

Wood WORKS! E-Bulletin Branché sur le bois

26-02-2007
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The newsletter of the Wood WORKS! initiative / Le bulletin de l'initiative Branché sur le bois

National

- **2010 Olympics**

Wood WORKS! continues to work with the Olympic Oval design team in providing technical support as necessary, to ensure wood is being showcased in the building. A total innovative wood roof option will be used for the oval making it one of the largest recreational wood structures in the world. Wood WORKS! is also working closely with the architects and engineers involved with the other 2010 facilities being a Curling Rink and Nordic Center and provides technical advice to the construction team to ensure wood solutions are used on all 2010 structures.

Les Jeux olympiques 2010

Branché sur le bois travaille de près avec l'équipe de design de la patinoire Olympique en fournissant le soutien technique nécessaire pour assurer que le bois occupe une position importante dans les bâtiments Olympiques. Une option en bois complètement innovatrice sera utilisée pour l'oval, ce qui en fera un des plus grands bâtiments récréatifs en bois au monde. Branché sur le BOIS! travaille de très près avec les architectes et les ingénieurs impliqués sur d'autres projets pour 2010, tels l'Aréna de curling et le Centre nordique. De plus, Branché le BOIS! fournit de l'aide technique à l'équipe de construction pour assurer que des solutions en bois soient utilisées dans toutes les structures pour 2010.

- **Wood WORKS! Web Site**

The Wood WORKS! web site has been revamped. OPTS has been tested and the new system has been launched. New information has been added and a new user-friendly site has been developed. If you have any comments and suggestions to improve our web site, please forward them to Jennifer Duthie at: jduthie@cwc.ca

Le site Web de Branché sur le bois!

Le site Web de Branché sur le bois! a été amélioré. L'OPTS a été testé et le nouveau système a été lancé. De nouveaux renseignements a été ajoutée et un nouveau site facile à utiliser a été développé. Si vous avez des commentaires ou suggestions pour améliorer notre site Web, veuillez contacter Jennifer Duthie à : jduthie@cwc.ca

British Columbia

- **Western Canada – Engineering Student Catapult Competition**

Excitement was in the air, but not rain, as nine teams gathered at UBC's Spencer Field in Vancouver on Saturday, February 17th to compete in the first Western Canadian BC Wood WORKS! / Canadian Wood Council Engineering Competition.

Participating teams came from Okanagan College – Kelowna, UBC – Vancouver, University of Alberta – Edmonton and UBC – Okanagan, Kelowna. All of these teams had spent hours of time designing and building a wooden catapult capable of accurately hitting targets at 20, 30 and 50 meters using a cement ball as their projectile. Teams consisting of students and one faculty sponsor had previously submitted reports about their

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

Upcoming Events

[National Association of Home
Builders' - International
Builders' Show](#)

machine's (catapult, trebuchet or crossbow) design for grading to BC Wood *WORKS!* staff.

Competition day started with the teams weighing in their catapults (trebuchets and crossbows) before being judged on an informal 15- minute presentation about their design, building process and testing. In the afternoon the actual timed performance trials took place putting the teams and their machines to the test. Okanagan College was one of the first teams to perform and their outstanding results set the record for the afternoon! The performance trials revealed the unpredictability of such an event and teams whose machines broke or failed during their performance period continued to encourage and help other teams still yet to perform.

The First Place Overall winner was the well-prepared team from Okanagan College, consisting of Clint Monson and Caleb Pomeroy, who dominated the field with 1886 points. Monson and Pomeroy's trebuchet proved that hard work and attention to detail pays off, enabling them to earn First Place Overall (\$1500.00 plus complimentary tickets to the BC Wood *WORKS!* Gala Awards).

Second place overall (\$1000.00) was awarded to UBC's CrossBow Project team who accumulated 1560.5 points. Third place prize (of \$500.00) was awarded to the hard-working team of UBC – Okanagan who totalled 1083.5 points.

At the end of the day, all teams were recognized for their efforts with participation plaques as well as specific awards for Best Presentation (Okanagan College), Team Spirit (UBC- Vikings) and Longest Distance (UBC – Power Ballers, with longest official shot of 77.6 meters, unofficial shot of 84.4 meters).

The goals of the catapult challenge, to create and showcase inventive catapult models that explore and expand upon the potentials of wood design in an amicable setting, were realized at this Competition. The Competition proved to be a great practical challenge for the students and it was inspiring to witness the cooperation and communication between participating schools throughout the event.

- **Wood Awards Gala 2007**

It was a full day of deliberation for the jury of this year's BC Wood Award competition. With sixty-five nominations in eleven categories, it was not an easy task as the jury was presented with many high qualities projects to review. Award winners will be announced at the Awards Gala which is being held on Monday, March 12 at the Four Seasons Hotel in Vancouver. For more information on the evening's program and for ticket sales, please contact event coordinator, Lorna Malone at 1-877-929-9663 ext 4.

- **Vancouver Wood Solutions Fair**

This year's Vancouver Wood Solutions Fair will be held Tuesday, March 13, Level 2, of the Vancouver Convention and Exhibition Centre. For program details and registration visit: www.woodsolutionsfair.com.

Alberta

- **Case Study**

Alberta Pressure Equipment Safety Authority building Case Study is now complete. To obtain copies please contact Ken Glover at: kglover@wood-works.ca

- **Business Plan**

Alberta Wood *WORKS!* completed a 3-Year Business Plan. To obtain copies please contact Ken Glover at: kglover@wood-works.ca

- **Alberta Awards Gala Website**

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:

[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](#)

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

Now up and running! Nomination Forms available on line at:
<http://www.woodworksawards.com/alberta/>

- **2007 Alberta Wood Awards Gala**
Calgary, Alberta April 18th, 2007
- **2007 Calgary Wood Solutions Fair 2007**
Calgary, Alberta April 19th, 2007

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

Ontario

- **International Builders' Show, Orlando Florida**
February 7th – 10th
Wood *WORKS!* had a booth at the National Association of Home Builders', International Builders' Show in Orlando, Florida. The booth had a good amount of traffic and much promotional material was distributed showcasing the benefits and beauty of wood. The show was a big success and drew 104 000 attendees. With so many attendees there were valuable networking opportunities throughout the show and wood works added many new contacts to their database.
- **Timber Connections Workshop**
February 1st
The Timber Connection workshop was held at Ryerson University and was a success. The sold out crowd of 35 + attendees enjoyed instruction from Dr. Pierre Quenneville, a professor and head of the Civil Engineering Department at the Royal Military College in Kingston Ontario. Dr. Quenneville instructed the participants on many facets of wood connectors and their importance and applications. Feedback from attendees was highly favorable, asking for more technical workshops in the future.
- **Technical Advisory Committee Meeting**
On the 31st of January Wood *WORKS!* held its second technical advisory committee meeting. The meeting covered discussion of a new case study this year and analyzing the recent Forintek Market study. The committee will likely meet twice a year and report its finding and issues to the steering committee.
- **Student Engineering Competition, Ottawa**
February 10th
Wood *WORKS!* and Canadian Wood Council co-sponsored a student engineering competition in Ottawa. This competition allowed students to use their engineering skills to construct a catapult or trebuchet. The event was a big success, with over 25 teams in attendance.
- **Forintek Non-Residential Market Study released**
Marianne Berube, Ontario Wood Executive Director, made a presentation at the OFIA AGM Feb.21st, on the key findings of the recent Forintek non-residential market study.
In 2006, Wood *WORKS!* commissioned Forintek to study the Kitchener-Waterloo market. 2005 non-residential building permits were analyzed, to capture and benchmark how much wood content was used in construction. As well, 5 focus groups were conducted with architects, and engineers to gain their perceptions of why/ or why they did not use wood.
The final report was released by Forintek in January. They indicated that currently 19% of buildings in the non-residential sector are built with wood. This market is representative of central Ontario and further indicates that with activities such as the Wood *WORKS!* program, we could increase wood consumption to 4 times the current levels.
For further information, or a copy of the report please contact:
maberube@wood-works.ca

Wood Links

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

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

- **Canadian Home Builders Association AGM**
On February 22nd, Marianne Berube was invited to give the keynote luncheon address, sponsored by the CWC at the CHBA AGM in La Malbaie, Quebec. The presentation- “Exploring Innovation in Wood Construction- 2006 Wood Awards”, highlighted both the national Wood *WORKS!* awards and the Wood Design awards winners.
- **Upcoming: Sustainability Conferences**
North Bay March 8th and Toronto March 9th
March 8th and 9th Wood *WORKS!* will be holding sustainability conferences in North Bay and the Toronto area. Contact Tim Buhler, at tbuhler@wood-works.ca or 705 495 0347 for more information or to register for the seminar.

Québec

- **Conférence technique à Québec**
Le 4 avril 2007
Une conférence technique sur l'ingénierie des petits bâtiments commerciaux en bois se tiendra au Pavillon Gene-H.-Kruger de l'Université Laval le mercredi 4 avril 2007. Cette conférence d'une journée est le fruit d'une collaboration entre Branché sur le bois!, l'Université Laval, Forintek et l'Association québécoise des fabricants de structure de bois (AQFSB). Les participants recevront des unités d'éducation continue de l'Université Laval et l'édition 2005 du Manuel de calcul des charpentes en bois. Les frais d'inscription pour cette conférence sont de 250 \$. Le nombre d'inscriptions est limité. Pour de plus amples renseignements, veuillez contacter Patrice Tardif à: ptardif@videotron.ca.
- **Technical conference to be held in Quebec City**
On April 4th, 2007
A technical conference dealing with the engineering of small commercial structures in wood will be held at Laval University's Gene-H.-Kruger Pavilion on Wednesday the 4th of April. The day-long session is a collaborative effort between *Branché sur le bois!*, Laval University, Forintek and the Quebec Wood Structure Manufacturers Association (AQFSB). Participants will receive Laval University continuing education units and the 2005 edition of the *Wood Design Manual*. Registration costs for the event are 250\$. Places are limited. For more information, please contact Patrice Tardif at: ptardif@videotron.ca .

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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For more information on Wood **WORKS!**, please visit our website www.wood-works.org

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