



## April 2015 Newsletter

### FEATURES



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### SPRING OPEN - Registration is now open!

#### EVENT DETAILS

The evening will kick-off with tours and will continue with networking, complimentary drinks and hors d'oeuvres, followed by our crowd pleasing Building-Blitz.

The following buildings will be featured in our Building Blitz:

- **RBC WaterPark Place:** Host of this event, this building is aiming to be the city's first office building to achieve LEED Platinum for Core and Shell!
- **25 York Street:** This building is LEED Gold for Core and Shell, LEED Gold for Commercial Interiors (Desjardins Securities Inc.), LEED Silver for Commercial Interiors (HudBay Minerals Inc.) and will be the first project in Canada to utilize the LEED Dynamic Plaque!
- **438 University Avenue:** This multi-tenant office building constructed in 1992 is LEED Gold for Existing Buildings: Operations and Maintenance: 2009!
- **Orillia Public Library:** This building is LEED Silver for New Construction and Major Renovations 1.0! Learn about how this unique green building caters to many interests and plays host to a variety of public spaces including a library, an outdoor music space and a farmer's market!
- **Forensic Services and Coroner's Complex:** Creates a unique central gathering space called the Forensic Commons to enhance collaboration between the following agencies: the Toronto operations of the Center of Forensic Sciences (CFS), Office of the Chief Coroner (OCC), and the Ontario Forensic Pathology Unit (OFPU). This building is LEED Gold for New Construction and Major Renovations 1.0!
- **Hadden Hall:** is heated and cooled by a state-of-the-art geothermal system located under the soccer field. This building is LEED Gold for New Construction and Major Renovations!
- ...and more!

RBC WaterPark Place is where the modern Toronto workplace is headed. Aiming to be the city's first LEED® Core and Shell Platinum office building, it is the evolution

of efficient, sustainable building design. With 360-degree views, intelligent amenities, and the only indoor tunnel PATH connection to the waterfront, RBC WaterPark Place is a smart building, in a very smart location. To learn more about this building, please read the [spring 2014 feature article](#) in [Toronto FOCUS](#) (page 10).

Tours of the new Cisco and RBC office spaces will be offered exclusively to Chapter members. If you are not yet a Chapter Member, please [register here](#).

**REGISTER NOW**

#### AGENDA

5:00 – Members only tours  
6:00 – Registration and networking  
7:45 – 8:00 – Building Blitz presentations  
8:30 – Event concludes

#### COST

Members: \$40 + HST (Price of ticket includes a member exclusive building tour, complimentary drinks and hors d'oeuvres)

Not-Yet Members: \$55 + HST (Price of ticket includes complimentary drinks and hors d'oeuvres)

## GREEN PROFESSIONALS BUILDING SKILLS TRAINING



[WWW.GPROCANADA.ORG](http://WWW.GPROCANADA.ORG)

### GPRO Canada - Spring Registration is Now Open!

[GPRO Canada](#) is now accredited under the **Canadian Construction Association (CCA)'s National Gold Seal Certification Program**. Gold Seal aims to manage nationally recognized standards of education, experience and excellence for all construction practitioners in Canada. GPRO Canada courses fall under the Construction and the Environment section of the National Curriculum Standard, Gold Seal's accredited education and training list. Two credits will be approved upon completion of each GPRO Canada course, consisting of the Fundamentals and specialty module. For more information about **upcoming courses**, please click on a link below:

- [GPRO Mechanical & HVAC-R Course](#)  
May 12 & 13, 19 (EXAM) 2015 - Black Creek Pioneer Village, Toronto
- [GPRO Construction Management Course](#)  
June 23 & 24, 29 (EXAM) 2015 - Black Creek Pioneer Village, Toronto

#### The [Canada-Ontario Job Grant](#) can subsidize CaGBC-GTC education!

Under this program, the province can support employers in taking a greater role in their workforce skills development. Employers get reimbursed for up to two-thirds of the cost of training! To read more about how this grant works and to determine whether your organization meets eligibility requirements, please contact [ACCES Employment](#).



## Sponsorship Opportunities Available for the 2015 CaGBC Greater Toronto Chapter Gala and Awards!

If you are interested in learning more about sponsoring the 2015 CaGBC Greater Toronto Chapter Gala, please [click here](#) to see the Sponsorship Prospectus!

### NEWS

#### 1) Chapter Elections

Nominations for three positions on the Greater Toronto Chapter's Board of Directors will commence on Monday, April 13, 2015. Submission details and deadlines will be posted on our [website](#) shortly. Current Greater Toronto Chapter members are invited to run.

#### 2) Ryerson University Undergraduate Program in Building Science Accepting Applications for September 2015

The Master of Building Science program targets students who are interested in deepening their knowledge and skills in the areas of building performance, measurement, building renewal, indoor environment quality and comfort, construction processes, testing/modelling, forensic investigation, and innovation, and how they are relevant to sustainable design. The program has a strong interdisciplinary character and is open to candidates from a variety of educational and professional backgrounds, such as architecture, building science, civil engineering, mechanical engineering, landscape architecture, and construction. Students' exposure to colleagues with different professional and cultural backgrounds is an essential ingredient of the program. For further information about the program and admission requirements, please visit the [program website](#).

#### 3) Review of Demand Side Management (DSM) Framework

This past December 2014, Ontario released the revised Demand Side Management (DSM) Framework for Natural Gas regulation that will govern natural gas conservation programs over the next six years. The new regulation provides an update to the now expired previous framework and works to serve the Province's Conservation First energy policy established in June 2014. This program will play an important part in meeting the Province's and City of Toronto's ambitious 2020 Greenhouse Gas (GHG) reduction targets. Natural gas usage accounts for 30% of provincial and 35% of city GHG emissions solely used for heating. The new framework includes a number of developments in comparison to its predecessor. The allocation of funds towards conservation programs has increased from \$65 million to \$135 million per year. Conservation programs can now also demonstrate added social and environmental benefits within their total cost-effectiveness evaluation. Shareholder incentives have not increased, which could allow utilities to fall short while they are trying to meet the stricter performance requirements under the new framework in the coming years. Lastly, conservation by industrial consumers, which account for 25% of provincial natural gas usage and emissions, is being relied upon solely through basic business incentives (i.e. operating cost reductions) and incentives-based programs will not be included under the new framework. We recognize the positive developments of the revised DSM Framework for Natural Gas and look forward to on-going conservation developments province-wide in this and other complimentary programs. For a more in-depth review of the Framework, provided by Toronto Atmospheric Fund, please [click here](#).

#### 4) EcoSpex is Hiring

EcoSpex is seeking 2 professionals for the following contracts: **Sustainable Researcher Verifier** and **Business Development Utility Sector**. If you are interested in learning more about either of these opportunities or to apply, please send a brief covering letter to [Julie Scarcella](#) no later than April 19, 2015. For more information about EcoSpex, please [click here](#).

#### 5) RBC makes an impact with daytime cleaning

Have you ever looked out at the skyline at night and wondered why so many offices are lit up? Often our working hours need to be aligned to global operations, but RBC is working to find innovative ways to reduce lighting loads that support its [commitment to reduce GHG emissions intensity by 20% by 2018](#). In 2011, RBC introduced daytime cleaning, which involves having light cleaning performed during the day. This enabled RBC to reduce lighting hours, energy use and the risk of migratory birds striking our buildings at night. Daytime cleaning has rolled out at the new RBC WaterPark Place in Toronto and is well supported by employees.

#### 6) Spring 2015 Toronto FOCUS

We are pleased to share with you our 2015 Spring [Toronto FOCUS supplement](#) in partnership with SABMag. In this edition, the Chapter revealed how some

sustainable building technologies are being used in Southern Ontario, and their benefits to our built environment. Please [click here](#) to read the issue!

#### 7) 2030 Integration Protocol Project Invitation and Spring Retreat

The Construction Resource Initiatives Council invites you to attend their International Integration Retreat, taking place in May. If you are interested in attending the retreat, please [send them an email](#) to receive more information.

#### 8) A Philips lighting system: an “out of the box” innovation

Cisco Systems' new HQ office in downtown Toronto is employing a first-of-its-kind lighting installation in Canada. Rather than wiring this new lighting system to an electrical box, it'll be connected to fibre optic cables for power. Cisco partnered with Philips Lighting who provided a ground-breaking connected lighting system which uses Power-over-Ethernet (PoE) to join lighting fixtures to a building's IT network. Each Philips fixture has its own IP address which can be controlled from a computer or smartphone, and offers numerous benefits to occupants, facility managers and building owners. As such, tenants and facility managers will be able to view their energy consumption and other metrics in real-time, as well as historical views of building utilization. Occupants can tweak their lighting for greater visual comfort and productivity, such as dimming to reduce glare. Cisco also plans to install motion sensors so unoccupied rooms won't waste power with full lighting. Should a space need to be reconfigured, moving lighting fixtures will be much simpler, since no new electrical wiring would need to be run. In fact, because the lights get their power over Ethernet, a power failure would have less impact as the network is protected by uninterruptible power supplies (UPSes). According to Cisco Canada president Bernadette Wightman, RBC WaterPark Place will be the first truly smart building in North America.

#### 9) 2015 Andy Kesteloo Memorial Student Project Award

The application process is now open for the 2015 Andy Kesteloo Memorial Student Project Award, an annual award that recognizes an innovative student project that demonstrates leadership and creativity, and encourages sustainability in the planning, design, construction, maintenance and renovation of buildings. Applications are due by April 27, 2015. Please note that students must be willing to have their project highlighted at CaGBC's Building Lasting Change conference. Further information, including eligibility criteria and an application form can be found on [CaGBC's website](#).

#### 10) Submissions Now Open for the 2015 Innovation in LEED Awards

Projects and individuals that demonstrate advancement in the green building industry in Southern Ontario will be recognized at the Chapter's annual CaGBC Greater Toronto Chapter Gala and Awards evening. Four Innovation in LEED Awards and the Innovation in Sustainability Award will be selected by our panel of experts. A separate panel will evaluate the individual and enviroSCULPT awards. The 8 awards will include: Innovation in LEED Award (New Construction/Core and Shell); Innovation in LEED Award (Commercial Interiors); Innovation in LEED Award (EB:O&M); Innovation in LEED Award (Residential); Innovation in Sustainability Award (projects, programs or policies that are exceptionally innovative, but not necessarily tied to LEED); Greater Toronto Chapter (GTC) Volunteer Award; Greater Toronto Chapter (GTC) Leader Award; and the Emerging Green Builder (EGB) enviroSCULPT Award. Please take note of the following important dates: deadline for submissions is August 14, 2015 for the Innovation in LEED Awards, Innovation in Sustainability Award and the Individual Awards and October 1, 2015 for the enviroSCULPT Award. Finalists for all awards (with the exception of the enviroSCULPT Award) will be announced on September 18, 2015. Winners will be announced and presented with their awards at the Chapter's annual Gala at the Arcadian Court in Toronto. To view last year's award winners and finalists, please [click here!](#)

#### 11) Toronto Joins Established 2030 Districts - First in Canada

With the signing of the 2030 Districts Charter, between Sustainable Buildings Canada and Architecture 2030, Toronto joins eight progressive cities in announcing the first 2030 District outside of the United States. Encompassing the downtown core from Dupont to Lake Ontario, and the Don Valley to Bathurst, the landmark district will target immediate reductions, working to cut District-wide emissions in half by the year 2030. Read more about this exciting achievement [here](#).

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#### MARCH CERTIFICATIONS!

Congratulations to the 52 Canadian projects that achieved LEED certification in March. Seventeen of these were in Ontario, some of which have been listed below:

- AECOM Kitchener Office (Kitchener) - LEED Canada CI Certified
  - CBRE Ottawa Office (Ottawa) - LEED Canada CI Silver
  - Siemens Canada (Oakville) - LEED Canada CS Gold
  - 1859 Leslie Street (Toronto) - LEED Canada CS Silver
  - MaRS - Phase 2 (Toronto) - LEED Canada CS Gold
  - Constitution Square (Ottawa) - LEED Canada EB:O&M Platinum
  - Community Services Department Service Building (Cambridge) - LEED Canada NC Gold
  - Deer Park Villa Long-Term Care Home (Grimsby) - LEED Canada NC Silver
  - Goodes Hall West Wing (Kingston) - LEED Canada NC Gold
  - Hazel McCallion Campus - Phase 1 (Mississauga) - LEED Canada NC Gold
  - Lakehead University Cafeteria and Bookstore, Orillia Campus (Ottawa) - LEED Canada NC Silver
  - Canada Post Ottawa Delivery Depot Iber Road (Stittsville) - LEED Canada NC Certified
  - Peter Gilgan Centre for Research and Learning (Toronto) - LEED Canada NC Gold
  - Leaside Village (Heritage Building)(Toronto) - LEED Canada NC Gold
  - West Village Building B (Toronto) - LEED Canada NC Gold
  - Waterloo Waste Water Treatment Plant Expansion - Administration Building (Waterloo) - LEED Canada NC Silver
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## UPCOMING EVENTS & WORKSHOPS

- [Spring Open](#)  
April 30, 2015 - RBC WaterPark Place, Toronto
  - [LEED v4 Green Associate Study Course](#)  
May 6 & 7, 2015 - Evergreen Brick Works, Toronto
  - [GPRO Mechanical & HVAC-R Course](#)  
May 12 & 13, 19 (EXAM), 2015 - Black Creek Pioneer Village, Toronto
  - [LEED Breakfast Series Session II - WELL Building Standard](#)  
June 16, 2015 - Fairmont Royal York, Toronto
  - [GPRO Construction Management Course](#)  
June 23 & 24, 29 (EXAM), 2015 - Black Creek Pioneer Village, Toronto
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## PARTNER EVENTS

- [Energy Reporting and Benchmarking Policy Workshop](#)  
April 9, 2015 - Toronto
  - [Partners in Project Green - Spring Networking Reception](#)  
April 9, 2015 - Toronto
  - [Solar and Wind Energy Electric System Introduction](#)  
April 18, 2015 - The Living City Campus, Kortright Conservation, Vaughan
  - [Off Grid and Emergency Back Up Systems](#)  
April 19, 2015 - The Living City Campus, Kortright Conservation, Vaughan
  - [Erosion and Sediment Control Installer – Accredited Professional Program](#)  
April 22, 2015 - Black Creek Pioneer Village, Toronto
  - [Earth Day Green Drinks](#)  
April 22, 2015 - Rock 'n' Horse Saloon, Toronto
  - [Green Real Estate Conference](#)  
April 23, 2015 - Metro Toronto Convention Centre, North Building, Toronto
  - [QUEST: Ontario Energy Community of Practice Project](#)  
April 24 - Vaughan City Hall
  - [QUEST: Ontario Energy Community of Practice Project](#)  
May 4, 2015 - Markham City Hall
  - [2030 Integration Protocol Project Invitation and Spring Retreat](#)  
May 12-14, 2015 - The Millcroft Inn & Spa, Alton
  - [Green Drinks Toronto](#)  
May 20, 2015 - Grace O'Malley's, Toronto
  - [The Living City Campus: Solar Professional Training Course](#)  
May 25, 2015 - The Living City Campus, Kortright Conservation, Vaughan
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