**Wood Construction**

**CLT’s role in North-American Construction**

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**FPInnovations Survey on Brick & Beam Buildings**

- Up to **9 storeys**, high ceiling (up to 12’ high), **exposed heavy timber**
- Built from 1859 to 1933
- Factories, warehouses and manufacturing
- All across Canada...
  - Toronto - 125 buildings retail & office use (up to 220,000 sf floor space – i.e., 6 storeys @ 37,000 sf)
  - Vancouver – 47 buildings (min) retail, office, restaurant, hotel & apartment
  - Montreal – retail, residential & office use

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**Treasured**

**Durable**

**Flexible**

- Taller and larger than allowed by current building codes

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**FPInnovations Survey on Brick & Beam Buildings**

- Toronto Carpet Factory, largest brick & beam buildings in Canada, 6-storey with ceiling up to 22’. Built around 1900
Wood Building Systems

- Light Frame
- Post & Beam
- CLT
- Hybrid

Paradigm shift in introducing innovative wood building systems

CLT is A great addition to ‘Wood’s Toolbox’

CSN-FONDATION Building, Quebec City
Murray Grove Building, London, UK

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CLT America

Authors and Reviewers

55 North American and International experts

Conceptually, how high can we go with wood?

16-Storey in Italy
20-Storey Austria
UBC-RJC 20-Storey
20-Storey Norway

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As high as trees

Green-Karsh 30 Storey

Timber Tower Germany 328 ft

Redwood 379 ft

A Renaissance in wood construction

Q & A