



CONSTRUCTION RESOURCE INITIATIVES COUNCIL

# INTERNATIONAL LEADERS WORKSHOP

are **YOU IN?**

Detailed Program

**April 17-19, 2012**

**Location: Wakefield Mill,  
Wakefield, Québec, Canada**

Join industry leaders and innovators to influence the direction and pace of **Mission 2030 – Zero Building Waste.**

Add your voice and support to this key industry initiative.



**INSPIRATION: COMMITMENT THAT ENDURES**  
[www.cricouncil.com](http://www.cricouncil.com)



# THIS IS NOT YOUR TYPICAL CONFERENCE.

At this unique event, leaders, innovators and experts from all fields are coming together to create the Mission 2030 Accord setting the direction and pace of the one of the most important and far reaching initiatives to hit the building industry in many years.

Invited include leaders and innovators from all building sectors and levels of governments, media, insurance, educational institutions, etc.

Participants can expect a safe, encouraging and collaborative environment, supported by a design charrette type framework.

Are YOU in?

## The top five reasons to attend this workshop:

- 1) **An unparalleled opportunity to network:** You will have the ability to network and work with industry leaders, innovators and sustainability experts. You can also book one on one time with any of the CRI Council members contact to schedule a meeting.
- 2) **Build a better business case:** Learn and understand the multitude of factors needed to create an effective business case for sustainability
- 3) **Influence an important industry initiative:** Participate in setting the direction and pace of **Mission 2030** – Voice your concerns and ideas.
- 4) **Increase your understanding of “Science in Architecture”:** An ambitious education concept first introduced in 2011 with the goal of making sustainability, truly sustainable.
- 5) **Get a first look at tools:** There are a number of tool under consideration as part of **Science-in-Architecture** and its Mission 2030. Help us evaluate, critique, and prioritize the tools currently under consideration.

Don't miss this opportunity to add YOUR voice to the industry leaders and innovators who will decide the direction of this critical building waste elimination initiative.

Together we CAN produce Zero Building Waste to landfills by 2030

(see page 9 for list of attendees)



# WORKSHOP AGENDA

**TUESDAY, APRIL 17, 2012**

**4:00 - 5:00      REGISTRATION**

**5:00              GUIDED TOUR OF THE WAKEFIELD MILL by Robert Milling**

The Wakefield Mill is located in the forest of the beautiful and eclectic village of Wakefield, only a 25 minute drive north of the Canada's capital, and on the edge of the stunning MacLaren Falls, in the 361sq/km Gatineau Park. The original mill building was built in 1838, and began its revival into an international destination in 2001, with many of its unique features preserved for adaptive reuse, the nearby 1840 rural Miller's house now serves as the Mill's new Eco Spa. In 2011, a new 13 guest room Eco River Lodge married the old buildings, not only architecturally, but also as the first LEED hotel (awaiting certification) in the with the National Capital Region. All of this making it the perfect setting for the CRI Council to INspiration International Leaders Workshop. The Mill also offers and exceptional spa facility [www.wakefieldmill.com](http://www.wakefieldmill.com)

**WELCOME COCKTAIL - sponsored by the Wakefield Mill**

**6:00              WELCOME DINNER**

Experience the local French-Québécois style cuisine, with international influences. Welcome address: CRI Council Founding President **Renée Gratton**, RG Integration & Associates Inc.

Video address: **David R. Miller**, Aird & Berlis, Counsel, International Business & Sustainability

**WEDNESDAY, APRIL 18, 2012**

**7:30              NETWORKING BREAKFAST & REGISTRATION**

**8:00              INTRODUCTIONS**

by **John-David Hutchison**, CSV

**Inc INspiration – the Commitment that Endures**

Presentation by **Renée Gratton**, RG Integration and Associates Inc.

A review of the issue, impacts, opportunities, challenges and proposed solution, starting with the Mission 2030 Accord, and Science-in-Architecture. The presentation will also include brief perspectives from various stakeholders groups to be confirmed (i.e. Developer, Manufacturer, Waste Hauler, Recycler

**9:30              BREAK**



10:00

**Creating sustainable change**

by **David Lynch**, The Fios Group

Open Discussion / Q&A

11:30

**LUNCH**

**Approaching Mission 2030 with an integrated design process**

by **Teresa Coady**, B+H Bunting Coady Architects

1:00 - 4:30

**BREAK OUT GROUP MEETINGS:**

For Mission 2030 to succeed, it will require the integration of as many industry stakeholders as possible (from and beyond the building industry); for a strategy that all can agree on, and commit to. While the CRI Council has presented part of its strategy in the 'Science-in-Architecture' document, break out groups for more focused discussions on priorities will be organized, to discuss:

1. **Mission 2030 Accord:** an international treaty whereby public and private organizations would agree to eliminate building wasted resources. In this group, discussion will focus around how to approach all the various stakeholders and role players group, and what support might be available to ensure its success.
  - i. Construction, Renovation and Demolition (CRD) – one stream of the Industrial, Commercial and Institutional (IC&I) waste, at major sectors, including, but not limited to
    - Commercial Buildings and Development
    - Building Product Manufacturing and Supply Chain
    - Residential Buildings and Development
  - ii. Building Operations and Maintenance
    - Industrial, Commercial and Institutional
    - Residential
  
2. **Measurement & Verification:** While the CRI Council envisions a simple and accessible accord in order to inspire and motivate the masses, whom have yet to take their first steps, the questions then are: 'What should the minimum terms and guidelines for measures and verification be? Not only to be effective, but also for research and development of policies.
  - i. Baseline
  - ii. Measure (A simplistic Weight approach VS a more in depth such as UNEP Carbon Metrics Ref.: <http://www.unep.org/sbci/pdfs/UNEPSBCICarbonMetric.pdf> )
  - iii. Verification (documentation, submittals, independent or 3rd party, etc.)
  - iv. Guidelines/Standards





3. **Science-in-Architecture:** the first initiative of the CRI Council to reach the goal of Mission 2030, is a concept for a fundamental, accessible and unique holistic education program for sustainable development. In this proposed 'learner-centered' approach, creativity, collaboration, and experience are highly valued, and barriers between environmental, social and economical thinkers are broken, to maximize the learning experience and fast forward industry transformation. In this group, discussions would focus around the development and delivery of the education system.
  - i. Requests for Proposals Terms of Reference and Financing
  - ii. Tools:
    1. Waste Management Planning Tools
    2. Standards, Regulations, Codes, Certifications Guidelines (i.e.: CSA Guideline for Design for Disassembly and Adaptability in Buildings; CSA Standard on Deconstruction of Buildings and their Related Parts, ISO Environmental Product Declarations, Extended Producer's Responsibility, Cradle to Cradle, International Green Construction Code, etc.)
    3. Interactive Maps and Networking
    4. Library: Glossary, Study Cases, Fundamental Life Cycle Info, Research template to establish preferable products – a matrix for design & specs
      - iii. Free-trade barriers and opportunities
      - iv. Hot-Line:
      - v. Research Guidelines to maximizing synergies of the waste hierarchy or to motivate construction reforms, while minimizing trade-offs such as industrial contamination in the learning and transformation process. This could include a template to determine preferable products – a matrix for architectural or industrial design and specs)
      - vi. Greenwashing identifiers Initiative development & Implementation / delivery
4. **Stakeholder Integration:** Integration of all stakeholders and role players is a critical core principle of the CRI Council to reach its goal. Therefore, those involved in this group will work at identifying all the stakeholders, who may typically be included in the design build process; the role players, who must be considered; and how their interaction can maximize industry efforts, or minimize trade-offs.
  - i. Real Property/Owners/Facilities Managers; Consultants: Architects/Designers/Engineers/Acousticians; Builders: From management to workers; Manufacturers, suppliers/dealers; Recyclers; Waste Haulers; Educational Institutions; Industry Associations; Market Analysts
  - ii. Transportation; Surety Organizations; Business & Market Development Organizations; Sociologist, Agricultural Sector
5. **Market Transformation Critical Path:** By identifying current issues which have to date, either been ignored, important obstacles or opportunities to market transformation, or simply overwhelming to deal with, the outcome of this group's discussion will help lay the roadmap to Mission 2030
  - i. Media and public outreach
  - ii. Traditional Project Delivery Method
  - iii. Recovery of Waste to Energy and other Innovations
  - iv. Important Environmental Disasters (i.e.: North Pacific Ocean Gyres, waste floating from Japan tsunami to Vancouver)

6:00

## DINNER & ENTERTAINMENT

Relax and enjoy the dynamic local music duo, Chakidor



## THURSDAY, APRIL 19, 2012

- 7:30 LEADERS & INNOVATORS NETWORKING BREAKFAST**
- 8:00 KEYNOTE ADDRESS**  
by **Hilary French**, Programme Officer, Climate Change & Resource Efficiency, United Nations Environment Programme (UNEP), Regional office North America (RONA), Washington DC  
Alliances and 'Decoupling' for resources efficiency
- 9:00 - 11:30 BREAK OUT GROUP REPORTS**
- 12:00 LUNCH**  
Keynote Address by **Stephen Pope**, OAA, Natural Resources Canada, Athena Sustainable Materials Institute Chair
- 1:30 CRI Council Presentation Panel: Moving Forward with Report, Documentary + Q&A & Wrap-up**
- 4:00 WRAP-UP**



## FRIDAY, APRIL 20, 2012

- 9:30 - 4:00 DEBRIEFING & FOLLOW-UP MEETINGS**

Note: The CRI Council has been invited to present its work and/or Mission 2030 at

- REALpac (Real Property Association of Canada) Corporate Responsibility & Sustainability Cit, Toronto, January 24, 2012
- The Canadian Construction Association, Business Market Development Cte, Savannah GA, US, March 13, 2012
- The Solid Waste Association of North America Conference, Niagara Falls, ON, Canada; April 23rd, 2012
- The International Solid Waste Association Congress, "The World Solid Waste Congress 2012 will define the effectiveness of the waste management industry for years to come"; Florence Italy, September 17-19, 2012



# REGISTRATION

## April 17-19, 2012 INTERNATIONAL LEADERS WORKSHOP REGISTRATION

Space is limited to 40 with overnight accommodations + 40 without accommodations = 80 Total

### ORGANIZATION

CITY \_\_\_\_\_ PROV/STATE \_\_\_\_\_ COUNTRY \_\_\_\_\_

POSTAL CODE/ZIP \_\_\_\_\_ WEB \_\_\_\_\_

ATTENDANT 1: \_\_\_\_\_

EMAIL: \_\_\_\_\_

TEL: \_\_\_\_\_ CELL: \_\_\_\_\_

OTHER ATTENDANT(S) \_\_\_\_\_

NOTE: Base Price includes accommodations, meals & service, but does not include travelling expenses  
 Details on annual membership/sponsorship or alliance at [www.cricouncil.com](http://www.cricouncil.com) under 'SUPPORTERS'  
 Please call (613) 795-4632 for special requirements  
 Payment Options: by credit card through PayPal [http://www.cricouncil.com/?page\\_id=649](http://www.cricouncil.com/?page_id=649)  
 Electronic direct bank deposit – info provided upon request  
 Registration can only be confirmed upon payment reception

WORKSHOP FEE	ATTENDANT 1	ADDITIONAL ATTENDANT	TOTAL
CRI Council Bronze sponsor (5,000.00)+	700.00	1000.00	
CRI Council Ally (non-profit or in-kind organizations)	1250.00	1100.00	
CRI Council Founding sponsor	1550.00	1300.00	
CRI Council Corporate member	1750.00	1500.00	
Other	1950.00	1700.00	
Discount 300.00 if accommodations are not required			
<b>WORKSHOP SPONSORSHIP</b>			
Platinum (1 available) Event Host	10,000.00		
Gold	7500.00		
Silver (5)	5000.00		
Bronze (7)	2500.00		
Other (i.e.: Entertainment, Press or Multi-Media Conferencing, Documentary, Post presentation, Student, Special Research or Project, etc.)			
		Sub-total	
		13% HST	
		<b>TOTAL</b>	

Email registration to [info@cr council.com](mailto:info@cr council.com)



[www.cricouncil.com](http://www.cricouncil.com)



**Renée Gratton**

**LEED AP, RG Integration & Associates Inc.;**

Founding President of the Construction Resource Initiatives Council  
With 28 years of experience in various sectors of the building industry, and now an architectural specialty agent and sustainability consultant, Renée also serves at the Canadian Standards Association, and educator. Prior to founding the CRI Council, she served as Director of the Canada Green Building Council. She has authored several industry courses, numerous articles and two industry peer reviewed papers. In early 2011, with a Zero Waste Vision, Renée founded the Construction Resource Initiatives (CRI) Council and introduced Mission 2030. A call to action for all, the initiative's goal is zero construction, renovation and demolition waste by 2030. Renée has been recognized by design-build industry organizations and is supported in her CRI Council efforts by countless volunteers.

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**Teresa Coady**

**President, B+HBunting Coady, Vancouver**

Among many other accomplishments, Teresa Coady is known for her involvement in the creation and development of the 'integrated Design Process' (IDP) building method. The international B+H BuntingCoady IDP approach is composed of a series of steps that, according to Coady: "(work) anywhere, anytime on any kind of building". For Teresa, the concept of "Living, Breathing Building" is synonymous with a move away from the notion that buildings should be built as machines for inhabitation and towards biometrics (the art and science of using nature and natural systems as the source of inspiration for creating buildings and building systems). A "Living, Breathing Building", according to Coady, is a building that imitates nature and enhances the environment. Committed to her beliefs, Teresa is currently working with UNEP, developing a 'World Green City' initiatives, to inspire living breathing communities, to support future generations.

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**Hilary French**

**Programme Officer, Climate Change & Resource Efficiency, United Nations Environment Programme (UNEP), Regional office North America (RONA), Washington DC**

Working with Major Groups and Stakeholders Branch to promote civil society engagement with UNEP's work, Hilary is currently updating the publication, Natural Allies: UNEP and Civil Society. She has been a Special Advisor to UNEP since 2002, undertaking assignments with the Divisions of Regional Cooperation, Technology, Industry, and Economics, Policy Development and Law, Early Warning and Assessment, as well as the Office of the Executive Director. Hilary has also worked with Worldwatch since 1987, in various senior research and governance positions, currently serving as Senior Advisor for international institutions programs on their role for environmental protection and sustainable development. She is published widely on global environmental and sustainable development issues, including co-authoring in annual State of the World reports, and authoring the book Vanishing Borders: Protecting the Planet in the Age of Globalizations. Hilary majored in history, holds a law diplomacy masters degree, interned in the Ivory Coast and with the United Nations Institute for Disarmament Research, Geneva.







**Stephan Pope**

### **Natural Resources Canada, Athena Sustainable Materials Institute Chair**

Stephen Pope is a Sustainable Building Design Specialist at Natural Resources Canada who develops research on energy efficiency for commercial buildings, provides design facilitation for high-performance building, and training on whole building energy simulation. With Natural Resources Canada he participated in the development of whole building energy analysis software supporting the Model National Energy Code of Canada for Buildings 1997, and an early version of the ATHENA® Impact Estimator for Buildings software (ATHENA® IE). He is Past Canada Green Building Council's Metrics Chair & LCA Task Force, and a Past Ontario Association of Architects Councilor.

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**David Lynch**

### **the Fios Group**

Founder of The Fios Group, and experienced change manager, David M Lynch works with early stage organizations to accelerate their growth. A regular contributor to the Ottawa Business Journal, David was the editor of the Construction Recycling Initiative Position Paper "GYPSUM Recycling in the National Capital Region", and will be assisting in documenting Mission 2030 progress, and will be conducting interviews and coordinating materials throughout the conference.

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**David Miller**

### **Aird & Berlis, Counsel, International Business & Sustainability**

Forward thinking leader, David Miller was Mayor of the city of Toronto from 2003 to 2010, changing the face of municipal sustainable development. In recognition of Toronto's role as a world-leading environmental city, then mayor Miller was appointed chair of the influential C40 Cities, Climate Leadership Group. While Mr Miller could not attend the workshop in person, he will be preparing a video in advance, especially for this important gathering, speaking on lessons learnt from public experience and more recent work.



## WHO'S ATTENDING?

### Planning committee

Renée Gratton, RG Integration  
Michael Trevail, ACTT Installation  
Elizabeth Millar, Stone Tile  
Serge Desjardins, Minto Communities  
Teresa Hanna, ORC Canada Green Building Council  
Ann Callaghan, Callaghan Letellier  
Wiens Gibbons Design

Gordon Erskine, Erskine Dredge Architects  
Brian Hall, Canadian Precast/Prestressed Concrete Institute  
Ross MacLeod, Forest Echo  
John-David Hutchison, CSV Architects  
James Oickle; David Lynch, The Fios Group  
Teresa Coady, B+H Bunting Coady Architects

### Senior Representatives from the following groups are anticipated

Architecture Canada  
Construction Associations  
Energies 2050, France  
Green Party of Canada  
Interior Designers Canada

Ryerson 'U'- Fac. Architecture  
Ottawa Regional Society of Architects  
Corflex  
Catholic 'U' of America

### Special invitations have also been issued to (partial list only)

3R MCQ,  
Algonquin College of Heating Refrigerating & Air Conditioning (ASHRAE)  
Speciality Associations  
Chambers of Commerce  
Emterra

#### Financial institutions:

BMO  
Scotiabank  
Golder & Associates  
Greater Ottawa Home Builders Association & National  
Insurance Bureau of Canada  
MHPM  
New West Gypsum Recycling  
Real Property Association of Canada  
SNC Lavalin  
Tomlinson  
Walls & Ceiling Contractors Association

BLJC, Builders  
Building and Construction Organizations  
CIB International for Research and Innovation  
Federation of Canadian Municipalities

CIBC  
RBC  
Governments - all levels  
Hydro Quebec  
International Solid Waste Association  
Ontario Power Authority  
Plasco  
Recycling Council of Ontario  
Wood Council  
Waste Management  
Wastecap

Countless other subject matter experts, marketing, business, communications or public media and surety organizations, financial institutions, life cycle experts, building product specialists, 'waste' handlers



DIRTT

ARCHITECTURE CANADA  
RAIC | IRAC



Corflex



idc interior designers of canada  
designers d'intérieur du canada

ACTT  
Installation Ltd

ERSKINE  
DREDGE  
& Associates  
ARCHITECTS INC.



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