

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

31-01-2008
Edition 08-01

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

National

- **2010 Olympics**

As work on the Olympic Oval is almost complete – Wood *WORKS!* continues to work with the design team to provide technical support. A total innovative wood roof option is being used for the oval making it one of the largest recreational wood structures in the world. Wood *WORKS!* has also worked closely with the architects and engineers involved with the other 2010 facilities being 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. A decision is pending from the City of Vancouver to create a glulam arch over part of Robinson Street in downtown Vancouver.

Les Jeux olympiques 2010

Comme le travail de construction de l'ovale olympique est presque terminé, l'équipe de Branché sur le bois continue de travailler avec l'équipe de conception et de lui offrir du soutien technique. Un toit en bois très innovateur couvrira l'ovale, ce qui en fera une des plus vastes structures en bois au monde dans le cas d'une installation récréative. De plus, l'équipe Branché sur le bois a travaillé en étroite collaboration avec les architectes et les ingénieurs responsables des autres installations de 2010, notamment une surface de curling et un centre nordique, et offre des conseils techniques à l'équipe de construction qui a veillé à ce que l'on utilise des solutions de bois sur tous les bâtiments de 2010. On attend une décision de la Ville de Vancouver concernant la création d'une arche en lamellé-collé au-dessus d'une partie de la rue Robinson au centre-ville de Vancouver.

- **Mid-rise Wood Building Study**

Discussions of the feasibility and practicality for the construction of wood structured buildings over 5 stories high are to take place. Experts are to evaluate and identify details specific to this study and develop a plan of action. For more information on this study or to be part of the discussions please contact Jennifer Duthie at: jduthie@cwc.ca

Étude sur les immeubles de taille moyenne

Il y aura des discussions sur la rentabilité et l'aspect pratique de la construction d'une structure de bois pour les immeubles de plus de cinq étages. Des experts évalueront et détermineront les détails propres à cette étude et élaboreront un plan d'action. Pour obtenir de plus amples renseignements concernant cette étude ou pour participer aux discussions, veuillez communiquer avec Jennifer Duthie à: jduthie@cwc.ca

- **Engineering Wood Structures Survey**

Wood *WORKS!* has developed a survey exclusively for Canadian engineers to identify their needs for wood building design tools. Special emphasis is placed on identifying the elements needed for software to aid in their design and development of wood structures. To take the survey please contact the Wood *WORKS!* team in your province.

Sondage sur les structures de bois conçues par des ingénieurs

L'équipe de Branché sur le bois a élaboré un sondage à l'intention des ingénieurs canadiens afin de cerner leurs besoins en matière d'outils de conception d'immeubles en bois. On cherchera surtout à déterminer les

**Wood *WORKS!* is a
Canadian Wood Council
initiative**

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

Feature Stories

Wood *WORKS!* BC influences
School Planners

[Royal City Star Casino raises
from the ground with WOOD a
major signature in its design](#)

Upcoming Events

éléments logiciels qui faciliteront la conception et l'élaboration de structures de bois. Pour répondre au sondage, veuillez communiquer avec l'équipe de Branché sur le bois de votre province.

- **Sustainable Wood**

The Wood WORKS! team has been asked to assist the wood industry in defending and promoting the green attributes of wood products to communities and design professionals. Peter Moonen of Wood WORKS! BC is actively coordinating this initiative. For more information please contact Peter Moonen at: pmoonen@wood-works.ca

Bois durable

On a demandé à l'équipe de Branché sur le bois d'aider l'industrie du bois à défendre et à promouvoir les attributs écologiques des produits de bois auprès des collectivités et des professionnels de conception. Peter Moonen de Branché sur le bois coordonne activement cette initiative. Pour obtenir de plus amples renseignements, veuillez communiquer avec Peter Moonen dont les coordonnées sont les suivantes : pmoonen@wood-works.ca

British Columbia

- **Mid Rise Construction Forums**

Wood WORKS! is holding two Forums to explore the issues involved in increasing wood use in mid-rise construction. The Forums will provide an opportunity for designers and developers from across Canada to meet with international experts in order to examine issues regarding the use of structural wood in mid-rise (5- 8 story) buildings. Discussion topics will include: building code revisions; product development; hybrid systems; fire performance and structural issues.

Urban centres are moving towards increased sustainable densification initiatives and it is essential that the amount of wood used in the growing mid-rise construction sector be optimized. The Forums will include presentations by Dr. Vahik Enjily, International Research Director, Building Research Development (Watford UK), Dr. Kevin Cheung, Director, Western Wood Products Association (Portland, Oregon), Eric Karsh / Dr. Guido Wimmers, Equilibrium (Vancouver), Geoff Triggs, Principal, LMDG Building Code Consultants Ltd. (Vancouver). In-depth breakout sessions will follow the presentations.

The Vancouver Forum is February 7, followed by a Forum in Toronto on March 6.

For more information on the Forums, contact BC Wood WORKS! Director Mary Tracey at 877 929 9663 or by email at mtracey@wood-works.ca

- **BC Wood Design Awards 2008**

The BC Wood WORKS! Awards Gala will be held on Monday, February 25, 2008 at the Fairmont Waterfront Hotel in Vancouver. Awards will be presented in 12 categories this year including two Western Red Cedar Awards - Residential and Non-Residential. Category criteria and nomination forms for this year's competition are available on line at the BC Wood Works! Gala site at www.wood-works.org.

The Event Sponsors once again is Forestry Innovation Investment. Returning award sponsors are Canfor, Coast Forest Products Association, Council of Forest Industries, Gorman Bros, Interfor, Structurlam, Western Archrib, and Western Forest Products. Wood WORKS! welcomes new Award Sponsors the Western Red Cedar Lumber Association. Silver sponsors this year include Broadleaf Logistics, Tembec, West Fraser and Weyerhaeuser. The Sustainable Forest Initiative is a Bronze Sponsor for the 2008 event.

[Annual Wood WORKS!
Awards Gala – Vancouver
February 25th](#)

[Wood Solutions Fair –
Vancouver](#)

[February 26th](#)

Potential Wood Projects Pursued by Wood WORKS!

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

[British Columbia:](#)

[Vancouver Trade and Convention
Centre](#)

[Mission Aquatic Center, Kelowna](#)

[South Okanagan Entertainment
Center, Penticton](#)

[2010 Olympic Venues:](#)

Tickets for the evening event are available from event coordinator Lorna Malone at 1-877-929-9663 ext 4.

- **Wood Solutions Fair
Vancouver February 26th**

The annual Vancouver Wood Solutions Fair will be held on Tuesday, February 26 at the Vancouver Trade and Convention Centre- Level 2. Organizers anticipate that this year's program with a wide variety of presentations will draw a large number of attendees. For those looking for design inspiration the choices include the innovative use of wood in New Zealand, the adaptation of Japanese buildings to western structural standards, the European energy efficient "Passive House", or creating and nurturing a sustainable environments with wood. The ever-popular presentation on timber frame construction and exterior architectural coating & finishes for wood will have a 2008 update. New design and construction presentation will cover topics including designing for deconstruction, CAD solutions for wood design, the sustainable use of wood in mid-rise construction and a review of lateral design for wood buildings: design principles and loads.

Exhibitor space has been increased this year to accommodate both exhibitors and guests. Registration for exhibitors is now available online at www.woodsolutionsfair.com.

- **Wood is going up on the Vancouver Convention Centre Expansion Project**

"Stop the presses!!!! Wood has arrived at the VCCEP (Vancouver Convention Center Expansion Project) This multi-million dollar mega project is slated to have a significant "Architectural Wood Signature" in two major ways. The entire ceiling of the complex, some 5 1/2 acres will be adorned with 3"X6" glued laminated slats spaced at 18" on center including the exterior soffits. The mockup of what they will look like is now visible from the street. The second major "Architectural Wood Signature" will be the interior walls which will not only be made of wood but will feature all the wood species found in our great forests of BC."

- **Technical Workshops includes Rona staff in January**

Wood *WORKS!* BC completed three in-house workshops on sustainability and the environmental attributes of wood products. The Rona store in Squamish requested two presentations for their staff. The sessions were delivered by Peter Moonen, Sustainability and Special Projects, and Sukh Johal, WW Technical advisor. WW BC is hoping to deliver more in-house sessions to Rona and other building supply outlets.

Sukh and Peter also presented at CJP architects in New Westminster. There was a very keen interest in the environmental aspects of wood, especially from an embodied energy and Life Cycle Analysis (LCA) perspective.

[Olympic Speed Skating Oval,
Richmond, BC](#)

[Whistler Sliding Center, Whistler](#)

[Alberta:](#)

[YMCA, Downtown Edmonton,
AB](#)

[Community Hall, La Crete, AB](#)

[Evergreen Park Conference
Pavilion, Grande Prairie, AB](#)

[Ontario:](#)

[Kitchener Library](#)

[Aylmer Fire Hall](#)

[Quebec:](#)

[Tim Horton's](#)

Alberta

- **"Blue Stain" Brochure**

A Brochure on "Blue Stain" wood has been created for distribution to retail lumber stores in Alberta MPB Consumer Notice

- **Architectural Mission to Taiwan**

We have established tentative plans with Alberta government and the Canadian Trade Office in Taipei for a Mission of Alberta (Canadian) Architects to visit Taiwan in Spring 2008 toward facilitating collaboration on key building projects; Taipei Arena, National Palace Museum, Taipei Financial Centre, Opera House...and several other projects related to the

2009 World Games. **Background:** While concrete has dominated non-residential design in Taiwan for centuries recent changes to their building codes now open the door to considerable wood construction and green design. The Architectural industry is very motivated to demonstrate and accomplish new wood designs utilizing skilled firms willing to partner in Taiwan projects. For more information and to convey your interest, please e-mail: kglover@wood-works.ca

- **Fire Safety in Wood-Frame Buildings Seminar**
Calgary, February, 25th and Edmonton, February 26th
For more information on these seminars please contact Dalibor Houdek at (780) 413-9031.

[Stade de soccer à Québec Quebec City Soccer Stadium](#)

[Centre sportif Gatineau/ Gatineau Sports centre](#)

Ontario

- **Presentation to OAA Mentoring Project**
Toronto, January 10th
Wood *WORKS!* and CWC's Education Manager delivered presentations promoting the use of wood, including technical information, to 25 Architects in the Ontario Association of Architects mentorship program who are looking to start a practice in Ontario.
- **Technical Advisory Committee Meetings**
Vancouver, January 21th -24th
Participated in FP Innovations Forintek TAC meetings on durability and sustainability in addition to National Wood *WORKS!* strategic planning.
- **Presentation to Mohawk College**
Hamilton, January 28th
Wood *WORKS!* presentation to second year civil technology students.
- **Presentation to OTWFA**
Mississauga, January 31st
Wood *WORKS!* presentation to the general assembly (board and members) at the Ontario Wood Truss Fabricators Association at their AGM. Welcome and thank you to our newest Provincial Partner.
- **2008 Wood *WORKS!* Awards Calendar Still Available**
Mississauga, January 31st
For your complimentary copy of the new Wood *WORKS!* Award Winners Calendar (for 2008), please forward your request to Tim Buhler at: tbuhler@wood-works.ca
- **Upcoming**
Construction Specifications Canada: No Frills Trade Show – Toronto February 4th
Presentation to Fleming College – Lindsey, Feb 12th
Wood *WORKS!* presentation to the current silviculture class.
Topics include information about the forest products industry, *Wood WORKS!* and the CWC, and the Student Wood Product Design Competition.
FCM Sustainable Communities Conference and Trade Show – Ottawa, February 14th -15th
Federation of Canadian Municipalities
Ontario Forest Industries Association AGM – Toronto, March 5th
Angus Glen Community Centre Case Study
Look for this new case study covering the topic of wood use in

Wood Links

[Become a Wood Champion - Wood Champions Network!](#)

[Wood \(IN\)Site, the electronic newsletter for builders, architects and engineers.](#)

a pool environment to be published early this spring.

Microtel Case Study

Look for this new case study of a 3-storey, 64-unit hotel to be published early this spring. Information on fire ratings, sound transmission, and the construction time benefits of using wall panels and wood frame construction will be covered in this study.

Québec

- **The Montréal Wood Solutions Fair**

On September 27, the Montréal Wood Solutions Fair at the Palais de Congrès hosted some 600 construction industry professionals: architects, civil engineers, structural engineers, building designers, construction technologists, specifiers, contractors, government and municipal officials, clients, subdividers, students and professors.

The menu included some fifteen seminars presented by experts from the wood industry in Quebec, Canada and elsewhere in the world, as well as an exhibit room featuring some thirty exhibitors and industry experts. Notable seminar topics covered architecture, engineering, codes, design tools and the environment. In attendance this year were: Michael Flach, renowned European architect; Sian Roberts, partner in the American firm Miller|Hull, which won the American Institute of Architects' (AIA) Architecture Firm Award in 2003; and Patrick Moore, well-known ecologist and founder of Greenspirit Enterprises.

Salon Solutions en Bois de Montréal

Le Salon Solutions en Bois de Montréal a accueilli le 27 septembre dernier au Palais des congrès quelque 600 professionnels du secteur de la construction : architecte, ingénieur civil, ingénieur en structures, designer en construction, technologue, spécificateur, entrepreneur, agent gouvernemental ou municipal, donneur d'ouvrage, lotisseur, étudiant et professeur.

Au menu, une quinzaine de conférences présentées par des experts dans le domaine du bois au Québec, au Canada et ailleurs dans le monde et un salon regroupant une trentaine d'exposants avec des experts de l'industrie. Les sujets de conférences ont couvert notamment l'architecture, l'ingénierie, les codes, les outils de design et l'environnement. Étaient présents cette année : Michael Flach, ingénieur de renom en Europe, Sian Roberts, partenaire de la firme américaine Miller|Hull, récipiendaire du prix « firme d'architecture 2003 » de l'American Institute of Architects (AIA), et Patrick Moore, écologiste bien connu, fondateur de Greenspirit Enterprises.

- **New members of the team**

Christian Dagenais, Eng., joined our ranks in mid-October. His duties include providing support to engineering firms involved in projects using wood, and developing and making available to them tools to facilitate the construction of non-residential buildings in wood.

Christian Dagenais received a Bachelor's degree in Civil Engineering from Université Laval in 1999, and is currently completing his Master's in Wood Sciences. He has eight years of experience in engineered wood structures, and his former employers include International Beams, Nordic Engineered Wood, Freneco and Boise Cascade All Joists.

In addition, Chantal Lafrance has been hired as Administrative Assistant.

De nouveaux membres dans l'équipe

Christian Dagenais, ing., a joint les rangs de l'équipe à la mi-octobre. Il a pour tâches d'appuyer les firmes d'ingénieurs dans la réalisation de projets en bois, de développer et de mettre à leur disposition des outils facilitant la construction de bâtiments non résidentiels en bois.

Christian Dagenais possède un baccalauréat en génie civil de l'Université Laval obtenu en 1999 et est en voie de compléter sa maîtrise en sciences du bois. Il possède huit années d'expérience en structure de bois d'ingénierie et a travaillé entre autres pour International Beams, Bois d'ingénierie Nordic, Freneco et Boise Cascade All Joists.

Par ailleurs, Chantal Lafrance a été recrutée à titre d'adjointe administrative.

- **Value chain study**

The study of the value chain that was conferred on the FOR@C research consortium at Université Laval is ongoing. A number of meetings have taken place in order to document three cases with steel. The purpose of the study is to analyze the entire procurement and distribution chain for wood and steel in order to identify strengths and weaknesses in the wood industry.

Étude sur la chaîne de valeur

L'étude sur la chaîne de valeur confiée au consortium de recherche FOR@C de l'Université Laval progresse. Plusieurs rencontres ont eu lieu afin de documenter trois cas en acier. L'objectif de l'étude est d'analyser toute la chaîne d'approvisionnement et de distribution du bois et de l'acier pour identifier les forces et les faiblesses dans l'industrie du bois.

- **Non-residential exhibits**

Taking advantage of numerous fall conferences and fairs, on October 26, Christian Dagenais participated in the annual general meeting of the Association forestière du Saguenay-Lac-Saint-Jean, whose theme this year was "Forests and Wood: Value for a Region" in order to promote wood construction in the non-residential sector.

Christian Dagenais also attended the Contech Fair in Québec City on November 1, while Patrice Tardif was on hand for the Montréal version on November 27. Contech is the only Quebec fair intended for building professionals.

Patrice Tardif staffed an exhibit at the 2008 Spring Fair organized by Rona on November 9, 10 and 11 in Montréal. This is an annual event at which Rona presents to its affiliated merchants and the corporate managers of its 673 stores the new products and services that will be offered throughout its network beginning in the spring of 2008.

Le non résidentiel s'expose

Profitant des nombreux congrès et salons automnaux, Christian Dagenais a participé, le 26 octobre dernier, au congrès annuel de l'Association forestière du Saguenay-Lac-Saint-Jean tenu sous le thème « Forêts et bois : valeurs d'une région » pour faire la promotion de la construction en bois dans le secteur non résidentiel.

Christian Dagenais a également participé au salon Contech de Québec le 1er novembre alors que Patrice Tardif était présente à celui de Montréal le 27 novembre. Contech est la seule exposition québécoise destinée aux professionnels du bâtiment.

Patrice Tardif a tenu un stand au Salon du printemps 2008 organisé par Rona les 9, 10 et 11 novembre dernier à Montréal. Ce salon est un événement annuel où Rona présente, à ses marchands affiliés et à ses gestionnaires corporatifs de ses 673 magasins, les nouveaux produits et services qui seront offerts à compter du printemps 2008 à travers son réseau.

- **Strategic communications plan**

Design of a strategic communications plan aimed at developing the non-residential construction market for wood in Quebec has been entrusted to Octane architecture stratégique et communication. A preliminary version of the plan was submitted in mid-November. It outlines a communications direction and messages and content, as well as the media, tools and activities that should be promoted.

Plan de communication stratégique

Le développement d'un plan stratégique de communication visant le développement du marché de la construction non résidentielle pour le bois au Québec a été confié à la firme Octane architecture stratégique et communication. Une version préliminaire du plan qui a été déposée à la mi-novembre et précise un axe de communication, des messages et des contenus ainsi que les véhicules, les outils et les activités à privilégier.

- **Towards a pro-wood policy in Quebec**

Louis Poliquin, Project Director, recently held discussions with a representative of the Ministère des Ressources naturelles et de la Faune (MRNF) with regard to the possibility of the Government of Quebec adopting a policy to promote the use of wood in its public buildings. Furthermore, the MRNF has approved funding of \$600,000 over two years for the development of the wood market in the non-residential construction industry.

Vers une politique québécoise favorable au bois

Louis Poliquin, directeur du projet, a discuté récemment avec un représentant du ministère des Ressources naturelles et de la Faune (MRNF) sur la possibilité que le gouvernement du Québec adopte une politique favorable à l'utilisation du bois dans ses édifices publics. Par ailleurs, le MRNF a approuvé un financement de 600 000 \$ sur deux ans pour le développement du marché de la construction en bois dans le secteur non résidentiel.

- **On the North Shore**

Louis Poliquin made a presentation on non-residential construction at a symposium organized by the Carrefour de la recherche et du développement forestier de la Côte-Nord in Baie-Comeau on November 28. In particular, he provided a profile of the market, discussed opportunities, and addressed the strategic development plan.

Sur la Côte-Nord

Louis Poliquin a fait une présentation sur la construction non résidentielle à un colloque organisé par le Carrefour de la recherche et du développement forestier de la Côte-Nord à Baie-Comeau le 28 novembre dernier. Il a entre autres dressé un portrait du marché, discuté des opportunités et abordé le plan stratégique de développement.

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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