



2010-
2011

CaGBC Atlantic Chapter Annual Progress Report



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CaGBC Atlantic Chapter



CaGBC Atlantic Chapter
6th Annual General Meeting
September 16th, 2011
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Chair's Report – Outlook 2012– Time to Act.

John Crace, LEED AP, Chair

The “uncertain future” we hear so much about is suddenly upon us and it looks a lot like the “uncertain present” which we don’t so much hear about as experience every day. If we take any comfort in the notion that some things never change, we are then thrown off balance by the relentless presence and impact of change itself in our day to day lives. Social, economic, technological and environmental changes where you live, where you work, play and wherever and however you otherwise exist. You could attribute these qualities of change to the world of green buildings and to their own attendant organizations – the Canada Green Building Council and our Atlantic Chapter.

It’s a challenge to stay current but it’s exciting to know our work is more important than ever. The significant impact of the design and construction industry on climate change has been clearly established worldwide and the scientific evidence of anthropomorphic climate change has been acknowledged as incontrovertible.

Now is the time to act and we are surely taking action.

Much has changed over the last year for us and much has been accomplished. At the national level the CaGBC is undergoing a significant change in governance that will see a major reduction in the size of the board from almost 30 to between 9 and 12 by this time next year. Your chairman completed his third consecutive one year appointment to the national board in June 2011 leaving the CaGBC without an Atlantic Canadian voice. We need to find a way to restore that voice as soon as possible. In the meantime the USGBC LEED NC 2012 is completing its second and final public input stage and we can expect to see broad adoption by CaGBC in its own release of the equivalent document in early 2013.

The Chapter has four active committees with dedicated leaders and members making a difference. They are Education, Residential, Carbon and BuildGreen Atlantic.

Membership is growing. New members are joining and existing members are renewing their memberships. We need to keep developing and communicating the value of membership and the rewards of active participation in the Atlantic Chapter and its objectives.

With the help of our exceptional Executive Director, the Chapter continues to fulfill one of its most important priority goals: “Operate with Excellence”. The evidence is everywhere – at BuildGreen Atlantic, lunch and learns, presentations to other organizations, board meeting preparations and organization etc. I thank ED Lara Ryan and all the board members for their dedication and commitment to achieving this excellence and welcome new board members Robert Haggis, an architect from PEI and Daron Thomas, president of Thomas Industries, from New Brunswick.



CaGBC Atlantic Chapter
6th Annual General Meeting
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2010-2011 Progress Report

The Chapter's mission: To advance environmentally responsible design, construction and operation of our built world by serving the Atlantic Canadian community through industry collaboration and education. As we will see in today's presentation that mission has increasing breadth and depth in connecting the built environment with broader social and cultural issues in our own back yard and around the world.

Now is the time to act and we are surely taking action - A Changing Context

- LEED® continues to transform the industry
- Next phase in the evolution of green building design is underway
- LEED® is becoming an internationally recognized standard
- More market activity in existing buildings sector
- Building performance is becoming a major driver
- Carbon-neutrality is emerging as a significant public policy goal
- Competitive green building industry in Canada
- International growth of green building

Strategic Priorities

- CaGBC recognized as the national go-to organization for green building
- CaGBC as the leading source of green building information, performance data & standards, tools
- Diversified programs & tools -to enable broader market transformation
- National delivery network –chapters & strategic partners, volunteers
- Targeted advocacy & public policy -to broaden national awareness and support for green buildings

Advocacy & Awareness

- National Network
- 2,200 national members
- 8 chapters
- Chapter Agreement
- Chapter Exec. Directors

- LEED for Neighbourhood Development (under development)

New Programs

- Green Up
- Living Building Challenge
- SMART Growth

Current Systems

- LEED Canada for New Construction & Major Renovations
- LEED Canada Core & Shell
- LEED Canada for Commercial Interiors
- LEED Canada for Homes
- LEED Canada for EB:O&M

New Credentials (GBGI)

- LEED Green Associate
- LEED Accredited Professional + Specialty
- LEED Fellow



CaGBC Atlantic Chapter
6th Annual General Meeting
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2010-2011 Progress Report

Financial Report – Report by Stratford Barrett

ATLANTIC CHAPTER OF THE CANADA GREEN BUILDING COUNCIL
UNAUDITED STATEMENT OF FINANCIAL POSITION
as at December 31, 2010

ASSETS	
CURRENT ASSETS	
Cash	\$ 12,457
Accounts receivable	<u>7,257</u>
	\$ 19,714
<hr/>	
LIABILITIES	
CURRENT LIABILITIES	
Accounts payable and accrued liabilities	\$ 2,599
NET ASSETS	
NET ASSETS	<u>17,115</u>
	\$ 19,714

Signed on behalf of the Board

_____ Director

_____ Director



CaGBC Atlantic Chapter
6th Annual General Meeting
September 16th, 2011
2010-2011 Progress Report

ATLANTIC CHAPTER OF THE CANADA GREEN BUILDING COUNCIL
UNAUDITED STATEMENT OF REVENUE, EXPENSES AND NET ASSETS
for the year ended December 31, 2010

REVENUE

Canada Green Building Council (note 4) -	
Grants	\$ 16,664
Event revenue sharing	8,300
Events	52,049
Membership	14,100
Sponsorship	4,000
Workshop fees	140
	<u>95,253</u>

EXPENSES

Administration	8,881
Board	3,598
Events	27,055
Consulting and professional fees	48,808
Harmonized sales tax expense	6,350
Workshops	60
	<u>94,752</u>

EXCESS OF REVENUE OVER EXPENSES 501

NET ASSETS - BEGINNING OF YEAR 16,614

NET ASSETS - END OF YEAR \$ 17,115



CaGBC Atlantic Chapter
6th Annual General Meeting
September 16th, 2011
2010-2011 Progress Report

Operations & Membership – Report by Lara Ryan

Throughout 2010 – 2011, the CaGBC Atlantic Chapter office has been busy serving members and working through chapter priorities. The ED position is the sole staff and is a part-time position serving members in four provinces.

The chapter newsletter was issued on a monthly a monthly basis to the Chapter's distribution list. As well, the office facilitated the delivery of a series of Lunch & Learns sessions in NS, NB and NL and is developing relationships in PEI to be able to delivery programs there in the fall of 2011. The office also assisted with the delivery and promotion of all of the CaGBC workshops offered in our region.

Liaison with national office included participation in monthly Executive Directors teleconferences and well as bi-annual Leader's Forum sessions. Day to Day administrative duties included financial managements, membership management and general email and phone inquiries.

Many of the communications and operations opportunities and challenges are the same and include strategic stakeholder engagement, geographic diversity, financial considerations and strategic board engagement.

The chapter moved its membership to the national iMIS database platform in January 2011 and has experiences some challenges with this integration, notably the duplication of records and the difficulty many members had accessing their profiles. The Atlantic Chapter has been the pilot chapter in this national integration and as such has worked closely with the national office identifying and working through challenges.

There are currently 264 paid members of CaGBC Atlantic Chapter, up from 186 at this time last year.

- 34 members from New Brunswick up from 22 last year
- 17 members from Newfoundland & Labrador up from 12 last year
- 204 members from Nova Scotia up from 146 last year
- 9 members from PEI up from 6 last year

There are an additional 528 people on the distribution list. This compares to 499 on the distribution list last year. Combined, this represents a growth of 107 contacts over this time last year.



CaGBC Atlantic Chapter
6th Annual General Meeting
September 16th, 2011
2010-2011 Progress Report

Education Committee – Report by Tim McLeod

During the September 2010 Chapter Board Retreat discussion arose regarding the increased engagement of Chapter Board members as well as Atlantic Chapter members. One of the results of this discussion was the creation of an Education Committee.

The goal of this committee was to enhance the educational opportunities throughout the Chapter geographical region.

Education Committee Members

- Tim McLeod, Committee Chair - CBCL Limited/ AC-CaGBC Board Representative
- Lara Ryan, Executive Director AC-CaGBC
- Chuck McCormick, Soprema/AC-CaGBC Board Representative
- Sharon Cave, Sheppard Case Architect/ AC-CaGBC Board Representative
- Strat Barrett, PHB Group Architects/ AC-CaGBC Board Representative
- Kate Butler, Efficiency NB/AC-CaGBC Board Representative
- Christine Bales, WHW Architects/ AC-CaGBC Member Representative
- Anneke Lijs – Stantec/AC-CaGBC Member Representative
- Krista Gill – Pomerleau/ AC-CaGBC Member Representative
- Kaitlyn Gillis – EXP Group/AC-CaGBC Member Representative

Committee Creation

The Education committee was newly created in 2010 and it was determined that a terms of reference should be created. The TOR were created and accepted in December 2010. A copy of the terms of reference is available upon request.

In addition to the original Chapter Board member representatives, a call for interest to engage Chapter members was issued in October 2010 resulting in the addition of a number of member representatives.



CaGBC Atlantic Chapter
6th Annual General Meeting
September 16th, 2011
2010-2011 Progress Report

Goals and Events

The education committee set a number of education event goals as follows.

Location	Lunch and Learn	Lecture Series/Social (Prior to April 2011)
Nova Scotia	9	1
New Brunswick	4	1
Newfoundland	4	1
Prince Edward Island	2	1

In general the education events were achieved with the exception of the Lecture Series event for PEI.

In addition to the technical events, it was determined that creation of social activities in conjunction with the CaGBC National education events and/or local events. The first of which in St. John's Nfld was deemed a success.

Other goals of the committee were to increase the awareness and availability of the AC-CaGBC members to the transition from LEED AP to LEED AP + Specialty and provision of the associated Credentialing Maintenance Program. To that extent, the Executive Director was had all of the technical sessions at Build Green Atlantic approved with the GBCI under the credential maintenance program. This effort to provide approved educational events, both National and Local will continue over the next program year.

In December a ½ day mini conference was held at NSCC Waterfront campus and offered a number of technical and non-technical sessions on Green Building and the Green Building industry.

Summary and Next Steps

The Education Committee made some good steps in the 2010-2011 year and introduced the Lecture series, social events and GBCI approved courses. These provide new and important educational opportunities within our region. Moving forward, the education committee would like to build upon the success of the lecture series as well as introduce "mini-conference" opportunities throughout the geographical region. These may consist of a keynote speaker with additional education content provided from local resources and project profiles. Financially, the Committee is looking for sponsorship of events to offset costs and generate income for the Chapter, through this funding model it is felt that the Chapter can provide the best AC-CaGBC member benefit by keeping registration costs to minimums whilst providing quality educational content.



CaGBC Atlantic Chapter
6th Annual General Meeting
September 16th, 2011
2010-2011 Progress Report

Residential Committee – Report by Jordan MacDonald

Members: Andrew Alcorn (Innova Builders), Sharon Cave (Sheppard Case), Charline Cormier (Stantec), Le Doan (CMHC), Natalie Leonard (Passive House E-Design), Jordan MacDonald (ThermalWise)

This year was the first year for an Atlantic Chapter residential committee. Terms of Reference were set for the committee and four main objectives were identified. The committee's objectives are: (1) to identify partnering organizations, (2) to identify and recommend technical, outreach and education resources and tools to support the green residential construction and major renovation market in Atlantic Canada, (3) to identify advocacy relationships and recommend Atlantic Chapter positions of influence of policy development, and (4) to support and advise other Board committees on the inclusion of residential content in planned events and education tools.

The Residential Committee had a fairly active year pursuing these objectives. One of the main focuses of the Committee was to develop a dedicated residential stream for the BuildGreen Atlantic Conference. This stream was well attended and Peter Yost, as the feature speaker of the stream, was a great success. In partnership with the Newfoundland Department of Energy and TakeCharge NL, the Atlantic Chapter held an event after the St. John's Home Show for homeowners to get unbiased advice from a panel of industry representatives.

The committee will continue to organize panel discussions and question periods for homeowners in the days following home shows as they are a good way to reach the general public and to provide a needed service.

Members of the Residential Committee also worked successfully to establish relationships with education institutions including PEI's Holland College, UPEI, the College of the North Atlantic and NSCC. The Committee will continue to develop these relationships and partner with these organizations to hold events and educational opportunities.

Some anticipated priorities for next year include broadening the Atlantic Chapter's membership to include more people involved in the residential sector and developing more informal events such as home tours, socials, etc.



CaGBC Atlantic Chapter
 6th Annual General Meeting
 September 16th, 2011
 2010-2011 Progress Report

Carbon Committee — Report by Aaron Caldwell

Carbon neutrality, or having a **net zero carbon footprint**, refers to achieving net zero [carbon emissions](#) by balancing a measured amount of carbon released with an equivalent amount sequestered or offset, or buying enough [carbon credits](#) to make up the difference. It is used in the context of carbon dioxide releasing processes, associated with transportation, energy production and industrial processes.

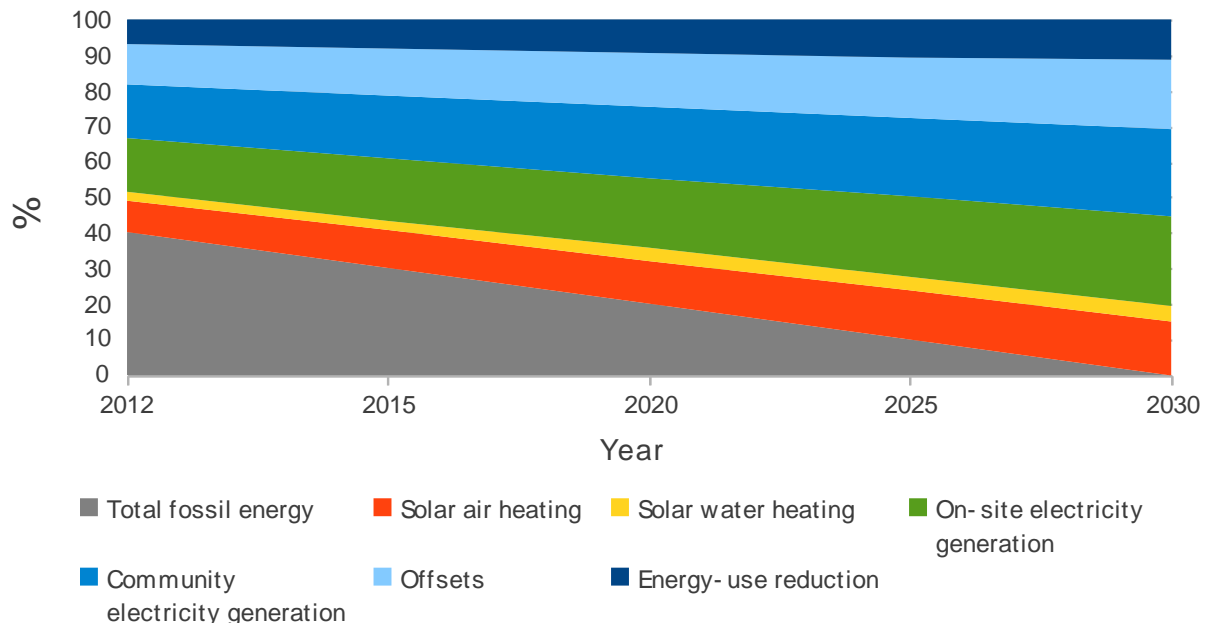
Carbon Neutrality within a Generation

What? The Atlantic Chapter of the Canada Green Building Council has launched a challenge to make all the buildings in Atlantic Canada carbon neutral by 2030, or within a generation.

Why? Buildings are the major source of global demand for energy and materials that produce by-product greenhouse gases (GHG). Slowing the growth rate of GHG emissions and then reversing it is the key to addressing climate change and keeping global average temperature below 2°C above pre-industrial levels.

What is carbon neutrality? Carbon neutrality refers to achieving net zero carbon emissions by balancing a measured amount of carbon released with an equivalent amount sequestered or offset, or buying enough carbon credits to make up the difference. It is used in the context of carbon dioxide releasing processes, associated with transportation, energy production and industrial processes.

How can it be done? The Carbon Neutral Committee has modelled a potential pathway based on existing technologies to achieve carbon neutrality by 2030. The following figure illustrates a potential strategy to get there.





CaGBC Atlantic Chapter
6th Annual General Meeting
September 16th, 2011
2010-2011 Progress Report

Why do you include offsets? We know there is controversy about offsets and we debated their merits within our committee. However we think they can be a useful tool, particular for existing buildings that do not have the opportunities for local power generation and energy efficiency that new buildings do.

How come you don't include embodied energy? There is no clear and comprehensive methodology for assessing embodied energy in materials. We expect that this will change but in the meantime, carbon neutrality of operations is a significant and meaningful undertaking.

Who is on the committee?

Kate Butler, Efficiency NB
Aaron Caldwell, Enermodal Engineering
John Crace, WHW Architects
Yuill Herbert, Sustainability Solutions Group
Tim MacLeod, CBCL
Alexandre Pavlovski, Green Power Labs
Kendall Taylor, Root Architecture
Steve Tweedie, Tweedie & Associates Consulting Engineers

How can you help?

Client: ask your design team to evaluate a carbon neutrality strategy for your building using life cycle costing. Are there new renewable technologies that could be piloted? How energy efficient can you make your building.

Designer: Make the case for a carbon neutral building to your clients. Spread the word about the challenge.

Policy-maker: Evaluate policies from their contribution to the 2030 goal. Provide incentives that contribute to the challenge.

Educator: Share the challenge with students. Challenge them to envision a future that is carbon neutral.

Researcher: Explore options to get to carbon neutrality. Test the assumptions used in the committee's modelling and improve them.



CaGBC Atlantic Chapter
6th Annual General Meeting
September 16th, 2011
2010-2011 Progress Report

BuildGreen Atlantic Committee— Report by Lara Ryan

BuildGreen Atlantic 2011 included an opening night keynote for the first time. Sadhu Johnston, deputy city manager for the City of Vancouver was the speaker. 125 folks joined us at Dalhousie for this event on May 4th and 224 people attended this year's BuildGreen Atlantic conference & tradeshow, once again at the NSCC Waterfront Campus on May 5th.

Build Green Atlantic conference, trade show and networking event advances the design, construction, and operation of greener buildings here in Atlantic Canada. Conference participants included builders, designers, architects, and providers of products or services.

2011 Sponsors were:

Platinum: Soprema

Gold: WHW Architects, Stantec, InterfaceFLOR, CBCL Limited, Efficiency Nova Scotia, and CanSIA

Silver: Canada Mortgage and Housing Corporation, DSRA Envision Architecture, East Port Properties, Forbo, Sika Sarnafil, ThermalWise, Root Architecture, Enermodal/Seawood, PHB Group, Fowler Bauld & Mitchell, ModulR

LEED Buildings in Atlantic Canada Status Report – Report by Kendall Taylor

LEED Registered Projects

- Nova Scotia – 107, up from 78 last September.
 - Newfoundland and Labrador – 39, up from 29 last year
 - Prince Edward Island – 3, up from 2 last year
 - New Brunswick – 41, up from 36 last year
- Total – 190, up from 147 last year Nova Scotia**

LEED Certified Projects

- New Brunswick – 6, one new certification in 2011
 - Nova Scotia – 6, two new certifications in 2011
 - Newfoundland and Labrador – 0
 - Prince Edward Island – 2, two new certifications in 2011
- Total – 14, up from 9 last year**



CaGBC Atlantic Chapter
6th Annual General Meeting
September 16th, 2011
2010-2011 Progress Report

Nominations – Report by John Crace

An expected governance review by CaGBC that includes Chapter governance is expected by Sept 2012. Part of the governance review may recommend a smaller board by Sept 2012. Of the six retiring board members five elected to extend their terms to see the chapter through the governance review. With little turnover, the board voted at the June 2011 meeting not to hold an election during the summer of 2011 as has been the tradition. Instead, as per the by-laws sought to even the regional representation by appointing a board member from PEI and one more from New Brunswick. They are Robert Haggis and Daron Thomas.

Slate of proposed 2011 -2012 Board of Directors

John Crace, Chair
NS, WHW Architects

Sharon Cave
NL, Sheppard Case Architects

Kendall Taylor, Vice-Chair
NS, Root Architecture

Charline Cormier
NS, Stantec

Stratford Barrett, Treasurer
NL, PHB Group Inc.

Terrance Smith- Lamothe
NS, NS Dept Infrastructure Transportation

Yuill Herbert
NS, Sustainability Solutions Group

Chuck McCormick
NS, Soprema

Jordan MacDonald
NS, Thermalwise

Tim McLeod
NS, CBCL Limited

Kate Butler
NB, Efficiency New Brunswick

Alexandre Pavlovski
NS, Green Power Labs

Chris Wilson
NS, McInnes Cooper

Daron Thomas
NB, Thomas Industrial Sales Ltd.

Robert Haggis
PEI, Coles & Associates
