



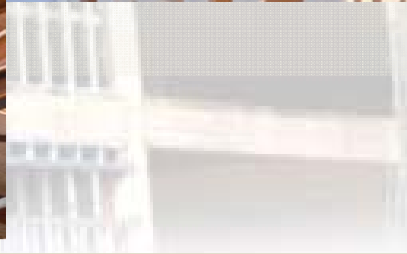
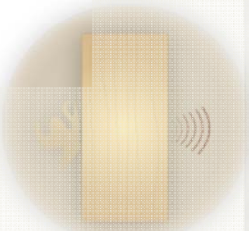
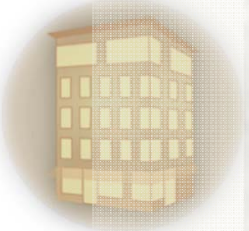
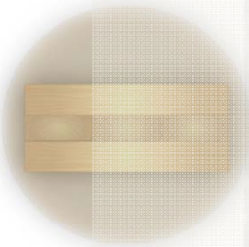
Cross Laminated Timber Industry Focus Day

NEWBuildS
in partnership with
FPIinnovations

Richmond Radisson Hotel
July 19, 2013



NSERC Strategic Network on Innovative Wood Products and Building Systems (NEWBuildS)



www.NEWBuildSCanada.ca



Goal of NEWBuildS

- Established in 2009 by FPInnovations with funding from NSERC
- Goal is to generate technical information in support of industry initiative to increase use of wood in mid-rise and non-residential construction



Network Statistics

- \$5.3 million over 5 years (2010-2015)
- 25 professors from 13 universities
- 37 projects
- 70 graduate students and post-doctoral fellows (PDF)
- Key industrial partner: FPInnovations
- Other non-university partners:
 - National Research Council Canada
 - Canadian Wood Council

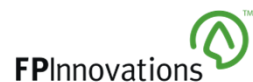




NEWBuildS themes

- T1. CLT – material characterization and structural performance (**11 projects**)
- T2. Hybrid building systems – structural performance (11 projects, **2 CLT**)
- T3. Building systems – fire, acoustic and vibration serviceability (7 projects, **3 CLT**)
- T4. Building systems – sustainability and building envelope (8 projects, **3 CLT**)

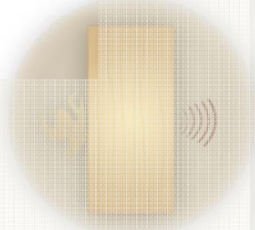
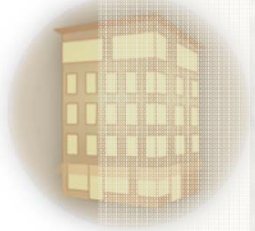
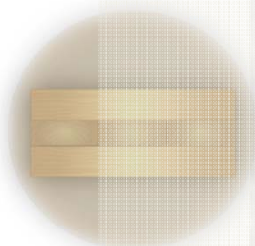
Total CLT related projects : 19



Outreach and dissemination of research results

- Outreach Committee oversees the outreach and result dissemination
- Web site www.NEWBuildCanada.ca
- Industry workshops and meetings:
 - February 2013, Quebec – Building sector (100)
 - May 2013, Cornwall – Annual workshop (70)
 - **July 2013, Vancouver – CLT Focus Day (60)**
- Analysis and design of a tall wood building by graduate students and PDF - funding by BC FII and NSERC





8:30 am	Welcome and Introduction: Dr. Y. H. Chui
8:45 am	CHALLENGES FOR BUILDERS / ARCHITECTS OF CLT PROJECTS Mr. Bill Downing, Structurlam Products Ltd Ms. Jana Foit, Perkins + Will Mr. Franck Faelli, Nordic Engineered Wood
9:30 am	CHALLENGES FOR CLT DESIGNERS – STRUCTURAL Mr. Eric Karsh, Equilibrium Consulting Mr. Grant Newfield, Read Jones Christoffersen Consulting
10:00 am	Break
10:15 am	NEWBUILDS RESEARCH: STRUCTURAL Dr. Frank Lam, Dr. Solomon Tesfamariam, UBC Dr. Ying-Hei Chui, Dr. Meng Gong, UNB
11:20 am	Round Table Discussion (Structural)
12:00 pm	Lunch
1:00 pm	CHALLENGES FOR CLT DESIGNERS – FIRE & BUILDING PHYSICS Mr. Andrew Harmsworth, GHL Consultants Mr. Graham Finch, RDH Building Engineering Ltd
1:30 pm	NEWBUILDS RESEARCH: FIRE & BUILDING PHYSICS Mr. Christian Dagenais, FPInnovations Dr. John Straube, UWaterloo Dr. Murray Hodgson, UBC
2:20 pm	Round Table Discussion (Fire & Building Physics)
3:00 pm	Break
3:15 pm	GROUP DISCUSSION: Current and future challenges for producers and designers, and Research needs
4:00 pm	Wrap-up and Closing

Y. H. Chui

Mohammad
Mohammad

Chris Gaston

Bob Knudson

Chris Gaston

Lynn Embury-Williams



Goals of Today's Event

- To receive feedback on NEWBuildS research projects
- To hear from practitioners, manufacturers and building regulators regarding current and future challenges



Happy if we can achieve our goals!



The Globe and Mail, June 18, 2013

