







## **Program Education Credit Information**

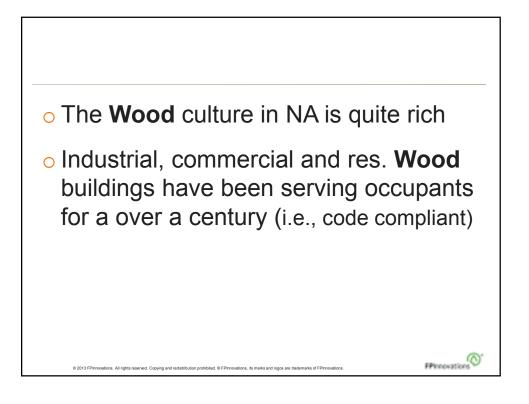
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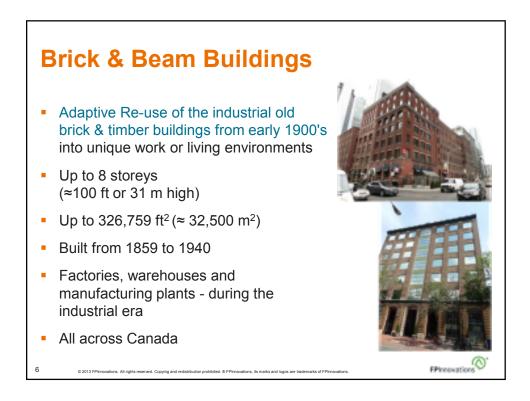
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## **Features of Brick & Beam Buildings**

- high ceiling
- exposed wood structural frames
- exposed metal connectors
- exposed mechanical systems
- central & core location in city

### Today:

- Telecommunication & IT
- Business & Professional Services
- Retail & Offices
- Restaurant & Condominiums





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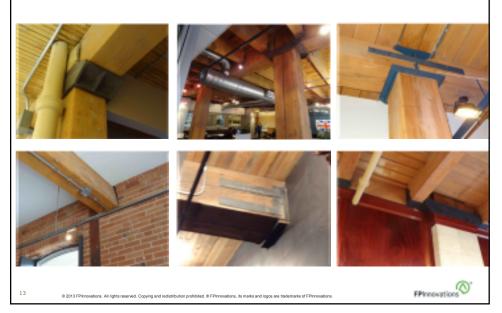








## Typical Interior Posts and Beams



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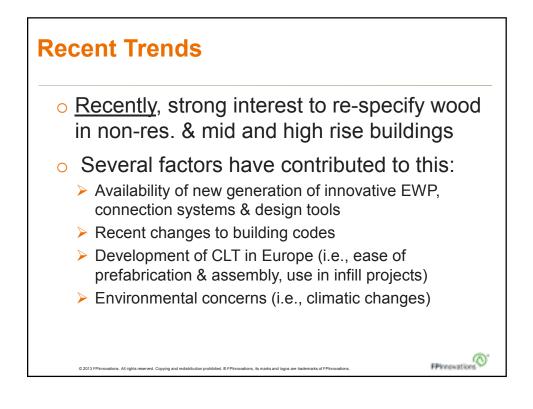




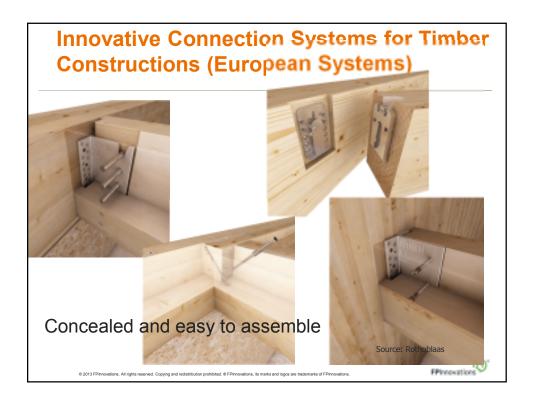






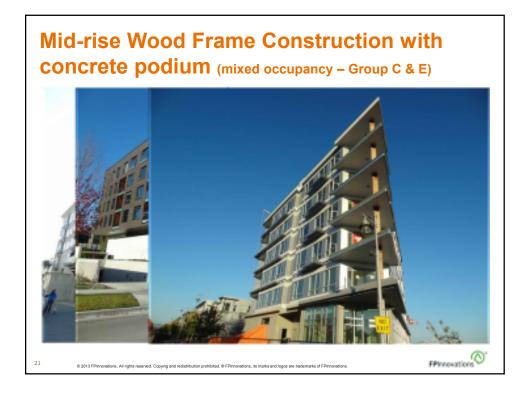








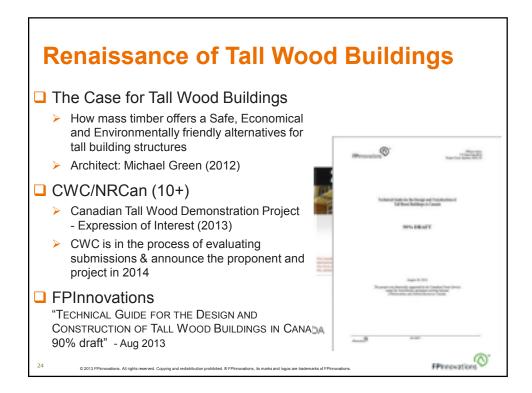




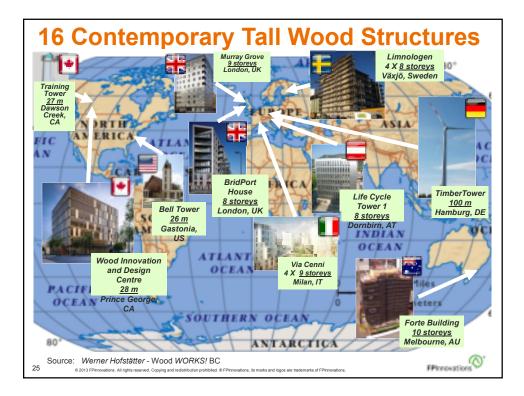
















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## Conclusions

- Historical brick & beam (post & beam) buildings are treasured and loved buildings in Canada – quite inspring.
- Wood buildings are durable and capable of serving its intended use.
- Wood building should be designed based on performance without <u>arbitrary limits placed on height, area and usage</u>.
- Wood buildings can be upgraded for seismic & fire resistance.
- EWP including Mass Timber and Glulam are good alternative to solid timber used in the historical tall buildings.
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