



Wood WORKS! E-Bulletin



cecobois
Centre d'expertise
sur la construction
commerciale en bois



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

[Click here to view an archive of the Wood WORKS! E-bulletin](#)

National Wood WORKS!

New E-Bulletin Template

As you can see the Wood WORKS! newsletter has a new and exciting look! We are excited to present our new E-Bulletin and hope that you find its new features and links informative. Questions concerning our new E-Bulletin can be directed to Jennifer Duthie jduthie@cw.ca.

Nouveau gabarit du bulletin électronique

Comme vous pouvez le voir le bulletin Branché sur le BOIS! s'est doté d'un look nouveau et emballant! Nous sommes fiers de présenter notre nouveau bulletin électronique et espérons que vous trouverez ses articles et ses liens informatifs. Vos questions concernant notre nouveau bulletin électronique peuvent être adressées à Jennifer Duthie jduthie@cw.ca.

Case Studies

New Wood WORKS! Case Studies, as well as archived case studies and information resources may be downloaded from our website. Please click here for a direct link to these documents on the web. Hardcopy versions of these documents are also available, please direct inquiries to: Jennifer Duthie jduthie@cw.ca to obtain hardcopies.

Études de cas

Les nouvelles études de cas Branché sur le BOIS!, ainsi que les études de cas archivées et les ressources d'information peuvent être téléchargées de notre site Web. Veuillez cliquer ici pour avoir un lien direct à ces documents sur le Web. Les versions imprimées de ces documents sont également disponibles, veuillez vous adresser à Jennifer Duthie jduthie@cw.ca pour en obtenir des copies.

Wood WORKS! on the World Wide Web!

Make sure to visit Wood WORKS! on the web! Go to: www.wood-works.org to access information about our program, projects we are following, technical services we offer, information resource documents, upcoming events, and so much more!

Branché sur le BOIS! sur le World Wide Web!

Assurez vous de visiter Branché sur le BOIS! sur le Web! Rendez vous à www.wood-works.org pour accéder à

Featured Wood Champion

National Partners:



Natural Resources Canada / Ressources naturelles Canada

Natural Resources Canada
www.nrcan-rncan.gc.ca



Forintek/FPInnovations
www.fpinnovations.ca



StructureCraft

Structurecraft
www.structurecraft.com



Structurlam
www.structurlam.com

l'information au sujet de notre programme, les projets que nous entreprenons, les services techniques que nous offrons, les documents de ressources d'information, les événements à venir et bien plus encore!

Wood WORKS! and Sustainability

Peter Moonen, the Wood WORKS! Sustainability Specialist has given several presentations nationally, including, but not limited to: the Maritime Lumber Bureau's AGM, American Institute of Architects meetings in Chicago and the Canadian Green Building Council summit. Our focus on sustainability messaging and education ensures that design professionals and the architectural community are knowledgeable about wood's sustainable attributes and renewability.

Branché sur le BOIS! et la durabilité environnementale

Peter Moonen, le spécialiste de la durabilité environnementale Branché sur le BOIS! a fait plusieurs présentations à l'échelle nationale, y compris mais de façon non limitative à l'AGA du Maritime Lumber Bureau, à des réunions de l'American Institute of Architects à Chicago et au sommet du Conseil du bâtiment durable du Canada. Notre point de mire sur le message et l'éducation fait en sorte que les professionnels de la conception et le milieu de l'architecture sont au courant des attributs de durabilité et de renouvelabilité environnementales du bois.

Cross Laminated Timber (CLT)

The Wood WORKS! team involved in the Cross Laminated Timber file are taking a proactive role in advocating the use of the product across Canada. Wood WORKS! is also looking at ways to coordinate industry efforts on this file.

Panneaux massifs [Cross Laminated Timber (CLT)]

L'équipe de Branché sur le BOIS! travaillant dans le dossier des panneaux massifs jouent un rôle proactif dans la promotion de l'utilisation de produit d'un bout à l'autre du Canada. Branché sur le BOIS! cherche aussi des façons de coordonner les efforts de l'industrie dans ce dossier.

Federation of Canadian Municipalities Conference, Whistler (June 5-8)

Wood WORKS! representatives from BC, AB, ON and National participated at the annual convention of the FCM as an exhibitor. Key roles included networking with decision makers on the municipal level and influencing them to use wood in their public buildings.

Congrès de la Fédération canadienne des municipalités, Whistler (du 5 au 8 juin)

Les représentants de Branché sur le BOIS! de la Colombie-Britannique, de l'Alberta, de l'Ontario et à l'échelle nationale ont participé au congrès annuel de FCM à titre d'exposant. Il s'agissait pour eux entre autres de réseauter avec les décideurs au palier municipal et de les influencer dans l'utilisation du bois dans leurs bâtiments publics.

Alberta Wood WORKS!

The Wood WORKS! National Director is exploring new possibilities to manage and oversee the Alberta Wood WORKS! program. Negotiations to finalize a transition strategy are presently taking place with the current service provider RISA.

Branché sur le BOIS! en Alberta

Le directeur national de Branché sur le BOIS! explore de nouvelles possibilités de gérer et surveiller le programme Branché sur le BOIS! en Alberta. Les négociations en vue de finaliser la stratégie de transition sont



Forestry Innovation Investment
www.bcfii.ca



Western Archrib
www.westernarchrib.com



Canadian Wood Council
www.cwc.ca

Feature Stories

[British Columbia Wood WORKS!](#)

[Alberta Wood WORKS!](#)

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[Quebec Cecobois](#)

Upcoming Events

[Click here to view our Calendar of Upcoming Events](#)

Projects We Are Involved In

[British Columbia Wood WORKS!](#)

[Alberta Wood WORKS!](#)

[Ontario Wood WORKS!](#)

[Quebec Cecobois](#)

Wood Links

[Canadian Wood Council](#)

actuellement en cours avec le fournisseur de service actuel RISA.

WoodWorks Software
Planet Friendly Canada
Durable-Wood

British Columbia Wood *WORKS!*

Communications and Education Activities on the Rise

Wood *WORKS!* BC is pleased to announce that Maureen McLaughlin has joined the BC team, as Communications / Education Co-ordinator.

Maureen has an established track record of success and innovation in the field of communications. A former journalist, Maureen worked as a TV news reporter/producer for Global and CTV, and after leaving the broadcast industry she joined a respected public affairs firm in Vancouver. She then worked with the BC Cancer Agency as the Director of Communications before launching her own communications firm. In addition to strategic communication planning, advertising, public relations and news event planning, she was the editor of a major forest industry trade publications for five years.

Maureen will be fulfilling a two-fold role with Wood *WORKS!*. Communication activities include developing and implementing a more comprehensive communications plan for designers and builders, through the use of earned media, news story distribution services, inserts and supplements in trade magazines. She will participate in planning and developing marketing material, tabulate and analyze survey results, and prepare a "report card" for project partners. As well, she will produce quarterly technical bulletins to be distributed to all designers and engineers in British Columbia.

Education activities include developing and implementing a series of highly targeted 'webinars' to be made available on the Wood *WORKS!* website and other internet media. Increased education activities will expand on the guest lecture series delivered to BC colleges and technical schools in 2008-09. Maureen will be involved in developing creative methods of broadcasting technical information via the internet through mediums such as blogs, on-line videos etc.

Maureen can be reached via email at mmclaughlin@wood-works.ca or by telephone at 250-558-0011.

Cross Laminated Timber (CLT) – Background Info and General Update

The introduction of Cross Laminated Timber (CLT) panels to North American will provide architects and engineers with a new and innovative design option and a structural wood building system that is clearly more sustainable than other traditional systems currently in use.

The first, industrial-sized, CLT manufacturing facilities were established in Europe more than 10 years ago.

Today, there are six major companies producing and offering CLT panels systems. They are; Finnforest-Merk (Germany); KLH Massivholz GmbH (Austria); Binder Holz (Austria); Schilliger (Switzerland); Mayr Melnhof (Austria); and Stora Enzo (Austria). The total combined annual output of these firms is approximately 240,000M³; based on approximately 1.6 million M² of pressing capacity at an average thickness of 150 mm.

Cross Laminated Timber panels are fabricated engineered wood products created by finger jointing underutilized lumber, further assembled in loose billets, then face glued in successive perpendicular layers. The cassette of perpendicular strands are pressed in a hydraulic or vacuum press to form an interlocked massive panel which is then sized and shaped with a Computer Numerically Control (CNC) machine to create specific components of a building.

CLT systems vary to some extent between manufacturers depending on the type of glue applied, connection detailing between panels and the type of connectors specified for each system.

CLT panels can be used for walls, floors and roofs; panels can vary from 2.5 inches to 2 feet in thickness; from

4 to 10 feet in width and from 16 to 53 feet in length. Openings within panels are precisely cut with a CNC machine. Connection details are highly accurate and simply bolted together. CLT systems are fully load-bearing, exceptionally stable and can act as structural diaphragms.

Construction erection time is shorter and more dependable than other traditional building systems, and properly detailed, CLT systems have excellent thermal values and fire performance properties.

The types of building designed with CLT systems and their locations in Europe vary widely; structures have ranged from single family to 8-storey apartments, offices buildings, warehouses and factories. Structures have been erected in varying climatic regions and seismic zones.

A new company, KLH America, has been established in Montreal and BinderHolz has shipped panels to New York that have been used in the construction of a single family home on Long Island.

Structurlam has recently returned from Europe where they explored CLT partnerships opportunities with a number of CLT manufacturers.

Other smaller production facilities have made prototype product samples and are examining the potential for small scale projects in conjunction with designers.

NRCan has not yet determined how best to select or proceed with CLT demonstration projects in Canada.

Okanagan College Design Charette

CEI Architecture held a three day design charette for the new Centre of Excellence for Sustainable Building Technologies at the Penticton Campus of Okanagan College on June 24th to the 26th. Bill Billups of Wood *WORKS! BC* was invited to participate with the design team to enhance the design team with regards to the use of wood in its design. With the building being a "Living Building Challenge" taking the project beyond LEED Gold Wood *WORKS! BC*'s role is to insure that wood is not eliminated as a structural wood option due to requirements of the LBC. The first two days consisted of in-depth discussions and workshops of approximately 30 people that involved the full design team as well as the owners (Okanagan College staff and management) as well as many users of the facility (student body and special interest groups). Four site layouts and massing options were compiled for view and feedback at the open house held on Friday afternoon, which was also well attended. Wood *WORKS! BC* is now working hard with the structural engineer Gerry Epp of Fast & Epp and the architect Peter Buchanan from CEI Architecture to compile a shopping list of available FSC certified wood products manufactured here in BC. This work ranges from a look at the future possibilities for CLTs (Cross Laminated Timbers) to traditional dimensional lumber to architectural wood products that might be used in the design. By far the biggest challenge for this project is not the use of wood but other environmental issues such as energy, water and waste. Wood is very much the material of choice for the design team and Wood *WORKS!*

In House Workshops in June

For the month of June 2009, Sukh Johal and Les Josza conducted a "Properties of Wood" In house seminars to the Structural Engineers of Glotman Simpson, this was followed by a second seminar "Sustainability" (Sukh Johal and Peter Moonen) to the Architects of Hughes Condon Marler (Vancouver). During the presentation question and answer period it was revealed that several of the firm's contemplated projects could incorporate some aspect of Wood Design. Follow up meetings were held with very encouraging signs of significant wood use.

On the Midrise file, Sukh indicates that two Midrise buildings designs have been submitted for Building permit (Richmond, North Vancouver).

These said buildings could commence construction as early as this Winter.

Alberta Wood *WORKS!*

Wood *WORKS!* Alberta 2009 Wood Design Awards

Wood *WORKS!* Alberta 2009 Wood Design Awards have been selected. Presentations of the winners will be held in September.

“Celebration of Wood Design”

Join us for a “Celebration of Wood Design” Heritage Park, Gasoline Alley. A brief presentation on achieving sustainable wood design in Alberta. September 17th, 3:30 at the Selkirk Grill, 1900 Heritage Drive SW, Calgary.

Wood Design Tour

Design Tour and Social October 14th Lois Hole Library, Edmonton - Tentative

Workshop

“Structural Design Workshop” was held June 25, in Edmonton. Guest speakers are Grant Newfield from RJC, Robert Malczyk, of Equilibrium Consulting and Don Mah, from NAIT. The session covered Waste Minimization, Structural Practices & Emerging Trends, and the Story on Six Storeys.

New DVD: "Wood in Mid Rise Construction"

For a copy of the DVD on “Wood in Mid Rise Construction”, please contact Rory Koska rkoska@wood-works.ca

Additional Inforamtion

Information for any of the Alberta events can be directed to Juanita Bobbitt jbobbitt@wood-works.ca 780-489-5900.

Ontario Wood *WORKS!*

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.

Presentation to NRCan Canadian Forestry Service, Sault Ste. Marie (June 2)

Presentation to Director General and NRCan staff concerning use of wood in Great Lakes Forestry Centre office renovations (and future building) to increase Canadian wood content.

Presentation to OBOA South-West Chapter, Dorchester (June 5)

30 Building Officials attended this technical session that covered mid-rise buildings and materials as well as code changes and strategies for working within existing codes.

In-Office presentation to Habib Architects, Thunder Bay (June 17)

90 minute presentation on sustainability, EWP and award winning projects to 14 attendees.

Educational Tour, Ottawa (June 18)

A green building tour for 20 federal government staff involved in building, planning and specifications was co-hosted with NRCan. Three award winning wood buildings were visited: Beechwood National Memorial Centre, Rideau Valley Conservation Authority, and Mountain Equipment Co-op. The architect that designed each building was on site to deliver a presentation. The keynote speaker at the luncheon was Silvio Baldassarra of NORR Architects.

Presentation to Public Works Government Services Canada, Gatineau, (June 4)

1 hour joint presentation with Grant Forest Products on sustainability and engineered wood products for 18 attendees.

Presentation to University of Waterloo, Waterloo (July 29)

A one hour technical presentation on mid-rise construction and material use was delivered to 50 engineering students.

Ontario Mid-Rise Committee Meeting, Toronto (June 25)**CaGBC Green Building Summit, Montreal (June 9-11)**

Exhibitor

Royal Architectural Institute of Canada, Montreal (June 17-19)

Exhibitor

Upcoming ...**Association of Municipalities of Ontario, Ottawa (August 16-18)****Toronto Wood Solutions Fair, Toronto (September 30)**

Registration for the Toronto Wood Solutions Fair is now available online. Visit our website at www.woodsolutionsfair.com to download the seminar schedule and to register to attend this free educational event dedicated exclusively to wood and wood products. Exhibitors, please contact Sarah Hicks to reserve your booth space at the trade show (1-866-886-3574 ext. 384).

Quebec Cecobois

About Cecobois

Cecobois is a non-profit organization with a mission to support, promoters, developers and engineering and architectural firms in the use of wood in non-residential buildings.

Au sujet de Cecobois

Le cecobois est un organisme à but non lucratif dont la mission est d'appuyer les promoteurs, les développeurs ainsi que les firmes d'ingénieurs et d'architectes en matière d'utilisation du bois dans les constructions non résidentielles.

Cecobois on the World Wide Web!

Visit the Cecobois website at: <http://www.cecobois.com/>

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Visitez le site Web Cecobois à <http://www.cecobois.com/>

New Video

Wood: A green resource helping out the environment

Mr. Robert Beauregard, ing.f., ing., PhD

Dean of the Faculty of forestry, geography and geomatics at Laval University. For more information visit the following website:

http://www.cecobois.com/index.php?option=com_content&view=article&id=274d&catid=50&Itemid=207

Nouvelle vidéo

Le bois : une ressource verte

à la rescousse de l'environnement

M. Robert Beauregard, ing.f., ing., PhD

Doyen de la faculté de foresterie, de géographie et de géomatique de l'Université Laval. Pour plus d'information visitez le site Web suivant :

http://www.cecobois.com/index.php?option=com_content&view=article&id=274d&catid=50&Itemid=207

New Magazine

Cecobois has launched in March 2009 the magazine Construire en bois.

Published four times a year, Construire en bois will deal with environmental issues, talk about innovation, showcase wood commercial projects and keep us updated on news about the "pro wood" movement.

Nouvelle revue

Cecobois a lancé en mars 2009 le journal Construire en bois.

Publié quatre fois par année, Construire en bois abordera des questions environnementales, parlera d'innovation, présentera des projets commerciaux en bois en plus des actualités du mouvement « probois ».

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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Pour de plus amples renseignements, veuillez visiter notre site Web www.wood-works.org