

Wood *WORKS!* E-Bulletin Branché sur le bois

The newsletter of the Wood *WORKS!* initiative / Le bulletin de l'initiative Branché sur le bois

29-05-2009
Edition 09-05

National

- **Solid Wood Wall Study**

Wood *WORKS!* supported a design and construction team in the development of conceptual schematics of a panelized solid wood wall structure for a typical office building. All structural assemblies including exterior walls, floors and roofs compose the massive wood wall system, similar to buildings already built in Europe. Driving factors behind this study is to assess viability, costing and feasibility of these assemblies. Also, with respect to sustainably -- wood acts as a carbon sink. Massive wood assemblies store large quantities of carbon for the lifetime of the building. No other material can make this claim and as such wood has proven time and again to be the superior building material for many factors. For more information on this study or to obtain research documents please contact Jennifer Duthie at: jduthie@cwc.ca

- **Étude de mur en bois massif**

L'initiative Branché sur le BOIS! a appuyé une équipe de conception et de construction dans le développement d'un schéma conceptuel d'une structure en panneaux de mur en bois massif pour un immeuble à bureaux typique. Tous les assemblages structureaux, y compris les murs extérieurs, les planchers et les toits constituent le système constructif de mur en bois massif, semblable aux bâtiments déjà construits en Europe. Cette étude vise à évaluer les facteurs comme la viabilité, l'établissement du coût de revient et la faisabilité de ces structures. En ce qui a trait à la viabilité -- le bois agit comme un puits de carbone. Les assemblages de bois massif emmagasinent de grandes quantités de carbone pendant toute la durée de vie du bâtiment. Aucun autre matériau ne peut avoir cette prétention et à ce titre le bois demeure depuis toujours un matériau de construction supérieur à l'égard d'un grand nombre de facteurs.

Pour plus d'information sur cette étude ou pour obtenir des documents de recherche veuillez communiquer avec Jennifer Duthie à : jduthie@cwc.ca

- **Wood *WORKS!* Supported Research Reports on the Sustainability File**

1. Detailed Analysis on the possible effects / impacts the USGBC LEED Building Rating System could have on the building sector
2. Review / assessment of the GBI Green Globes Building Rating System from a marketing perspective

Both reports made possible with the support of Natural Resources Canada.

Branché sur le BOIS! Dossier des rapports de recherche sur la viabilité

1. Analyse détaillée des effets / impacts possibles que le système USGBC LEED pourrait avoir sur le secteur du bâtiment.
2. Examen / évaluation du système d'évaluation des bâtiments écologiques d'un point de vue du marketing.

Les deux rapports sont rendus possibles avec l'appui des Ressources naturelles Canada

Wood *WORKS!* is a
Canadian Wood Council
initiative

*Branché sur le bois est une
initiative du Conseil canadien
du bois*

Feature Stories

[New Report: Expanding
Market Demand for Canadian
Wood Products](#)

[Wood *WORKS!* BC gets boost
from Premier for code changes
to allow 7-Story Mid-rise
Wood Buildings in BC.](#)

Upcoming Events

[Click Here!!!](#)

**Potential Wood Projects
Pursued by Wood
*WORKS!***

British Columbia

- **Provincial Steering Committee Meeting**

The May 14 Provincial Steering Committee meeting was most productive with eleven board members plus Wood *WORKS!* staff in attendance. The meeting started with the introduction of the program's new committee chair, Jean- Luc Carriere followed by a formal thank you to Paul Perkins the outgoing chair, for his enthusiastic support and service to the program over the past four years.

Feedback from the board after a review of 2008-2009 activities has initiated action plans that include, the request for a meeting of key people at the Provincial level to brainstorm future strategy ideas in relation to government and industry within the next 30 days. At national level, our national program coordinator Etienne Lalonde has been requested to find out from Ottawa what plan/time line is for allowing and favouring wood in purchasing-review the procurement policy for the Federal Government.

With respect to the provincial building code changes regarding wood construction in mid-rise residential buildings, the board has requested that the new Association of Professional Engineers guidelines be sent to the 20 + projects that are being contemplated. In addition it has been requested that someone from Forintek go through the document.

Discussion followed regarding the new position for a communications staff member as well as the development of a position paper on Wood Education. The consensus at the meeting closure is that right now there is an opportunity to accelerate in our mission and the board gave direction to pursue these within the scope and resources of the Wood *WORKS!* BC program.

- **Project – Centre for Excellence for Sustainable Design** at Okanagan College

CEI Architects have just been awarded the design of the new Centre of Excellence for Sustainable Design at Okanagan College in Penticton, BC. Wood *WORKS!* BC Technical Advisor, Bill Billups, will be an active participant in their design charette taking place June 24th to 26th in Penticton. CEI Architects will be doing a similar design charette to the one previously held for the Armstrong / Spallumcheen Arena in Armstrong and the addition for the Cowichan Lake Recreation Centre. In both cases Wood *WORKS!* BC was proactive in helping the community and the design team find a wood solution that helps them meet the Wood First Policy of the BC Government.

- **In-House Seminars** Sukh has now expanded his efforts to reach out to the Engineering community in addition to the Architectural Community with the In-house seminar program.

For the engineering community numerous presentations have been made thus far to Weiler Smith Bowers Engineers, Thomas Leung Structural Engineers and Bogdonov Pao & Assoc. with the topics being Properties of Wood, Sustainability and the Environmental Benefits of Engineered Wood Products & Glulam, and finally Continuous Rod Systems for BC Midrise Construction. The presentations were well received and well attended with the participants requesting more seminars.

The architectural community also continues to be a strong draw for In House Seminars. Presentations were made to Patrick Cotter Architects, Busby Perkins & Will, the Nanaimo Cluster, and the Victoria Chapter of AIBC, the topics being Sustainability, and Midrise-Structural Issues.

- **BC Midrise**

In terms of the ongoing work on the BC Midrise Initiative presentations have been made to groups across BC to Architects, BOABC officials, Engineers,

For more information on the projects , please contact the provincial directors by clicking on the project's link.

British Columbia:

[Vancouver Convention Center Expansion Project](#)

[Surrey Olympic Training Center](#)

2010 Olympic Venues:

[Olympic Speed Skating Oval, Richmond](#)

Alberta:

[YMCA, Downtown Edmonton, AB](#)

Ontario:

[Kitchener Library](#)

[Aylmer Fire Hall](#)

Quebec:

[Tim Horton's](#)

Wood Links

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Developers including spots at Urban Development Institute and the AIBC AGM. Sukh continues to work on the [BC Six Storey Wood Frame](#) webpage and has also produced a 19 minute documentary called: [Midrise Construction a detailed look at a changing landscape](#) . This engaging film illustrates existing solutions to the many key details and concerns that many in the design community are seeking as they design their own BC Midrise buildings.

Alberta

- **Wood WORKS! Alberta 3rd Awards Gala**, Has been Postponed. Alternate presentation of the awards to be announced on the website. Nominations remain open until further notice.
- **“Wood Solutions Fair” held at the Mayfield Inn, Edmonton, April 8, 2009**. Attended by 200+ participants, the 11 topics were well received and covered topics from innovative trends, Environmental Questions and spectacular wood design projects.
- **“Inspirational Design Luncheon”** Will be May 14 (Saskatoon)& 15 (Edmonton) The luncheon speaker is Lubor Trubka, Master of Science in Architecture and Urban Design and Master of Science in Structural Engineering, Czech Technical University of Prague. Mr. Trubka’s original and innovative designs of projects utilizing wood and engineered wood products have earned him many international awards and the reputation of a renowned specialist. He has been actively pioneering a broader use of sustainable wood construction technologies in Canada and abroad.
- **“Structural Design Workshop”** will be held June 25, in Edmonton. Guest speakers are Grant Newfield from RJC, Robert Malczyk, of Equilibrium Consulting and Don Mah, from NAIT. The session will run from 9 – 3:30 and cover Waste Minimization, Structural Practices & Emerging Trends.
- Contact for any of the events can be directed to Juanita Bobbitt at: jbobbitt@wood-works.ca or by calling 780-489-5900

Ontario

- **9th Annual Wood WORKS! Awards Program Call for Nominations** Nominations are now being received for the 2009 Wood WORKS! Awards. Visit www.woodworksawards.com to download nomination forms.
- **Education Session for intra Architects, Vaughan (May 5)** Delivered a 90 minute educational session on siding and engineered wood products to intra Architects.
- **Federation of Northern Ontario Municipalities Conference and AGM, Sudbury (May 6-8)** Wood WORKS! sponsored the keynote presentation at FONOM on sustainability and the environmental/economic benefits to communities of pursuing wood construction on municipal projects.
- **Ontario Association of Architects AGM, Toronto (May 6-8)** Wood WORKS! is hosted two core continuing education sessions at the OAA’s AGM in Toronto. The sessions were very well received, and combined, they provided 400 CORE learning hours to OAA members. Wood WORKS! also sponsored the Celebration of Excellence dinner saw traffic of more than 1000 delegates at the trade show booth.
- **Presentation to Wellington/Waterloo Chapter OBOA, Waterloo (May 12)**

Delivered a two hour training session to the Wellington/Waterloo building officials on mid-rise, EWP and trusses. 22 building officials in attendance.

- **Presentation to IBI Group Architects, Toronto (May 13)**
Delivered a one hour, in-house presentation on sustainability, EWP and award winning projects to IBI Group Architects. 18 associates and 2 principals in attendance.
- **Ottawa Wood Design Luncheon Conference, Ottawa (May 20)**
This half-day seminar drew 124 attendees from the Ottawa region to take in technical presentations about wood: Wood as a Durable Construction Material; Patient Focused Care and Wood in the Healing Environment; AGO Transformation – Advanced use of CNC Technology – Sophisticated Connection Design. The sessions were extremely well received and generated response feedback praising the topics and presenters in addition to requests for more educational seminars in the region.
- **New Case Study**
Look for our newest case study, The Rock Community Church, both in print and PDF formats. Download a copy from www.wood-works.org (click on the link for Case Studies under the Ontario Wood WORKS! tab) or email Tim Buhler tbuhler@wood-works.ca to request a print copy.
- **Upcoming**
Federation of Canadian Municipalities Conference, Whistler (June 5-8)
Canadian Green Building Council, Montreal (June 9-11)
Royal Architectural Institute of Canada, Montreal (June 17-19)
Association of Municipalities of Ontario, Ottawa (August 16-18)

Québec

- **Cecobois.com Online**
The Cecobois, (Centre d'expertise sur la construction commerciale en bois) website has just been launched online. Internet users can now access sections dealing with wood advantages, wood applications and properties, wood and the building code and wood and the environment. They will also find an inventory of projects, manuals and publications, lists of manufacturers and suppliers, a lexicon, design tools, examples of plans and specifications, as well as news and events to come. Your comments will be appreciated. Have a good visit at www.cecobois.com
Cecobois.com en ligne
Le site Internet de cecobois, le Centre d'expertise sur la construction commerciale en bois, est maintenant en ligne. Les internautes peuvent y consulter des sections portant sur les avantages du bois, le bois et ses applications, le bois et ses propriétés, le bois et le Code du bâtiment et le bois et l'environnement. On y trouve également un répertoire de projets, des manuels et des publications, des listes de fabricants et de fournisseurs, un lexique, des outils de calcul, des plans et devis types ainsi que des nouvelles et les événements à venir. Vos commentaires sont appréciés. Bonne visite sur www.cecobois.com
- **Technical Guides in Production**
The Cecobois team has created two technical guides that will soon be available online at www.cecobois.com They deal with I-beams and open web beams. Two other guides in production will deal with roof trusses and engineered wood posts and beams. These guides will help engineers and architects designing buildings with wood.
Guides techniques en production

The L'équipe de cecobois a rédigé deux guides techniques qui pourront bientôt être consultés sur www.cecobois.com Les sujets traités sont les poutrelles en I et les poutrelles ajourées. Deux autres guides sont en rédaction qui porteront sur les fermes de toit et les poutres et colonnes en bois d'ingénierie. L'objectif des guides est d'aider les ingénieurs et les architectes dans la conception de bâtiments utilisant le bois.

- **Courses for Engineers**

Cecobois will organize two courses on the design of wood frames during winter 2009. These courses will deal with light wood framing (one day) and posts and beams framing (one day) of multiple stories buildings. These courses are based on real designs made in Quebec and in Ontario in accordance with the National Building Code 2005 and the CSA 086 Design Standard.

Formations pour ingénieurs

Cecobois offrira deux formations sur la conception des charpentes en bois à l'hiver 2009. Les formations traiteront de la conception en ossature légère (une journée) et de la conception en poutres et poteaux (une journée) de bâtiments multi-étagés. Les formations seront basées sur des conceptions réelles faites au Québec et en Ontario conformément au Code national du bâtiment 2005 et la norme de calcul CSA 086.

**Wood WORKS! would like to thank its project partners.
*Branché sur le bois remercie ses partenaires.***

The Wood WORKS! project is a national, industry-led initiative, spearheaded by the Canadian Wood Council, to promote the use of wood in commercial, industrial and institutional construction.

The Wood WORKS! E-Bulletin is our method to communicate to you the many activities, accomplishments and successes of the initiative throughout the past month, as well as upcoming projects and events we are currently working on.

Le projet Branché sur le bois est une initiative nationale, lancée par l'industrie et menée par le Conseil canadien du bois, afin de promouvoir l'utilisation du bois dans la construction commerciale, industrielle et institutionnelle. Le Bulletin Branché sur le bois s'avère notre méthode de communication pour vous informer des activités, résultats et succès du projet au cours du mois, en plus de vous mettre au courant des événements à venir.

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