

**CABA Intelligent & Integrated Buildings Council (IIBC)**  
**Draft Meeting Minutes**  
**Tuesday, August 14, 2012**  
**12:00-1:30 PM ET**  
**Conference Call**

**Present:**

**Elizabeth (Liz) Jacobs, Siemens Industry, Inc. (IIBC Chair)**

**Jeff Hamilton – Ingersoll Rand (Vice Chair)**

Cordell Burton – Pella Corporation

Brian Casey – Honeywell International

Marek Dziejdzic – Public Works & Government Services Canada

Dan Finnegan – Siemens Industry, Inc.

Ken Gallinger – CABA

George Grimes – CABA

John Hall – CABA

Jacob Jackson - Assurity Design Group

David Katz – Sustainable Resources Management

Jim Kelsey – kW Engineering

Kyle McNamara – Verizon

Satyen Mukherjee - Philips

Maurice Okawaki – Frost & Sullivan

Darlene Pope – CoR Advisors

Jiri Skopek – Jones Lang LaSalle

Deke Smith – National Institute of Building Sciences

Lisa Stanley – U.S. Green Building Council

Jeremy Towler – BSRIA Limited

Jim Young – Realcomm / IBcon

Ken Wacks – Ken Wacks Associates

Allen Weidman - InfoComm International

Ron Zimmer – CABA

**1. Welcome, Introductions, Review Past Minutes – Elizabeth Jacobs and Ron Zimmer**

Elizabeth (Liz) Jacobs, IIBC Chair, along with Ron Zimmer welcomed everyone to the IIBC meeting and asked for any changes to the agenda or new business.

Everyone identified himself or herself on a roll call and the past IIBC minutes were discussed.

Motion: Moved by: David Katz; Seconded by: Marek Dziedzic

“That the May 9, 2012 IIBC minutes be approved.”

CARRIED

## **2. Research Update – Liz Jacobs/John Hall**

### **2.1 IIBC White Papers Sub-Committee Update**

CABA Research Director John Hall provided the Council with an update of the progress of the IIBC White Papers Sub-Committee. As detailed at the May 9, 2012 IIBC meeting, the Council decided that the first White Papers to be developed for the IIBC should be as follows:

- ROI analysis to quantify the benefits of implementing fully converged technology solutions involving building automation, security and IT infrastructure.
- Commercial energy management using cloud technology.
- The impact of wireless on equipment (HVAC, security, life-safety, lighting, etc.) in the building automation layer.

After recapping the background and purpose of the initiative, John went on to detail the recent progress of the Sub-Committee. The first IIBC White Papers Sub-Committee meeting was held on June 27, 2012, wherein the following was decided:

- It was agreed that – IIBC White Papers be developed for Sub-Committee members, the IIBC and industry participants free of charge; completed white papers would be accessible to all through the CABA public research library; member academic institutions be added to the list of potential vendors in white paper development; each of the three selected white papers have a dedicated “Working Group” of Subject Matter Experts (SMEs) to work on development in conjunction with research vendors and information services; the Sub-Committee appoint a Chairperson and that Working Group organization and vendor outreach continue; and finally, that the Sub-Committee provide regular update reports at subsequent IIBC meetings – for feedback and generation of new ideas.

Subsequent developments in Sub-Committee activities include the following:

- Kyle Mcnamara, Managing Principal, Global Energy & Utilities Vertical, Verizon Enterprise Solutions, has come forward to serve as Sub-Committee Chairperson. Kyle will be convening the next meeting of the Sub-Committee in the second week of September. The purpose of the meeting will be to further solidify the Working Group teams (SMEs) to develop, define and approve white paper development criteria, needs and objectives, and to set a timeframe for the completion of each white paper.
- A draft Sub-Committee Terms of Reference, Vendor information recruitment letters and the Vendor Application will be reviewed at the meeting. Vendor recruitment continues, with IDC Energy Insights committing to work with the Commercial Energy Management Cloud Working Group – and possibly the Wireless Working Group for the development of those two white papers. Most recently, research consultancy IHS/IMS has shown interest in working with the ROI Analysis Working Group for the development of that white paper.
- The IIBC White Papers Sub-Committee currently has nineteen (19) volunteer SMEs, but many have yet to commit to a particular Working Group. This will be addressed at the meeting in September. As well, vendor and information services outreach efforts have identified and contacted eighteen potential vendors to assist the Working Groups in white paper development.
- Next steps for the Sub-Committee will include the following: convene the next sub-committee meeting for September; work with Sub-Committee SMEs and have them join specific working groups of their interest; continue to recruit vendors and information services for each Working Group (ideally, separate vendors for each of the three (3) Working Groups; and finally, begin work on the “Cloud and Energy Management” White Paper with identified SMEs and IDC in the Working Group.

The complete IIBC White Sub-Committee update presentation can be found at: <http://www.caba.org/iibc>. If you or your organization is interested in taking part in this new IIBC initiative, please contact John Hall at 613.686.1814 ext. 227 or at [hall@caba.org](mailto:hall@caba.org).

## **2.2 “Intelligent Buildings and the Bid Specification Process” Landmark Research Project Update**

CABA Research Director, John Hall, updated the Council on the progress of the IIBC “Intelligent Buildings and the Bid Specification” Landmark Research project. Of the fifteen (15) project sponsors, nine (9) were participating in the Steering Committee RFP Team vendor selection process. In total, eight (8) RFPs for the

study were received and scored according to technical merit and financial proposal criteria – as specified in the RFP document. The top two (2) research consultancies were short-listed and provided the opportunity to make their proposal presentations to the Steering Committee RFP Team on Wednesday, August 15, 2012.

Five (5) of the nine (9) Steering Committee RFP Team participated in the teleconference presentations by the vendors. Immediately following the presentations and the question and answer sessions for each, a vote was taken amongst the participants to select the research vendor to conduct the project. The vendor selection vote was by simple majority; with each of the nine (9) organizations having the opportunity to cast one vote either on the teleconference call or submitted by email to John Hall. Frost & Sullivan was chosen by the Steering Committee RFP team to carry out the Bid Specification project. The Frost and Sullivan vendor selection presentation, research prospectus and project webinar can be found at: <http://www.caba.org/research/projects/bid-spec>. The vendor selection was immediately communicated to all Steering Committee members and other project sponsors.

With the vendor selection process finalized, a full **Steering Committee Project Kick-Off** meeting is scheduled for **Friday, August 24, 2012 from Noon – 1 PM ET**. Frost and Sullivan will be presenting the project overview, timing and project deliverables, as well as addressing any questions or considerations from the project Steering Committee. Though participation at the project Steering Committee level is now closed, interested CABA members can still participate in the research project at the Diamond Sponsorship level (\$5K), up until the final project webinar presentation in early December 2012. If you or your organization are interested in participating or learning more about the project, please contact John Hall at 613.686.1814 ext. 227 ([hall@caba.org](mailto:hall@caba.org)) or George Grimes at 613.686.1814 ext. 226 ([grimes@caba.org](mailto:grimes@caba.org)).

In conclusion, the IIBC “Intelligent Buildings and the Bid Specification Process” Landmark Research project is proceeding according to the established timeline and within the project budget.

### **3. Industry Developments:**

#### **3.1 ASHRAE Standards 100 Update – Jim Kelsey**

ASHRAE is creating a standard regarding energy audits. There is an application process to sit on the Council. That process closed earlier this month. However, the council has a disproportionate amount of companies who do energy audits on it and it is out of balance with owners or integrators (VAPS), who pay for energy audits to be done.

Jim Kelsey who is on the Council mentioned that it still might be possible to get an owner/operator or integrator on the Council if someone was interested.

If you have an interest in what ASHRAE is considering for energy audits, you can talk to Jim Kelsey ([kelsey@kw-engineering.com](mailto:kelsey@kw-engineering.com) or 510.834.6420 x604), who is sitting on the ASHRAE 100 committee.

### **3.2 Overview of Fire Safety Codes – Dan Finnegan**

Dan Finnegan gave an overview of the Fire Safety Codes, NFPA 4. The attached document (Appendix A) can be shared and interested parties can go to: <http://www.nfpa.org/aboutthecodes/AboutTheCodes.asp?DocNum=4&cookie%5Ftest=1>

### **3.3 USGBC Update on LEED Changes – Lisa Stanley**

Lisa Stanley, of USGBC, gave an update on LEED V4. The latest version will address the following issues:

- Beta testing
- Reconciling project estimates vs. actual
- Carbon off-sets
- Monitoring
- Support benchmarking

Lisa also mentioned that volume certification continues to grow in the retail sector and companies such as Starbucks, Subway and Coles are examples of this. She invited all participants to register and attend GreenBuild which takes place in San Francisco on November 14-16. She welcomed any feedback and this should be directed to her attention at [stanley@usgbc.org](mailto:stanley@usgbc.org) or 202.431.1240.

## **4. Report on Active Projects:**

### **4.1 Building Intelligence Quotient Tool – Ron Zimmer, Chris Larry, David Katz, Jiri Skopek - <http://www.caba.org/big>**

Jiri Skopek discussed the issues with completing and launching V.2 of the BiQ tool. He explained that it is difficult to reach the target market and end-user. It is also challenging to identify the proper market positioning of the tool. Ron Zimmer discussed the history of the BiQ Tool and mentioned the recent BiQ awards that took place at ASHRAE in Chicago. David Katz indicated that the BiQ Consortium should work more closely with ASHRAE and BOMA. He also mentioned that the next version of the tool should be offered at a discount for CABA members. Ron suggested that the current tool, as it exists today, should be upgraded to V.2. He also recommended that BiQ Tool V.2 be reviewed by the IIBC for future support.

MOTION: Forwarded by Liz Jacobs; Seconded by: Marek Dziedzic

“That CABA not support the current version of the BiQ Tool, but consider support for V.2.”

CARRIED

#### **4.2 Zero Energy Commercial Buildings Consortium - Chris Larry and Tom Lohner**

Chris Larry and Tom Lohner were not available for the call and could not provide an update. Ron Zimmer suggested that anyone interested in the work of the Consortium could view the website at <http://zeroenergycbc.org/>.

#### **4.3 Automation Federation/International Society of Automation - Building Automation System Technical Interest Group (BASTIG) and ISA Unified Functionality for Building Automation Update - Jacob Jackson - <http://www.automationfederation.org/>; <http://www.isa.org>**

Jacob Jackson indicated that approximately half of Automation Federation’s membership was outside of the U.S. He welcomed everyone to join the next face-to-face Fall Leaders Meeting which will be held at Automation Week on Tuesday, September, 25 at the Rosen Center Hotel in Orlando. Details can be found [here](#). Jake also gave an update in the ISA Unified Functionality for Building Automation (ISA 111)

#### **4.4 Task Force on Education and Training - Jim Sinopoli/Gina Elliott - <http://www.caba.org/education-and-training>**

Jim or Gina could not be on the call but Ron thanked them for their efforts in promoting education and training on Smart Building initiatives. He mentioned that any CABA members who are involved with education and training should promote their endeavors on CABA’s website at <http://www.caba.org/education-and-training>

#### **4.5 Report on National Institute on Building Sciences (NIBS) / buildingSMART alliance™ – Deke Smith (Executive Director for the Building Seismic Safety Council and the buildingSMART alliance™ at NIBS and a CABA Board member) - [www.nibs.org](http://www.nibs.org)**

Deke gave an overview and background on NIBS as an organization which acts as a bridge between the private and public building sectors. He described their efforts on BIM and COBie (Construction Operations Building Information Exchange) as an information exchange specification for the life-cycle capture and delivery of information needed by facility managers. COBie can be viewed in design, construction, and maintenance software as well as in simple

spreadsheets. This versatility allows COBie to be used all projects regardless of size and technological sophistication. Full details are available at: <http://www.buildingsmartalliance.org/index.php/projects/activeprojects/25>. Deke also mentioned that the Building Innovation 2013 - National Institute of Building Sciences Conference & Expo is being held January 7-10, 2013 at the Washington Marriott at Metro Center - Washington, D.C. Ron thanked Deke for representing NIBS on the CABA Board of Directors.

4.6  **CABA Proposal on Intelligent Buildings Life-Cycle Tool - Ron Zimmer**

The CABA Intelligent Buildings Life-Cycle Tool is partially complete and CABA plans to seek funding through the Energy Efficiency Buildings Hub (formerly GPIC). If funding is secured then additional work can take place on this new tool.

**5. Next IIBC Meeting – Conference call**

As per the recommendation of Liz Jacobs, the next IIBC meeting will be held in November 2012. Liz thanked everyone who participated on the call and encouraged IIBC members to share their contact information amongst themselves. She also encouraged the IIBC to involve others from their organization in IIBC activities.

**6. The IIBC meeting adjourned at 1:30 PM ET.**

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