



## Identification of Research Areas to Advance the Adoption of Cross-Laminated Timber in North America

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Summary:

Cross-Laminated Timber (CLT) is emerging as a promising building system that could help revitalize a dwindling forest sector. However, little research has been conducted about CLT, particularly in the marketing realm. Our paper helps bridge this gap. Specifically, we aim to identify research areas that are important to successfully advance CLT as a building material in North America. Our findings, based on a survey of experts, suggest that the level of awareness about CLT among building professionals in general is low. However, architects are considered knowledgeable about the product. Experts consider that the most important barriers to the adoption of CLT are (a) misperceptions held by building industry professionals about wood and CLT, (b) compatibility of building codes with CLT, and (c) the availability of technical information about CLT as a construction system. In terms of most pressing research areas for advancing CLT, experts consider that it is important to shed more light on its seismic and fire performance, and also on proper connectors and fasteners used in CLT-based construction.

Online Access: Free

### Resource Link

<http://biobus.swst.org/index.php/bpbj/article/view/20/7> ↗