



CABA Connected Home Council (CHC) Meeting Minutes

Thursday, October 19, 2017, 12 NOON – 1:30 PM (ET) via Webinar

CHC Chair, Yann Kulp (Schneider Electric)
CHC Vice-Chair, Roy Perry (Alarm.com)
CHC Vice-Chair, Obiorah Ike (ABB Inc.)

Present:

Ardomus Networks Corporation, Chinru Lin
Brainwave Research Corp., Rene Pardo
CABA, Andrew Glennie
CABA, Greg Walker
CABA, Ron Zimmer
CMG Consulting LLC, Andres Carvallo
CSA Group, Julian Mereuta
CSA Group, Michael Wilson
CSA Group, Ruwan Senevirathne
Fulham Co., Inc., Russ Sharer
Harbor Research, Inc., Harry Pascarella
Honeywell International Inc., Sathish Nanjappa
Horizon Technologies Inc., Ludo Bertsch
Hydro One Networks Inc., Ian, Campbell
Hydro One Networks Inc., Mernaz Malozewski
Hydro-Québec, Celestin Ratsimbazafy
Intermatic Inc., Kimberly Durkot
Johnson Controls Inc., Daryl Seay
Ken Wacks Associates, Kenneth Wacks
Panasonic Corporation, Russell Pope
Sustainable Resources Management Inc., David Katz
TELUS, Danny Sran
TELUS, Dasola Oluge
Trifecta Research, Gabrielle Rosenfeld
Vivint Smart Home, Harrison Jenkins
Vivint Smart Home, Jeff Evans
Watts Water Technologies, Inc., Jay Vath
Z-Wave Alliance, Mitchell Klein

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** - Ron Zimmer (CABA)

CHC Chairman, Yann Kulp (Schneider Electric) sends his regrets as he was unable to attend the meeting. Ron Zimmer (CABA) welcomed everyone and introduced: CHC Vice-Chair Roy Perry (Alarm.com), CHC Vice-Chair Obiorah Ike (ABB Inc.), CHC White Paper Sub-Committee Chair Derek Cowburn (Lumen Cache, Inc.) and Keynote Speaker Harry Pascarella (Harbor Research, Inc.). Ron also outlined the role of the CHC.

3. **Administrative** - Ron Zimmer (CABA)

3.1 **Motion to approve Past CHC Minutes**

Ron Zimmer (CABA) informed everyone that the meeting minutes from the July 25, 2017 CHC meeting were circulated and were posted on the CABA website in the CHC section: <http://www.caba.org/chc>. In addition, the CHC terms of reference, members and recorded presentations are also found here.

Motion to approve the July 25, 2017 CHC minutes was moved by Russell Pope (Panasonic Corporation) and the motion was seconded by Celestin Ratsimbazafy (Hydro-Québec). Unopposed motion carried.

4. **Keynote Presentation “Connected Multi-Dwelling Units and the Internet of Things” (30 minute)** - Harry Pascarella (Harbor Research, Inc.)



Harry Pascarella
Harbor Research, Inc.

Harry Pascarella (Harbor Research, Inc.) gave a 30 minute presentation on the CABA CHC “Connected Multi-Dwelling Units and the Internet of Things” Landmark Research. The recorded presentation and PPT can be accessed at: www.CABA.org/chc.

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

5.1 “Connected Multi-Dwelling Units (MDUs) and IoT” Update - Greg Walker (CABA)



Greg Walker (CABA) gave a brief overview of this \$150,000 US CABA 2016 Landmark Research Project. This recently completed research looked at 1,500+ industry surveys and 60 in-depth interviews from key stakeholders. The full research only goes to those who fund the project or purchase the research. The full research is now available for a CABA Member price of \$4,900. For more information or to purchase the research please contact Greg Walker (CABA) at walker@caba.org. The full prospectus and a recorded webinar explaining the project can be found at: <http://www.caba.org/CABA/Research/MDU-IOT.aspx>.

Seventeen (17) CABA members funded this research:



CABA members can receive the Executive Summary of the research by contacting CABA or visiting the CABA Research Library.

5.2 “Connected Home IoT Energy Roadmap” Update - Greg Walker (CABA)



Greg Walker (CABA) gave a brief overview of the 2017 CHC Landmark Research Project, “Connected Home IoT Energy Roadmap”. CABA and the CHC are actively seek funders for this research. To receive this research and become a funder, please contact Greg Walker (CABA) at walker@caba.org. The full research prospectus and webinar recording for the project can be found at: <http://www.caba.org/CABA/Research/ERCH.aspx>

Ten (10) CABA members have joined this research project:



Only the funders will receive the full research.

5.3 2018 CHC Research Topics? - Greg Walker (CABA)

Greg Walker (CABA) lead the general discussion of potential topics for the CHC 2018 Landmark Research project.

Ron Zimmer (CABA) mentioned market sizing for the connected home as a topic for 2018. CHC members were encouraged to submit topics to the CABA staff and CHC executive for consideration.

6. White Paper Sub-Committee Update - Greg Walker (CABA)

An overview was given of the CHC White Paper review process, completed CHC white papers and papers in progress. CHC white papers are secondary literature review articles that are approximately 10 to 30 pages in length. These papers are written and distributed free of charge to inform the industry. All

completed and approved CHC 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 CHC white paper terms of reference, previous CHC white papers and additional information, please go to: <http://www.caba.org/CHC>. All completed CABA White Papers can be found at: <http://www.caba.org/White-Papers>. At this link you can also find the recently completed Intelligent Buildings Council (IBC) white paper, "Intelligent Building Advances in the Quick Service Restaurant Industry".

If you or someone that you know would like to join one (1) or more of the following white paper working groups, please contact Greg Walker (CABA) at walker@caba.org.

CHC White Paper Sub-Committee (WPSC)

Lumen Cache Inc., Derek Cowburn (Chair)
behome247, Michael Walther
Consultant, Brittany Hack
Frost and Sullivan, Konkana Khaund
Harbor Research, Alex Glaser
National Research Council, Heather Knudsen
Navigant Research, Lauren Callaway

6.1 "Enabling Homes with Optical Fiber Solutions"

Working Group

OFS, a Furukawa Company
Frost & Sullivan

Greg Walker (CABA) gave an overview of this paper.

6.2 "The future delivery/business models for Smart Home services and infrastructure"

Working Group

Frost & Sullivan (Author/Chair)
Asian Institute of Intelligent Buildings (AIIB)
BC Hydro
Bedrock Learning, Inc.
Behome247
CaSA Connected Appliances Ltd
Chamberlain Group, Inc.
Independent Consultant
Intermatic Inc.
Northeast Energy Efficient Partnerships (NEEP)
Paremus
Schneider Electric
Sustainable Resources Management Inc.
Sykes Assistance Services Corporation

Z-Wave Alliance

Greg Walker (CABA) gave an overview of this proposal.

6.3 “Distribution trends on the home automation market”

Working Group

Independent Consultant (Author/Chair)

BC Hydro

CSA Group

Intel Corporation

Intermatic Inc.

Northeast Energy Efficient Partnerships (NEEP)

Strategy Analytics, Inc.

Trifecta Research

ZigBee alliance

Z-Wave Alliance

Greg Walker (CABA) gave an overview of this proposal.

6.4 “Artificial Intelligence and the IoT Connected Home”

Working Group

ArcoLogix LLC (Author/Chair)

Argus Insights, Inc.

BC Hydro

Frost and Sullivan

Ken Wacks Associates

Lumen Cache Inc.

Sustainable Resources Management Inc.

Greg Walker (CABA) gave an overview of this proposal.

6.5 “Connected Home Use Case Audit”

Working Group

Trifecta Research (Author/Chair)

Argus Insights, Inc.

Core Brands

Online Trust Alliance (OTA)

Panasonic Corporation

Schneider Electric

TELUS

Z-Wave Alliance

6.6 “Academic Training for the Connected Home and Intelligent Buildings Industries”

Working Group

Bedrock Learning, Inc. (Author/Chair)

Algonquin College of Applied Arts and Technology
Automation Federation
British Columbia Institute of Technology
CEES-Advisors
College of DuPage
Complete Learning Solutions
Electronic Systems Professional Alliance (ESPA)
ETA International
George Brown College
Heartland Community College
Irvine Valley College
Lambton College
Laney College - BEST Center
LonMark International
QUEST
Rio Hondo Community College District
Robert H. Lane and Associates Inc.
Seneca College of Applied Arts & Technology
Siemens Industry, Inc.
Sustainable Resources Management Inc.
Texas A&M University
Wharton County Junior College

6.7 Call for new CHC White Paper topics and volunteers

There was a call for new CABA White Papers. For the papers to be approved by the CHC White Paper Sub-Committee (WPSC), they must contain significant technical material of relevance to CHC members – it must not contain marketing material or promote an agenda. Any CABA member can, and is encouraged to, bring forward a 1-2 paragraph white paper proposal to the WPSC. If needed, CABA will secure a writer and/or a working group for the paper.

7. New Business – Ron Zimmer (CABA)

7.1 Other new CHC business

Ron Zimmer (CABA) made a call to the CHC asking for new business that the CHC should investigate.

Ron mentioned there are still a couple of openings on the CABA Board of Directors, for more information please contact Greg Walker (CABA) at walker@caba.org.

David Katz (Sustainable Resources Management Inc.) mentioned that just Infrastructure Canada just announced a smart city challenge with a prize of \$50 million dollars to the smartest city. They accept technologies from around the world, not just Canadian technologies. There are prizes for the top large city, medium city, small city and indigenous community. For more information please see: <http://www.infrastructure.gc.ca/plan/cities-villes-eng.html>.

Ron Zimmer (CABA) mentioned the new CABA outreach program. Where CABA arranges smaller CABA events and presentations around the world. These events are co-located with other industry events, such as CES International 2018.

8. Announcements - Ron Zimmer (CABA)

8.1 Past Events:

- [Shanghai Smart Home Technology \(SSHT 2017\)](#)
Sept 5-6, Shanghai, China
- [CEDIA 2017](#)
Sept 6-9, San Diego, CA
- [BICSI Fall Conference & Exhibition](#)
Sept 24-28, Las Vegas, NV

8.2 Upcoming Events:

- [Greenbuild International Conference & Expo](#)
Nov 8-10, Boston, MA
- [Smart Home Summit](#)
Nov 15-16, Palo Alto, CA
- [Solar Business Festival \(SBF\)](#)
Nov 29-30, Austin Texas
- [CES International 2018](#)
Jan 9-12, Las Vegas, NV
- [Next CHC Meeting](#)
Jan 2018, Webinar

Ron Zimmer (CABA) gave an overview of past and current industry event in the connected home space.

9. Adjournment (1:30 PM ET) - Ron Zimmer (CABA)

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CABA CHC meetings are open to CABA members and invited guests, and everyone is encouraged to participate. More info on the CHC, past minutes, participants and terms of reference can be found at: <http://www.caba.org/CHC>.

Any CABA member that attended as a guest will be added to the CHC, unless notifying the CABA office by November 15, 2017.

Regards,

Greg Walker
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Continental Automated Buildings Association (CABA)
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Website: <http://www.caba.org>

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