



Continental Automated
Buildings Association

**Your Information
Source
for
Home & Building
Automation**

**North America's
Home & Building
Automation Association**

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CABA FACILITATES NEXT GENERATION DEMO BUILDING RETROFIT PROJECT WITH GOVERNMENT OF CANADA

May 16, 2005

CABA and the Government of Canada are collaborating to transform a 50-year research facility into a showcase of intelligent building technologies.

Through a joint project with the National Research Council (NRC) and Natural Resources Canada (NRCan), CABA will manage a building evaluation that will determine the feasibility of converting a large NRC office and laboratory facility into a retrofitted, high performance, next generation building.

Both the NRC and NRCan's Federal Building Initiative (FBI) will jointly fund the project. The FBI assists federal departments and agencies reduce energy and water consumption and greenhouse gas emissions in their facilities. The funding will be allocated to a phase one concept design report that will provide CABA and NRC with various options and recommendations related to the improvement and upgrade of building controls and automation systems installed in Building M-20 at the main NRC research campus in Ottawa. In 2005, the building housed both the offices of the Institute of Research in Construction, a CABA Board member, and the CABA secretariat.

"We are pleased that the Government of Canada is steadfastly working towards implementing intelligent technologies throughout its buildings," stated Ronald J. Zimmer, CABA President & CEO. "Supporting this initiative will help the Government's effort in creating the winning conditions to meet its climate change objectives."

The development of a "NexGen" building would become a showcase and an example of the innovation and cost savings that can be achieved through the applied use of integrated technologies. TENG Solutions, a specialized, value-added, integrated buildings technologies services organization, will be contracted to develop the phase one concept design report.

The report will examine utility metering and monitoring; heating, ventilation, air conditioning (HVAC); safety, access and power systems; lighting control; and internetworked communication infrastructure. The report, slated for completion in June, will recommend changes and project timelines and estimated costs needed to introduce and implement NexGen building technologies. The report will constitute the basis of the second phase of the project, which will encompass a complete retrofit of the building, using the latest technologies.

"The NRC is delighted to be working with both the Federal Building Initiative and CABA on this project," said Subash Vohra, Director General, Administrative Services and Property Management Branch, National Research Council. "This joint project is an important one and will define

the requirements to develop a building based on the latest intelligent building and energy management technologies."

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 www.caba.org.

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