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## **CABA Launches Life Cycle Costing and Intelligent Buildings Research Project**

July 16, 2013

CABA, through its Intelligent & Integrated Buildings Council, has launched a collaborative research study entitled "Life Cycle Costing and Intelligent Buildings".

The core objective of the research project is to identify what needs to be done, and by whom, to make life cycle costing a mainstream criteria for building system evaluation in North America.

The purpose of conducting this collaborative landmark research is to better understand the issues associated with adopting a sound life cycle costing method as a prerequisite for investing in intelligent building solutions.

Life cycle costs analysis calculates the cost of a building system over its entire life span. The process allows commercial property owners and operators to analyze the long-term impact of construction processes and infrastructure costs on forecasted operational costs throughout the expected life of a building.

CABA's research project will identify barriers to adopting life cycle costing and determine what issues need to be rectified in order to make life cycle cost processes more understandable.

The report will outline the current state of life cycle cost adoption in today's commercial buildings market and identify the key influencers and decision makers across the industry value chain. The report will also identify what are the most effective life cycle cost value propositions that resonate with these decision makers. The research will also be designed to identify the challenges and opportunities that exist for broader adoption of life cycle costs techniques within the value chain and identify who is best positioned to carry the value proposition to decision makers and develop recommendations.

"Due to its beneficial nature, CABA hopes this research will aid the industry by increasing awareness about life cycle costs analysis and the benefits it can provide," stated Ronald J. Zimmer, CABA President & CEO. "CABA has a long history of conducting research about life cycle costing and is committed to increase its adoption throughout the intelligent building industry."

A previous CABA assessment conclusively found that office buildings of 50,000 to 100,000 square feet demonstrated the best return-on-investment for integrated systems, but that there was a lack of tools to evaluate the overall life cycle costs of implementation. As a consequence, CABA previously undertook the development of a life cycle analysis tool, along with a well-received industry white paper. CABA's new study will build upon this legacy.

Sponsors of the “Life Cycle Costing and Intelligent Buildings” research study include: Cadillac Fairview Corporation Limited, Hydro One Networks, Hydro-Québec, Honeywell, Johnson Controls, Ingersoll Rand/Trane, Legrand/WattStopper, Microsoft Corporation, PCN Technology, Inc., Philips, National Institute of Building Sciences/buildingSMART alliance, Public Works and Government Services Canada, Siemens Industry, Inc., and The Siemon Company.

CABA has contracted Frost & Sullivan to undertake the research and expects the study to be completed by October 2013. The study is a major initiative of the CABA Research Program, which offers a range of opt-in technical and advisory research services designed to provide industry stakeholders with collaborative research and R&D opportunities. For more information, please see [www.caba.org/research](http://www.caba.org/research).

To learn more about this research project and CABA membership, please contact George Grimes, CABA's Business Development Manager at 613.686.1814 x226 or at [grimes@caba.org](mailto:grimes@caba.org).

CABA conducts a wide range of research activities that can benefit your company or organization. Once the report is complete, it will be made available free of charge in order to educate industry stakeholders.

### **About CABA**

The Continental Automated Buildings Association (CABA) is a leading industry association that promotes advanced technologies in homes and buildings in North America. More information is available at <http://www.caba.org/>.

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