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## LEAN CONSTRUCTION AND LAST PLANNER – Arial, size 14 point font

Amanda Warren <presenting author is underlined>

Amanda Warren 1

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1. Constructing Excellence NZ/ Lean Construction Institute LCI NZ
2. Fletcher Construction/ Lean Construction Institute LCI NZ
  
1. The international tools of Lean Construction (initially developed in the US) were first adopted into the NZ construction sector around 2008. Lean manufacturing has been in use for a number of years prior.
2. Since initial introduction to the principles, a large number of projects in both civil and building sectors have achieved remarkable results, in particular using the tool Last Planner.
3. Projects in delay have been completed early and large quantities of waste has been identified and turned into savings on projects.
4. NZ seems to have an ideal culture to enable the adoption of the principles of Lean.
5. What are the principles and why is NZ so successful at implementing them?
6. Case studies of the most outstanding results including the Well-Connected Alliance team at Waterview demonstrating hundreds of thousands of dollars savings within weeks of launching their lean programme including 'blue cards' and a process they designed called STOP, (Stand-down To Optimise Performance).
7. In 2013, NZ established a branch of the global Lean Construction Institute, a partnership of industry and academic institutions.

<http://www.constructing.co.nz/files/file/36/PP09%20Dowse%20to%20Petone.pdf> > - This section to be Arial font, size 10 point font

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