



Greater Toronto  
Every Building Greener



## NOVEMBER NEWSLETTER

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#### [Biomass Energy from Urban Wood Residue](#)

November 4, 2015, 7:00-9:00pm

City of Toronto Archives, 255 Spadina Road

What is the future of biomass energy? Is urban wood residue a viable option?

Low -Value Wood is minimally used for structural work given that higher quality wood can easily be sourced. High-value urban wood is often salvaged for furniture and interior design. The residual, low -value wood by-products have been mainly used for mulch or for heating purposes. The City of Toronto has been exploring opportunities to re-purpose this wood residue as a biomass energy source. While this application has not been typically in North American urban centres, it is a common practice in Europe for the purposes of eco-district heating, etc. The Biomass Energy from Urban Wood Residue event, sponsored by *Viessmann* and co-hosted by the *City of Toronto*, will touch on the status of biomass availability and the bio-economy in Ontario, northern Ontario energy initiatives, as well as some pilot biomass energy use frameworks being implemented by a number of municipalities to support biomass energy generation around the Greater Toronto Area.



#### [LEED Breakfast Series Session IV: Smart and Connected Buildings](#)

November 12, 2015, 7:30-9:30am

Territories Room, Fairmont Royal York Hotel

Smart Buildings offer unique value compared to yesterday's disconnected buildings – tenants are asking for new technology-enabled experiences, property owners and managers are looking for innovative ways to drive down operations costs and impacts while constructors are striving to build a greener, better new building for less capital expense.

Please join us, Presenting Sponsor *Delta Controls*, and Silver Sponsor *Ivanhoe-Cambridge*, for the final LEED Breakfast Session of the year. We will hear unique perspectives from an owner looking to adopt smart building strategies, a technology integrator with experience in both healthcare and commercial offices, and an innovative product supplier that is deploying connected devices and services.



[Dynamic Plaque Tour](#)

November 26, 2015, 5:30-7:00pm  
 25 York Street

Join the Greater Toronto Chapter of the Canada Green Building Council and Menkes Property Management Services for a live demonstration of Canada's first LEED Dynamic Plaque and a tour at 25 York Street. Sponsored by *Menkes Property Management Services*, this tour will give participants the opportunity to learn about the installation, occupant interaction, early data findings and other best practices. More details to come!



[Materials Summit](#)

December 1, 2015, 8:00am-5:00pm  
 Registration begins at 7:30am

Sears Atrium, Faculty of Engineering & Architectural Science Building, Ryerson University

The Toronto Materials Summit is a one day workshop that delves into the issues surrounding materials and their impacts on health and the environment. Delegates will hear first-hand from industry leaders and experts about the new tools, programs and ideas surrounding building materials and their impact on human health and the environment. With the introduction of LEED v4, there is greater demand and commitment to phase out materials which have negative human and environmental impact, with particular focus on the life-cycle and re-purposing of materials. Product specifiers will learn how they can use the information and assessment tools that are becoming available in order to choose healthier, more sustainable products. If you want to learn more about how material production and selection is changing the way we design and build buildings, then you'll want to be join us at the Materials Summit. Thank you to our lunch sponsor, *EcoSpex*, our two break sponsors, *B+H Architects* and *Green Reason Inc.*, and program partner *Perkins + Will*!



[Chapter Membership Appreciation Event](#)

December 3, 2015, 12:00-1:00pm  
 802B, South Building, Metro Toronto Convention Centre

The Greater Toronto Chapter has had one of the most successful years to date thanks to our members, sponsors, and followers! We wanted to share and recognize all of the great achievements of 2015 and tell you what you can expect to see in 2016. Join us in celebrating these incredible

and collaborative strides at a special luncheon, sponsored by *Informa*, on December 3rd!

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## NEWS

### 1) In Memoriam

Sadly, Andres Bernal, a beloved member of our green building family passed away this September. His loss will be felt across the GTA and the Chapter sends condolences to his family. There will be a Celebration of Life held for Andres on November 14, 2015. More details below:

Venue: Verve Condo Party Room

Address: 120 Homewood Avenue

Time: Drop in between 4pm – 8pm

Please RSVP to [jordanalaporte@gmail.com](mailto:jordanalaporte@gmail.com) by Wednesday, November 4, 2015.

In lieu of flowers, the Bernal family asks that donations be made to [Project Neutral](#).

### 2) Seminar Registration is Now Open for Construct Canada

The Buildings Show, the leader in sourcing, networking and education for the North American design, construction and real estate community, brings together Construct Canada, PM Expo, HomeBuilder & Renovator Expo, World of Concrete Pavilion, and IDEXCanada at the Metro Toronto Convention Centre, December 2 – 4, 2015. With continuing strong market interest in sustainability and energy and environmentally-efficient buildings, this year's seminar program will focus on processes, technologies and solutions that support energy efficiency, sustainable design, and high performance buildings:

- Key Lessons Learned from the First and Second Generation of Green Buildings
- Getting It Right: Designing New Buildings to Manage Waste Cost Effectively From Day One
- Beyond Environmental Sustainability: The WELL Building Standard Affecting Human Health
- New and Innovative Green Building Products: An Update on the Latest Technologies, Materials and Systems
- Controlling Energy Use to Reduce Operating Costs

Browse the full [Seminar Program](#) and register today!

### 3) Graduate Program in Building Science Information Session

The Graduate Program in Building Science at Ryerson University is an interdisciplinary graduate program unique in Canada. It offers students an opportunity to explore the building science principles necessary to deliver sustainable buildings. Students investigate the principles that will lead to living and regenerative buildings, including how to improve energy efficiency, improve durability, reduce resource consumption and waste generation, improve indoor environmental quality, and reduce greenhouse gas emissions in both new and existing buildings.

If you are interested in the program see <http://www.ryerson.ca/graduate/buildingscience/> for more details and come to the **information session** on Thursday, November 26<sup>th</sup>. The session is free for anyone to attend. Please [click here](#) to register.

### 4) Province Moves on Mandatory Energy Benchmarking

Last week the Province introduced [legislative amendments](#) to enable implementation of a mandatory energy and water reporting and benchmarking initiative for large buildings across Ontario. Energy benchmarking and reporting policies are a proven tool for improving energy efficiency, and also provide a foundation of knowledge for developing and improving policies and programs to address energy use and GHG emissions in buildings. The Chapter has been working actively through its Advocacy Committee to encourage municipal and/or province-wide adoption of this type of policy. The final details on which buildings will need to report and when will be released in a subsequent regulation within the next few months. We congratulate the province on taking this important step.

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## OCTOBER CERTIFICATIONS

Congratulations to the 31 Canadian projects that achieved LEED certification in October. 10 of these were in Ontario, some of which have been listed below:

- 33 Bloor (Toronto) LEED Canada EB:O&M - Gold
- Alliance Française Toronto (Toronto) LEED Canada NC - Silver
- Holland Cross (Ottawa) LEED Canada EB:O&M - Gold
- John Noble Home Long Term Care B & C Addition (Brantford) LEED Canada NC - Silver
- Lakeside Residences (Keswick) LEED Canada NC - Silver
- Meadowvale Distribution Centre (Mississauga) LEED Canada CS - Certified
- Parkway Mall - Building D3 (Scarborough) LEED Canada CS - Silver
- Residences of Avonshire Inc. (Toronto) LEED Canada NC - Gold
- St. Catharines Kwanis Aquatic Centre and Dr. Huq Family Library Branch (St. Catharines) LEED Canada NC - Silver
- The Cora Building (Waterloo) LEED Canada NC - Gold

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## UPCOMING EVENTS & WORKSHOPS

- [Biomass Energy from Urban Wood Residue](#)  
November 4, 2015 - City Archives, Toronto
- [LEED Breakfast Series Session IV - Smart and Connected Buildings](#)  
November 12, 2015 - Fairmont Royal York Hotel, Toronto
- [LEED Dynamic Plaque Tour](#)

November 26, 2015, 25 York Street, Toronto

- [Materials and Health Summit](#)  
December 1, 2015 - Sears Atrium, Faculty of Engineering, Ryerson University, Toronto
- [Chapter Membership Appreciation Event](#)  
December 3, 2015 - Metro Toronto Convention Centre, Toronto
- [LEED v4 Green Associate Study Course](#)  
December 8-9, 2015 - Evergreen Brick Works, Toronto
- [Green Homes Summit](#)  
January 28, 2016 - Black Creek Pioneer Village, Toronto

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## UPCOMING WEBINARS

- [Creating a Collaborative Workplace Culture: Webinar Series](#)  
September 25 - November 20, 2015
- [Applying the NECB to LEED v4](#)  
November 4, 2015
- [LEED v4 BD+C Exam Study Course](#)  
November 4 - 25, 2015
- [Protecting Canadian Homes & Buildings from Toxic Radon Gas](#)  
November 9, 2015
- [LEED v4: Introduction to Homes and Midrise Projects](#)  
November 12, 2015
- [Reduced Mercury in Lamps: An Innovation Strategy for D+C](#)  
November 18, 2015
- [Targeting LEED v4 Platinum A Homes Case Study Part 2](#)  
November 19, 2015
- [Declaring Environmental Impacts of Products: PCR's to EPD's](#)  
November 26, 2015

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## PARTNER EVENTS

- [ASHRAE Toronto/ TSMCA Dinner Meeting](#)  
November 2, 2015 - Sheraton Parkway Hotel, Richmond Hill - TONIGHT!
- [The Living City Campus: Certified Inspector of Sediment and Erosion Control in Toronto](#)  
November 4-5, 2015 - Black Creek Pioneer Village, Toronto
- [Green Drinks](#)  
November 18, 2015 - Grace O'Malley's, Toronto
- [The Living City Campus: Erosion and Sediment Control Installer - Accredited Professional Program](#)  
November 25-26, 2015 - Black Creek Pioneer Village, Toronto
- [The Living City Campus: Solar Wind Energy Electric System Introduction](#)  
November 28, 2015 - The Living City Campus, Kortright Centre, Vaughan
- [The Living City Campus: Off Grid and Emergency Back Up Systems](#)  
November 29, 2015 - The Living City Campus, Kortright Centre, Vaughan
- [The Buildings Show - Construct Canada](#)  
December 2-4, 2015 - Metro Toronto Convention Centre, Toronto

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Thank you to our generous Chapter Sponsors!

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