom Lohner seconded the motion. Motion passed. The prospectus can be viewed at: <http://www.caba.org/research/projects/zero-net-energy-buildings>

### 3.5 CABA eStore:

It was explained that a new CABA member service was just launched. CABA has become a reseller of primary research. Companies participating in this initiative are: BSRIA, Compass Intelligence LLC, Memoori, Navigant Research, and ON World. CABA members can receive a 10% discount on retail by ordering here: <http://www.caba.org/estore>.

## **4. IIBC White Paper Sub-Committee (WPSC) Update** – Ken Wacks (Ken Wacks Associates), White Paper Sub-Committee Chair

### 4.1 Approved Proposals

Daniel Drolet (PCN Technology Inc.): Proposal was approved by the IIBC WPSC and the final paper is expected to be presented at the next IIBS WPSC meeting in approximately two (2) months. Darlene Pope (CoR Advisors) suggested the idea of repurposing cable to use legacy systems.

Albert So (Asian Institute of Intelligent Buildings): Proposal was approved by the IIBC WPSC and the final paper is expected to be presented at the next IIBS WPSC meeting in approximately two (2) months. Tom Lohner (Exp) suggested that the ZNE multi-client boutique project could run in parallel with this paper.

Pramod Dibble (Frost & Sullivan): Proposal was approved by the IIBC WPSC and the final paper is expected to be presented at the next IIBS WPSC meeting in approximately two (2) months.

Raphael Imhof (Siemens Industry, Inc.): At the last WPSC meeting, Raphael agreed to write a short cybersecurity proposal and Maurice Okawaki (Frost and Sullivan) agreed to write the paper if approved.

### 4.2 General Discussion and Call for New White Paper Topics

Trevor Nightingale (NRC): Proposed a paper on how building automation can support productivity, with a possible focus on lighting and ventilation.

Carol Priefert (Armstrong): Proposed a paper on how to replace or repurpose older school buildings.

## **5. Industry Profile** – Cindy Regnier (Lawrence Berkeley National Laboratory)

5.1 FLEXLAB Facility

Cindy Regnier gave a very concise and informative presentation on the new FLEXLAB Facility that is being built at LBNL. She outlined how industry and CABA, through collaborative research, could take advantage of the FLEXLAB. A copy of this PPT presentation can be seen at:

<http://www.caba.org/spring-2014-forum-proceedings>

**6. New IIBC Business** – Jeff Hamilton (Ingersoll Rand/Trane), IIBC Chair

Ernie Beck (RTKL & Associates): Asked if the CABA website was available on smartphones. It was mentioned that the CABA website can be accessed currently on mobile devices. CABA is also upgrading their website and a new mobile version will be available.

David Katz (Sustainable Resources Management Inc.): Proposed that the new BIQ (Building Intelligence Quotient) 2.0 be brought forward to the IIBC. It was noted that version 2 of the BIQ should be brought forward to the IIBC for CABA endorsement and support.

**7. Next IIBC Meeting** – Jeff Hamilton (Ingersoll Rand/Trane), IIBC Chair

It was agreed that the next IIBC meeting would be a webinar from 12 noon – 1:30 PM ET on Thursday, June 26, 2014.

**8. Closing Remarks** – Jeff Hamilton (Ingersoll Rand/Trane), IIBC Chair

**9. Meeting adjourned at 12:40 PM ET.**

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You can view the list of IIBC members, IIBC past minutes, etc. at: <http://www.caba.org/iibc>. Don't hesitate to contact the CABA office (613.686.1814 X227/ 888.798.CABA) if you have any questions about the next IIBC meeting.

CABA IIBC meetings are open to CABA members and **everyone is encouraged to participate**. Please forward these draft IIBC minutes to anyone in your organization or the industry.

Regards,

Greg Walker  
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Continental Automated Buildings Association (CABA)  
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