

TRANSFORMING THE BUILT ENVIRONMENT

MUNICIPAL LEADERS FORUM & WORKING GROUP

Canada Green Building Council
Greater Toronto Chapter

Association of Municipalities of Ontario (AMO)
Local Area Services Connections Conference



Local Authority Services Ltd.

December 8, 2011

The Greater Toronto Chapter of the Canada Green Building Council



PRESENTATION OUTLINE

1. About the CaGBC and the Greater Toronto Chapter
2. Mandate & Expanding Role of the CaGBC
3. The Role of Municipalities in the area of Sustainability
4. Municipal Policy Toolkits
5. The Chapter's Project for the GTA Addendum

ABOUT THE CAGBC

- Coalition of public and private building industry leaders
- National non-profit organization founded December 2002
- License holder for LEED® in Canada since 2004, developer and administrator for LEED® Canada (certification, accreditation and workshops)
- Remarkable growth and success in market transformation
- 8 Regional Chapters including 2 in Ontario to support a very strong market here

ABOUT THE CAGBC

CaGBC

Our mission guides our work:

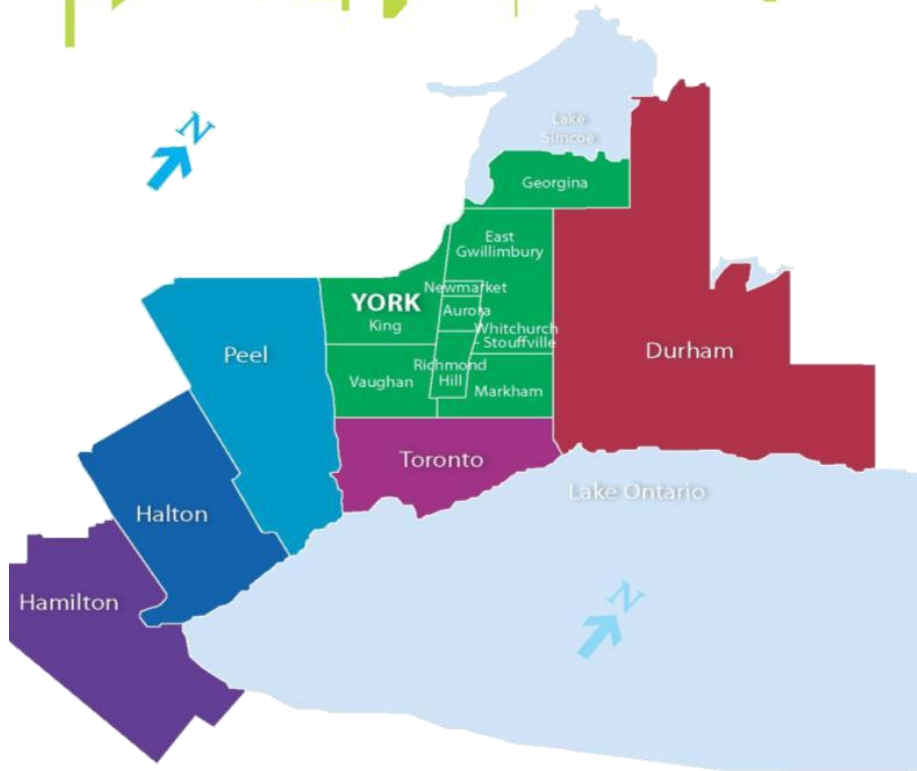
“Lead and accelerate the transformation to high-performing, healthy green buildings, homes and communities throughout Canada.”

Our Vision

“A transformed built environment leading to a sustainable future”

The Council works to:

- change industry standards,
- develop best design practices and guidelines,
- advocate for green buildings, and
- develop educational tools to support its members in implementing sustainable design and construction practices.



ABOUT THE CHAPTER

- Focus on Regional Markets and individual green building professionals in those markets
- Nearly 400 Paid Chapter members
- Reach to over 6000 green building professionals in the region
- Monthly education, networking, outreach programs and events
- Broad relationships with industry stakeholders across a wide range of sector participants
- Leadership from diverse Board of Directors with influence in a wide range of areas of the sector

THE MUNICIPAL LEADERS FORUM MISSION STATEMENT

*The **Municipal Leader's Forum (MLF)** is an important initiative of the Chapter and recognizes the important role of Municipalities in terms of providing leadership in policy and practice in the area of sustainable design and development.*

*The **MLF Working Group** provides a critical network of professionals operating in the municipal sector. The Working Group aims to provide important contacts in the green building sector, promote information sharing, education, and capacity building.*



THE MUNICIPAL LEADERS FORUM

- Establish “think-tank” of green building and sustainable development leaders from across the GTA
 - Over 30 upper and lower tier municipalities from across the Greater Toronto region and beyond (Guelph / London)
 - Wide range of municipal practitioners (planners, CBO’s engineers, facility managers)
- Provide a strong voice to advocate for green buildings and sustainable development (PPS review, OBC Advisory Panel, GE&EA, etc)



THE MUNICIPAL LEADERS FORUM

Recent Activities

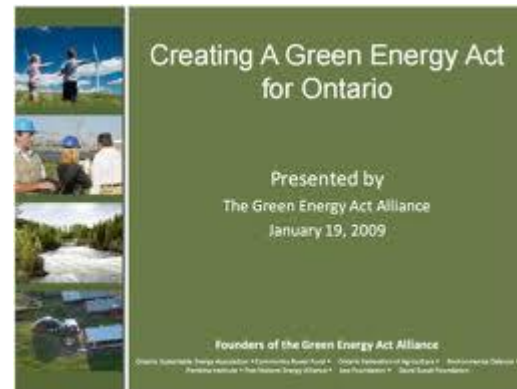
- Meetings in York, Peel, Durham and Toronto
- Paul Golini – Empire Communities
- Julia McNally – Ontario Power Authority
- Lisa King – TGS and Green Roof By-law
- Don Sinclair – Municipal Solicitor/ MLDAO
- Peter Love – Ryerson (Former OPA Conservation Officer)
- Joe Vacarro – BILD (Building & Land Development Ind.)
- Dave Potter – Ontario Building Officials Association
- Larry Brydon – Enerquality
- Waterfront Toronto – Lesley Sovran
- Smart Centres – Sandra Kaiser

TRANSFORMING THE BUILT ENVIRONMENT

THE ROLE OF MUNICIPALITIES IN SUSTAINABLE DEVELOPMENT



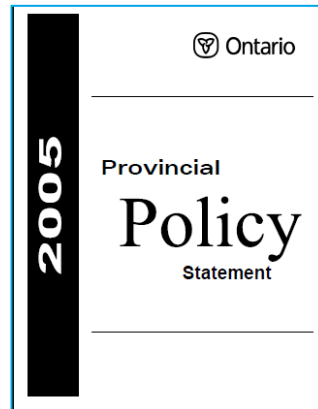
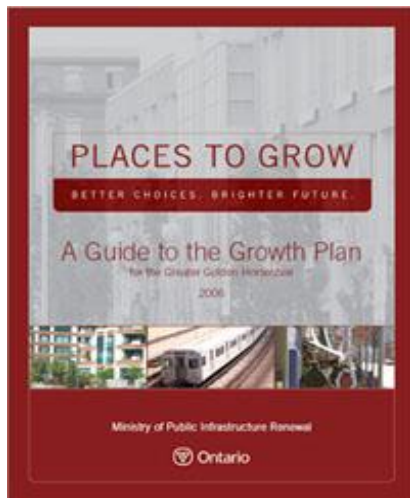
Ontario Energy Board



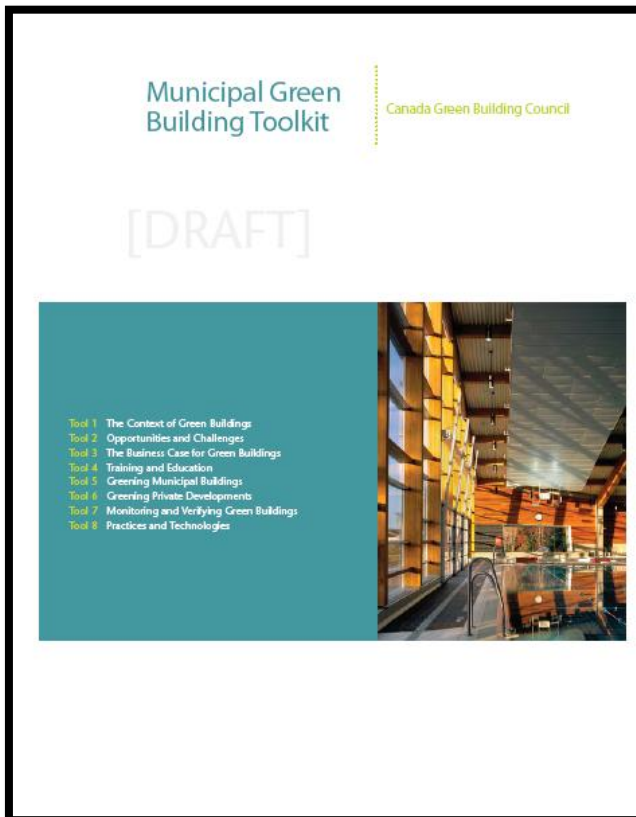
The Greater Toronto Chapter of the Canada Green Building Council



THE ROLE OF MUNICIPALITIES IN SUSTAINABLE DEVELOPMENT



CaGBC NATIONAL (2007)



- Tool 1 The Context of Green Buildings
- Tool 2 Opportunities and Challenges
- Tool 3 The Business Case
- Tool 4 Training and Education
- Tool 5 Greening Municipal Buildings
- Tool 6 Greening Private Developments
- Tool 7 Monitoring and Verifying
- Tool 8 Practices and Technologies

CaGBC NATIONAL (2007)

GOAL OF THE NATIONAL CaGBC MUNICIPAL TOOLKIT

“The Municipal Green Building Toolkit aims to increase understanding of key issues and processes related to ‘greening’ municipally owned buildings. The Toolkit is a resource to assist municipal decision makers in identifying and implementing measures to increase the number of green buildings within their jurisdictions.”

Advantages Include:

- Toolkit features examples across North America
- Assists Municipalities in understanding what’s out there
- Information can be spread nationally to help other areas

NEXT GENERATION (2010)



Sustainable Communities Toolkit

Tool 1	Introduction
Tool 2	Community Planning
Tool 3	Natural Environment
Tool 4	Transportation
Tool 5	Buildings
Tool 6	Infrastructure
Tool 7	Energy

- Buildings- and Communities-focused
- Categories included:
 - Community Planning
 - Natural Environment
 - Transportation
 - Buildings
 - Infrastructure
 - Energy
- Information comprised:
 - Backgrounders
 - Case Studies
 - Policy (market scan)

best Practices

FOR NEW COMMUNITIES

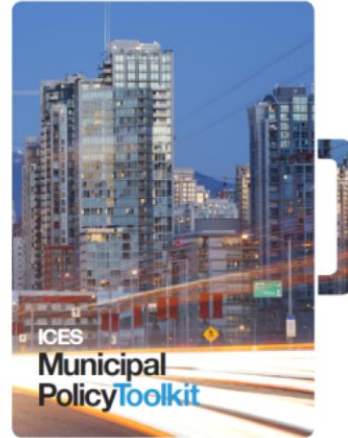


discussion paper



IT'S A BUSY PLACE!

TRANSFORMING THE BUILT ENVIRONMENT



September 2010



Smart Budget Tools
Environmental Pricing Re
for Municipalities

May 2010

SP Sustainable Property TOOLKIT

GETTING TO CARBON NEUTRAL: a Guide for Canadian Municipalities



Conservation
for The Living City

PRACTICES FOR SUSTAINABLE COMMUNITIES

CD-ROM included



HOME TO CANADIANS
Canada



PEARSON ECO-BUSINESS ZONE POLICY TOOLKIT



Greater Toronto Area Clean Air Council Green Development Policy Scan

May 26, 2010



Report to the
Greater Toronto Area Clean Air Council



Prepared by the Clean Air Partnership



Sustainable Design and Green Building Toolkit FOR LOCAL GOVERNMENTS

EPA 904B10001 / June 2010



ter of the Canada Green Building Council



CHAPTER INITIATIVE - REGIONALIZATION

ONTARIO POWER AUTHORITY (OPA) CONSERVATION FUND APPLICATION

- Application filed by the Greater Toronto Chapter of the CaGBC with the TRCA and major contributing partner
- Project to be undertaken by the Sustainability Group at MMM Group (Scott Armstrong, Project Lead)
- Steering Committee composed of OPA staff, selected members of MLF and Chapter volunteers
- Project to be finalized by February 2012

CHAPTER INITIATIVE - REGIONALIZATION

GOAL OF THE GREATER TORONTO REGIONAL ADDENDUM TO THE NATIONAL CAGBC TOOLKIT

- Feature policy work relevant to the GTA / Ontario legislative environment
 - PPS, Planning Act, Municipal Act and Green Energy & Economy Act (what works for Dockside Green might not work here)
- Create the potential for common application (avoid duplication)
- Place the GTA Chapter as a leader in the space and create a model for other Regions

KEY FEATURES

- Web-enabled with broad accessibility (partners)
- Links to the actual policy, regulation, By-law, etc.
- Active and managed new content (stale-proof)

Ontario Power Authority



Canadian
URBAN
Institute



The Greater Toronto Chapter of the Canada Green Building Council

POLICY THEME AREAS / CATEGORIES

- Community Planning
- Transportation
- Infrastructure
- Water
- Energy
- Waste

Case Studies		Land Use	Transportation	Buildings	Infrastructure	Waste	Water & Sanitation
City of Dawson Creek, BC			Clean Fuel Policy				
City of Ispart, NY				Green Building Standards for New Subdivisions			
Stockholm, Sweden						Strategic Waste Management Plan/ Waste Collection Fee	
Whistler, BC					Carbon Tax Incentive Policy		
East Ouelletburg, ON				Energy Use Standards for New Homes			
Amstelveen, Netherlands		Transportation policy					
Victoria, BC					Low Emission Certification System		
City of Toronto, ON							Wet Weather Flow Management Master Plan
The City of North Vancouver, BC					Hydroptic Heat Source System		
City of Toronto, ON		Toronto Green Standard			Green Standard		
Portland, Oregon							
Omaha, NE		Energy Density Mapping					
Whitehorse, YT				Secondary Status			
St. Catharines, ON		Community Engagement Plans for Distributed Wind Development and Interconnection					
London, UK			CO2e Public Transport Goals and Mileages				
York Region, ON		Mandatory CEPA					
York Region, ON							Water conservation and efficiency

Source: ICES Toolkit (2010)

CURRENT SUBMISSIONS

(Request for Information sent March 2010 - SAMPLE)

- **City of Toronto** – Toronto Green Standard & Green Roof By-law
- **Town of Markham** – Checklist for Markham Centre
- **Town of Caledon** – DC Credit / rebate policy for LEED performance
- **Town of East Gwillimbury** – Thinking Green Development Standards
- **Region of York** – LEED (NC) and SHIP bonusing, TOD Guidelines
- **City of Pickering** – Sustainable Development Guidelines
- **Town of Halton Hills** – Green Building Standard

WE INVITE YOUR INPUT / COMMENTS AND QUESTIONS

Dan Stone

Chair, Municipal Leaders Forum
Board of Directors
CaGBC - Greater Toronto
dstone@eastgwillimbury.ca

905-478-4282

Davika Misir

Project Coordinator
Municipal Leaders Forum
CaGBC - Greater Toronto
dmisir@avanieco.com

416-902-0704

Scott Armstrong

Lead Consultant
MMM Group

ArmstrongS@mmm.ca

905-882-4211