

# Wood Building Innovation from New Zealand and Austria

## Opportunities for Architects

Hosted by David Corney, Industry Capability Network  
Westpac HUB, 55 Jack Hinton Drive, Addington (Kilmore Training Room), Christchurch  
Wednesday 14th November 3.30 to 5.30 pm

The Breathe and Peterborough Village urban design competitions put the spotlight on the Christchurch rebuild.

Cross Laminated Timber has transformed wood building in Europe. This development, led by Austria, gives architects great freedom to create natural indoor and outdoor spaces to attract tenants and tourists. Cross laminated timber is now being produced by the Xlam factory in Nelson.

Hollow Timber Poles are a New Zealand innovation and recently won the Timber Design Christchurch Rebuild Innovation award. These poles have proven to be a fast, low impact and cost effective solution for building on soft ground.

Prefabrication reduces on site construction time and can greatly improve the life time quality of buildings. Prefabricated wood building systems are now winning the registered Master Builders House of the Year competitions. Glenroy Housing won the Placemakers Supreme award with a house on a steep south facing site in the Marlborough Sounds.

Wood has come back into fashion and can enhance the value of the inside and outside of buildings. New treatments using acetylation and liquid glass increase the opportunities for using exposed wood. Austrians have a good understanding of the Magnificent Seven properties of solid wood and are able to increase the value of exposed wood much further.

The lifetime value of buildings can be greatly increased by merging landscape and building architecture. People are attracted to a natural environment and both people and buildings are more resilient when the natural landscape is appreciated.

Five speakers will offer opportunities for architects and those interested in increasing the value of the Christchurch rebuild.

**John Reelick** on hollow timber poles. <http://www.unilog.co.nz/product-31-ttt-multipoles--foundations>

**Robin Jack** on cross laminated timber <http://www.xlam.co.nz/>

**Phil Vile** on timber prefabrication <http://www.glenroyhousing.co.nz>

**Michael Cambridge** on inspiration from Austria <http://www.nzwood.co.nz/industry-news/2012/02/14/update-lessons-from-austria-by-michael-cambridge/>

**Di Lucas** on urban landscapes and Peterborough Village <http://www.lucas-associates.co.nz/>

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By Tuesday 13<sup>th</sup> Nov