What You Need to Know For 2020
Big News
LEED Overview in Canada

**TOTALS FOR CANADA**

- 4,330 Certified Projects
- 16.2 Certified Area Per Capita (sq. ft.)
- 597,896,743 Certified LEED Space (sq. ft.)
- 140 LEED v4 Certifications
- 1200 LEED v4 Registrations

**Energy Savings**
Energy savings of 16.7 million eMWh which is enough to power 570,000 homes in Canada for a full year

**Water Savings**
Water savings totaling over 30 billion litres, as much as courses over the Canadian Horseshoe of Niagara Falls in four hours

**Recycling**
Recycling over 3.6 million tonnes of construction/demolition waste, which is one year’s total waste disposal in British Columbia

**GHG Reduction**
A 3.24 million CO2e tonne reduction in greenhouse gas emissions which equates to taking 690,000 cars of the road for a year

**Green Roofs**
355,000 sq. metres of green roofs, enough to green the length of the Don Valley Parkway in Toronto

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GLOBAL LEADERSHIP: CANADA HITS OVER 1200 LEED V4 REGISTRATIONS IN 2019
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LEED v4.1
LEED v4.1

Greater Emphasis on Operational GHG Emissions
- New credit for reduction of GHGs from operations

More Broadly Achievable and Accessible while Retaining Rigor
- More flexibility
- More attainable thresholds
- Additional thresholds

Streamlined approach is working: O+M certifications

Collaborating with Provincial & Municipal Governments

Listening to Market Feedback
Highlights
First Registration of 2020

Commerce Court Tower 3
191 Bay Street, Toronto

64-storey mixed-use office building at the southeast corner of the site. The new East Tower ("CC3") will add approximately 176,515 square metres (1.9 million square feet) of office space to the downtown core.

Team:
• QuadReal,
• Hariri Pontarini Architects,
• Adamson Associates Architects,
• TMP,
• MBII,
• Purpose Building
<table>
<thead>
<tr>
<th>Address</th>
<th>Date</th>
<th>Tenant</th>
<th>Use</th>
<th>Size</th>
<th>LEED Version</th>
<th>Type</th>
<th>Score</th>
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<tr>
<td>6755 Mississauga Rd N</td>
<td>2020-01-10</td>
<td>Manulife</td>
<td>Office</td>
<td>113,639 sq ft</td>
<td>v4.1 O+M: EB</td>
<td>67 pts</td>
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<td>HSBC Building - 885 West</td>
<td>2020-01-07</td>
<td>Cadillac Fairview</td>
<td>Office</td>
<td>524,752 sq ft</td>
<td>v4.1 Recertification</td>
<td>82 pts</td>
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<td>Georgia</td>
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Largest Registrations of 2019
Victoria Sur Le Parc, 700 rue Saint-Jacques, Montreal

Targeting LEED BD+C v4, 375,034 SM
58-storey skyscraper, 400 units and a mixed-use 9-storey podium, of office & retail
Broccolini will act as the Developer, Owner & Landlord
When complete this will be the second tallest building in Montreal
Royalmount Mixed-Use Development, Montreal

Targeting LEED BD+C v4, 250,838 SM
Phase 1 of this mixed-used development, which includes 3.6 million square feet of retail, hotel, hospitality and office space.
EWBP Phase 2, 8480 Mount Pleasant Way, Milton, ON

Targeting LEED BD+C v4, 176,515 SM
This distribution centre will be available for occupancy in Q3 2020
Guildford Town Centre - Phase 2, Surrey, BC

Targeting LEED O+M v4, previously LEED-CS Gold certified in 2014, 147,508 SM
Guildford Town Centre, a premium shopping destination in Metro Vancouver attracts 14.8 M shoppers annually.
National Bank Montreal HQ: Le 800 Saint-Jacques

Targeting LEED BD+C v4 Gold & Well 143,000 SM

National Bank's new head office is one of the biggest construction projects in the region in the past 25 years and will be among Montreal's tallest skyscrapers.
Place Victoria 800, rue du Square Victoria, Montreal

Targeting LEED O+Mv4 137,117 SM
Originally built in 1965, this 47 storey building carries BOMA BEST certification and is home to the Montreal's Stock Exchange, IATA and major law firms.
New St. Paul's Hospital, 1002 Station Street, Vancouver

Targeting LEED BD+C v4 Gold 137,000 SM

The new St. Paul’s is the largest hospital redevelopment project in BC’s history. This project includes a 548-bed acute care hospital, an outpatient centre, a clinical support and research centre, a public plaza and wellness walk, new roads, and a daycare, all expected to open in 2026.
CrossIron Mills’, Calgary

Targeting LEED O+M v4 136,559 SM
This project includes the relocation and expansion of CrossIron Mills’ previous food court. The new food hall offers 1,400 seats and 24 restaurants.
Amazon Vancouver HQ, Post Office

Targeting LEED BD+C v4 Gold 132,015 SM
This building will be fully leased by Amazon, and could bring its total employment in Vancouver over 12,000 workers by 2023.
TRUE
Creating a solid foundation that advances the integrity & credibility of ZERO WASTE
IF YOU’RE NOT FOR ZERO WASTE, HOW MUCH WASTE ARE YOU FOR?
REDESIGN. RETHINK. REDUCE. REUSE. GOING BEYOND RECYCLING.
TRUE Zero Waste Facilities: Cutting Costs & Improving Their Bottom Lines

*Project is a facility inside a larger campus
96% Diversion, $344,000/yr Saved
The **TRUE Advisor** is a professional certificate program offered by GBCI. TRUE Advisors support the implementation of TRUE programs, prepare businesses for TRUE Zero Waste certification, and assist organizations through the certification process.
ZERO CARBON
Certifications

6 Design
- 1 office
- 1 primary school
- 2 post-secondary
- 2 warehouses

10 Certified

4 Performance
- 2 offices
- 1 office/residential
- 1 post-secondary
355 and 495 Wilkinson, Halifax

First warehouses to achieve ZCB-Design Certification
HUMBER COLLEGE BUILDING Nx
First Retrofit to Achieve ZCB-Design Certification
Mohawk College

First to achieve dual certification
Zero Carbon Version 2 : Available March 2020

Guiding Principles for Version 2
• Prioritize carbon emissions reductions
• Ensure energy efficient design
• Encourage good grid citizenship
• Encourage reductions in embodied carbon
• Keep it simple and accessible
Arc
A Platform for Performance-Based Green Building
Arc
A Platform for Performance-Based Green Building
In 2020, Arc will do more...

1. **Engagement:** Arc, for free
2. **Recognition:** Performance Certificates
3. **Certification:** LEED O+M and LEED Recertification
4. **Training:** Arc Performance Pro
5. **Partners:** Integrations and extensions
Engagement

- **Arc for All**: Anyone, anywhere can use Arc to measure and score operational performance.

- **Performance Certificates**: Arc provides an incremental path to recognize performance in individual categories.

- **LEED certification**: Arc supports LEED v4.1 O+M and LEED Recertification.
Highlight
Faster, easier way to achieve LEED v4.1 and LEED Recertification
Training

Performance Pro

- Instructor-led
- Online quiz
- Certificate
- 2.5 LEED O+M CEU’s

ARC SKORU INC. RECOGNIZES

Ferris Bueller

AS AN:

Arc Performance Pro - Level 1

By demonstrating an understanding of the importance of performance in green building and how it can be used to create better buildings and places for people and the environment.

As a recipient, you have been trained on the Arc platform and how it can be used to understand how a building is performing, benchmark against others, make improvements, realize greater efficiencies and reach higher levels of sustainability performance. In order to achieve this designation, recipients will have attended an in-person training and successfully completed an online quiz.

MAHESH RAMANUJAM
PRESIDENT & CEO, ARC SKORU INC.
What Now?
Three things you can do today:

1. Create a new project on Arc
2. Generate a Performance Certificate
3. Check out the Arc & TRUE Training
4. Earn LEED Recertification
Thank You

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GBCI Canada

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