

# The L41home Prototype at the 2010 Winter Olympics in Vancouver, Canada.

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Vancouver, with its growing population, land-shortage, high housing costs and homelessness, coupled with City Hall's advanced Planning and Social philosophies made it an ideal city in which to demonstrate that "Small is Beautiful" which has become a global cry for less conspicuous consumption.

The L41home used state-of-the-art building systems and construction techniques, including non-toxic, renewable resources materials, photo-voltaics, solar-thermal heating and cooling, LED lighting, zinc cladding, green roofs, radiant, in-ceiling heating, super windows and cross-ventilation.

The frame of the unit was constructed of beetle-killed, Cross-laminated Timber, (CLT) used for 30 years in Europe but relatively new in North America.

The L41home Prototype will forever be known as the first CLT building in North America to be built of locally produced CLT.

The true benefit of CLT is that it is solid wood and can be used as a substitute for concrete in mid-rise buildings. (the British have built 9 stories) When one considers that concrete is responsible for 8% of the world's carbon emissions, the implications become clear.

The L41 was surrounded by Hockey Canada and the Provincial Pavilions and was visited by thousands of enthusiastic people from around the world.