

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

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

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National

- **2010 Olympics Update**

Construction of the Olympic Oval is almost complete with a project completion date of Fall 2008. The wood structure being used for the oval has been completed. This innovative wood roof structure is one of the largest of its kind in the world. The construction stages of this structure have been filmed with the intent to create a documentary for public television stations. Wood *WORKS!* is in the process of looking for partners in promotion / television networks sector as well as continuing to monitor the project until completion. As well, Wood *WORKS!* plans to complete an in-depth case study of this structure in the fall.

Wood *WORKS!* has also worked closely with the architects and engineers involved with the other 2010 facilities: a Curling Rink and Nordic Center, and have been providing technical advice to the construction team which has ensured that wood solutions are used on all 2010 structures.

Les Dernières nouvelles des Olympiques 2010 olympiques 2010

La construction de l'anneau olympique (Olympic Oval) dont la date d'achèvement est prévue pour l'automne 2008 tire à sa fin. La structure en bois utilisée pour l'anneau a été terminée. Cette structure de toit en bois innovatrice est l'une des plus grandes du genre au monde. Les étapes de construction de cette structure ont été filmées dans le but de créer un documentaire qui sera diffusé par les chaînes de télévision publiques. L'initiative Branché sur le BOIS! est à la recherche de partenaires dans le secteur de la promotion / réseaux de télévision tout en continuant à surveiller le projet jusqu'à son achèvement. Aussi, Branché sur le BOIS! entend terminer une étude de cas en profondeur de cette structure à l'automne.

Branché sur le BOIS! a aussi travaillé en étroite collaboration avec les architectes et les ingénieurs qui s'occupent de la construction des autres installations pour 2010 soit la piste de curling et le centre nordique et ont fourni des avis techniques à l'équipe de construction qui a veillé à ce que les solutions en bois soient retenues pour toutes les structures olympiques.

- **Mid-rise Wood Building Study**

Discussions of the feasibility and practicality for the construction of wood structured buildings over 5 stories have taken place. Experts evaluated and identified details specific to this study and developed a plan of action during an expert forum and a research document has been completed. The next step of this project is the development of an actual prototype structure.

For more information on this study or to obtain research documents please contact Jennifer Duthie at: jduthie@cwc.ca

Étude sur les immeubles de taille moyenne

Nous avons tenu des discussions au sujet de la faisabilité et de la valeur concrète de la construction de bâtiments à ossature de bois de plus de cinq étages. Des experts ont évalué et identifié des détails particuliers de cette étude et élaboré un plan d'action au cours d'un forum d'experts et un document de recherche a été préparé. La prochaine étape de ce projet est la conception du prototype de la structure.

Pour plus d'information sur cette étude ou pour obtenir des documents de

**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

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

recherche veuillez communiquer avec Jennifer Duthie à : jduthie@cw.ca

- **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 sustainability -- 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@cw.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 structuraux, 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@cw.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

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](#)

British Columbia

- **Successful Provincial Steering Committee Meeting**

Wood WORKS! BC welcomed Jean Luc Carrier to the BC provincial steering committee at the October 30 committee meeting. Jean Luc is Sr. Vice President, SPF –BC Division, for Tembec, and brings a wealth of experience to the committee. Prior to moving to BC, Jean Luc sat on the Ontario provincial steering committee and is very familiar with the Wood WORKS! project.

Wood Links

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The semi-annual steering committee meeting focused on reviewing an expanded plan for Wood *WORKS!* BC, and members were able to provide insight and input into the proposed activities. The Wood *WORKS!* BC provincial steering committee is made up of representatives from the BC architects and engineers association, wood product manufacturers, industry associations and municipal government leaders. The diverse group provides input and guidance to the Wood *WORKS!* program, enabling Wood *WORKS!* to more effectively carry out activities.

- **Canadian Wood Preservation Association Conference**
Peter Moonen and Bill Billups of Wood *WORKS!* BC were guest presenters at the Canadian Wood Preservation Association's annual conference held in Vancouver in October. Peter delivered a sustainability presentation on the various rating systems including LEED and Green Globe among others while Bill gave the participants a firsthand look at what he sees in the field as a technical advisor for the program.
Bill Billups is working in conjunction with FP Innovation in seeking a field project for the research work currently being done by Paul Morris and his group on treated lamstock using ACQ and CA. This work follows in the heels of the work they did with Borocol treated beetle killed pine.
- **Wood *WORKS!* BC Academic Seminar Series and Workshops**
November presentations included presentations at BCIT for the B. Arch Tech students, the Building Officials of BC, Iredale Group of architects and Glotman Simpson Engineering.
For more information about this please contact Sukh Johal directly at 1-877-929-9336 extension 3.
- **Building Research Council**
Sukh attended on Nov 26.
- **Wood *WORKS!* BC Planning Session**
Kelowna, Thursday, November 27. A successful planning session was held by the BC team members looking ahead to 2009. The group was joined by Rory and Gordon, technical consultants for the Wood *WORKS!* Alberta project.
- **Fall Luncheon Conferences**
Kelowna, Friday, November 28 and Victoria, Tuesday, December 2. These very popular events had our largest registration to date with 152 in Kelowna and 265 in Victoria.
The theme for this year's event was "Raising the Roof". The program included:
Shelley Craig, architect, Urban Arts Architecture - a review of the architectural, code and structural challenges that need to be addressed to permit the use of wood in 5-8 storey buildings.
Gerry Epp, engineer, Fast & Epp – the design and construction of the roof on the Richmond Speed Skating Oval.
Barry Schick, General Manager, Acutruss Industries – evolution of the wood truss to the versatile, structurally efficient building material of today.
- **5th Annual Wood Design Awards 2009**
Planning is under way for the 5th BC Wood *WORKS!* Annual Wood Design Awards Competition. This year a new award Interior Beauty of Wood – Commercial has been added thanks to BC Wood. This new award is a welcome addition recognizing the extensive use of BC wood species in the interior design of commercial projects including but not limited to: stores,

malls, banks, office buildings, sports facilities, hotels, lodges, and resorts. The design community is out early with the first nominations already submitted for the 2009 program. The call for nominations closes on Feb 6, 2009.

For more information and nomination forms visit the BC Gala link on our website www.wood-works.ca

- **Wood Solutions Fair 2009**

The Vancouver Wood Solutions Fair, 2009 will be held at the Vancouver Convention and Exhibition Centre on Wednesday, March 18. A full day of educational programming is planned. For those wanting more information on proposed changes in the BC Building Code to permit non-combustible construction to 6 storeys, the program will include a panel discussion and guest speakers from jurisdictions where 5-8 storeys have been built. Exhibitors wishing to participate, contact event coordinator Lorna Malone at lmalone@wood-works.ca

- **2009 Wood Catapult Competition**

This year the third annual Wood Catapult Competition will again take place at the UBC Campus in Vancouver on March 28, 2008, although on a different sports field (Whit-Matthews). Free parking will also be provided by BC Wood *WORKS!* in the parking Plaza beside the field.

The purpose of the competition is to challenge registered college / university students to design and build a wood siege engine capable of accurately hitting targets at 20, 30 and 50 meters using a cement ball. Teams consisting of students and one faculty member submit a short report prior to the competition about their design. On the morning of the competition each team will be required to give a fifteen-minute presentation to the judges, after their weigh-in and set up. In the afternoon, timed performance trials and distance trials will determine the winners and prizes will be awarded to the top three teams (\$1500, \$1000 and \$500 respectively) as well as prizes for Best Presentation, Maximum Distance and Aesthetics/Spirit.

Alberta

- **Welcome to Rory Koska, and Gord Royce, Technical Advisors, Alberta** can be reached at the Edmonton Office 780-489-5900 rkoska@wood-works.ca

Gord can be reached in Calgary 403-690-9630 groyce@wood-works.ca

- **Workshop -- Practical Aspects of Wood Quality for Architects and Engineers**

Workshop being held in Edmonton February 17th & Calgary February 19th, 2009

- **Wood *WORKS!* Expanding its Reach**

Wood *WORKS!* is reaching out to Saskatchewan! Staff will be attending SUMA Feb 2-3, 2009 and hosting a Lunch & Learn for local Architects and Engineers, as well as those interested.

- **Wood *WORKS!* Alberta presents the 3rd Awards Gala**

April 23th, 2009. This will be held at Snow Valley Lodge, Edmonton. Nominations are now being accepted. Nomination Deadline March 27th, 2009

- **Wood Solutions Fair**

Wood Solutions Fair” to be held at the Mayfield Inn, Edmonton, April 8th,

2009 Contact for any of the events can be directed to Juanita Bobbitt
jbobbitt@wood-works.ca or by calling 780-489-5900

Ontario

- **2008 Wood WORKS! Awards Calendar Now Available**
For a complete list of the 2008 Wood WORKS! Award winners, or a complimentary copy of the new Award Winners Calendar (for 2009), please forward your request to Tim Buhler tuhler@wood-works.ca
- **Wood Solutions Fair
Minneapolis November 5th**
This year's Gala was a resounding success with a capacity crowd of 370 architects, engineers, project owners, elected officials and industry professionals from across the province. Also present was Minister of Natural Resources, the Honourable Donna Cansfield. 12 trophies were presented to individuals whose amazing wood buildings, advocacy, and other contributions are helping create a true 'wood culture' in Ontario. Sincere thanks to our industry sponsors. Without your support, this highly influential event wouldn't be possible.
- **Student Wood Product Design Competition Winners Announced
Toronto November 12th**
The provincial winners of the 2008 Student Wood Product Design Competition were announced at the Wood WORKS! Awards Gala. The provincial prize for Best Product was awarded to the intercollegiate team of Daniel Jessel (Conestoga College) and Melanie Ross (University of Waterloo) for their innovative product SKU. The top prize for Best Marketing Plan was shared between teams from Ryerson University and Sheridan College.
- **Toronto Wood Solutions Fair
Toronto November 13th**
Ontario Wood WORKS! hosted another successful Wood Solutions Fair, generating positive feedback and more than a dozen requests for in-office wood related technical presentations. More than 700 people attended to take in a well received seminar schedule of 18 expert speakers. The trade show, which included 10 new exhibitors, also received considerable traffic. The seminar sessions covered a variety of wood related topics including Lateral Design for Wood Buildings, How to Design Halls and Wide Span Structures, Wood Properties and their Effect on Paint and Coatings and 12 other informative seminars. PDF versions of these and other WSF presentations are available online at:
<http://www.cwc.ca/Events/Wood%20Solutions%20Fairs/?Language=EN>
- **Construct Canada
Metro Toronto Convention Centre, South Building December 3th – 5th**
Ontario Wood WORKS! Exhibited at this event in the WOOD ZONE at booth 132. 1400 square feet of exhibit space dedicated exclusively to wood and wood products.
- **Upcoming
Ontario Wood WORKS! 3-Year Growth Plan**
Ontario Wood WORKS! is finalizing their next 3 year Growth plan after consultation with industry, government, designers, users and other partners. The plan will be published in December. 2009
Student Wood Product Design Competition Launch – December
Faculty Advisor Registrations are now being accepted for the 2009 Student

Wood Product Design Competition. If you teach an architectural, engineering or forestry related course at an accredited Ontario College or University, and want to register your students to be eligible to participate in this exciting and innovative competition, contact Sarah Hicks directly at 1-866-886-3574 ext. 384.

Québec

- **New Technical Consultant**

The expert centre on commercial buildings (cecobois) recently hired Ms. Jennifer Tardif, architect, as technical consultant.

Nouveau conseiller technique

Le Centre d'expertise sur la construction commerciale en bois (cecobois) a engagé récemment Mme Jennifer Tardif, architecte, qui agira à titre de conseillère technique.

- **Events**

This Spring, Cecobois participated in the Canadian Federation of Municipalities (CFM) Annual Meeting as well as to the Canadian Society of Civil Engineers as an exhibitor. During the CFM meeting, Louis Poliquin, Director of Cecobois, gave an award of recognition to Bernard Généreux, president of the Fédération québécoise des municipalités, the first organization to adopt a resolution that promotes the use of wood as a primary structural material for public, commercial, and residential buildings.

Événements

Le cecobois a participé ce printemps au congrès annuel de la Fédération canadienne des municipalités (FCM) et au congrès de la Société canadienne de génie civil à titre d'exposant. Lors du congrès de la FCM, le directeur de cecobois, Louis Poliquin, a remis un prix de reconnaissance à Bernard Généreux, président de la Fédération québécoise des municipalités, premier organisme ayant adopté une résolution pour promouvoir l'utilisation du matériau bois comme composant principal dans la construction d'édifices publics, commerciaux et résidentiels.

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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