









What can prefabrication do for you?



Where we have come from

Why we had to change









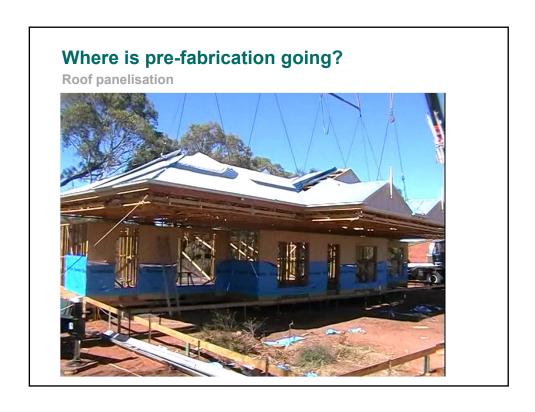




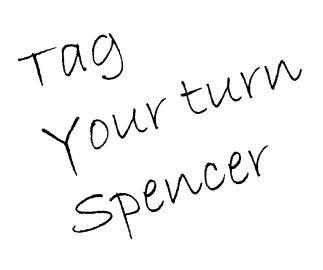














Where is pre-fabrication going?



Residential construction House & Residential



Commercial construction Office & Mezzanine



Industrial construction Factory & Warehouse



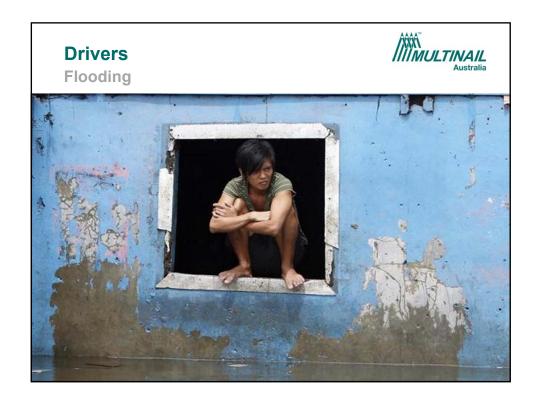
Opportunities

Prefabrication facilitates

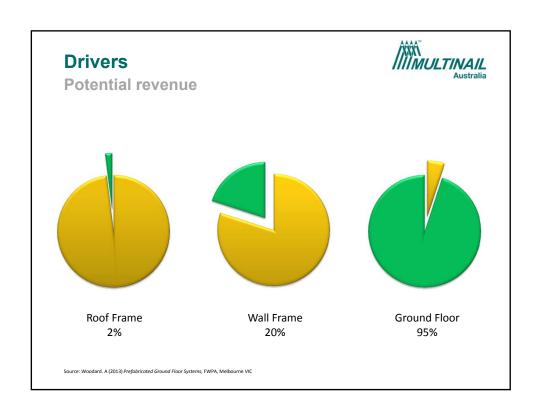


- Greener construction using more renewable resources by using more timber in more locations
- Cost effective building practices
- · Economic construction
- · Control over structural properties
- Ease of integration into existing building products



















Issues and hurdles



"Builders have concerns with traditional ...systems... because of:

- Multiple trades and contracts
- Longer construction periods"



Issues and hurdles



"For the volume builders "COST" is a major factor... not necessarily though for everyone"

Dr A. Woodard



Issues and hurdles



"Timber Industry has to match what the concrete sector offers...

Supply & Install"



Too much waffle



"Currently some real issues for waffle pods... attitudes are changing"

Dr A. Woodard



Solutions



"One contract, to deliver a working platform, on a site on a specific date, for a specific cost"







Some benefits of prefabricated systems

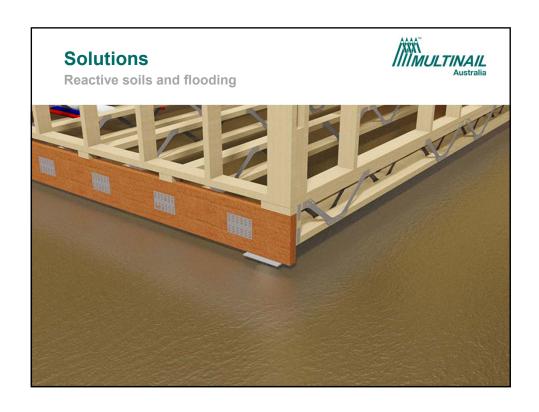


- Guaranteed quality ...in a controlled factory environment,
- Flexibility in design and optimization of materials,
- Reduced material waste and zero on-site waste,
- Speed of on-site construction...no waiting for slab curing, typically 5-7 days,
- Simplified plumbing...now ...a `parallel' ...rather than...a series' process',
- Extension of concept to indoor-outdoor living...
- Opportunities...value-add...
 - pre-ink-jetting wall frame positions,
 - pre-cutting holes for plumbers,
 - pre-installing plumbing pipes, fittings for shower bases"











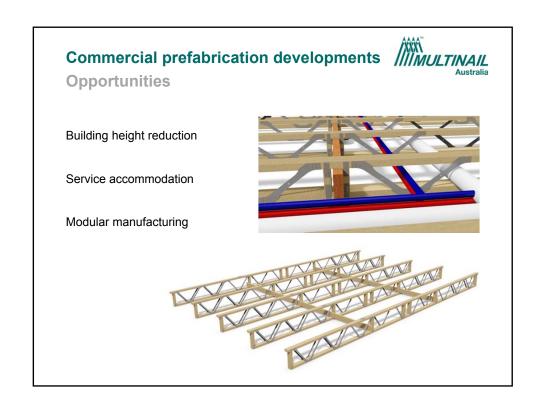


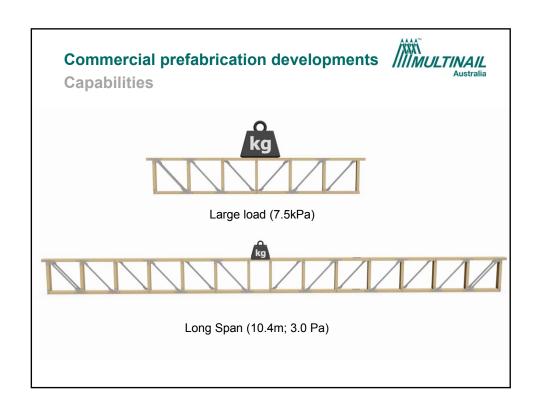




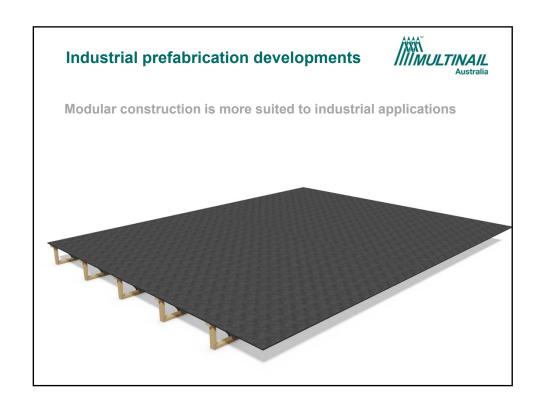


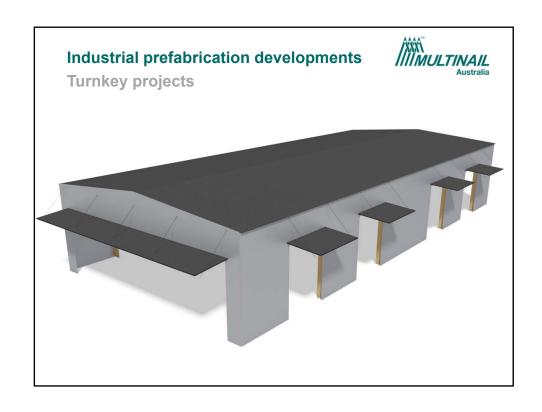


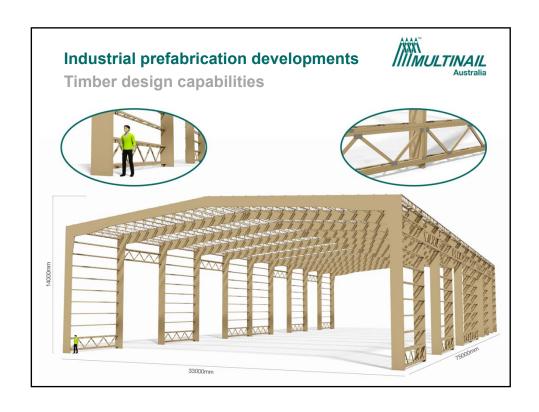








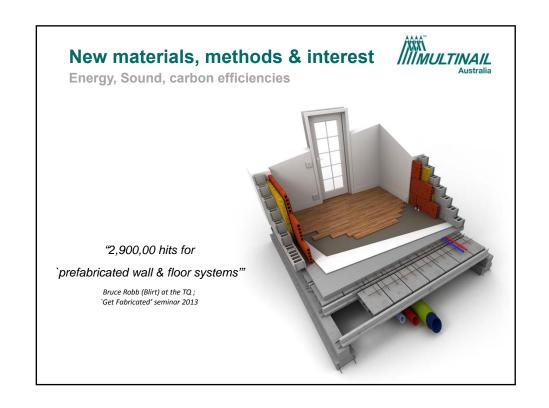








The writing is on the wall... Lightweight cladding preference ...in Australia... 40% are over the age of forty, around 8,000 are expected to leave the trade in the next ten years, only 50% of those vacancies will be replaced by the current number of apprentices completing their training. Australian Brick & Block-laying Foundation Ltd as relayed by Bruce Robb (Blirt) at the TQ; Get Fabricated' seminar 2013





Tag Back to Bou Phill You Phill

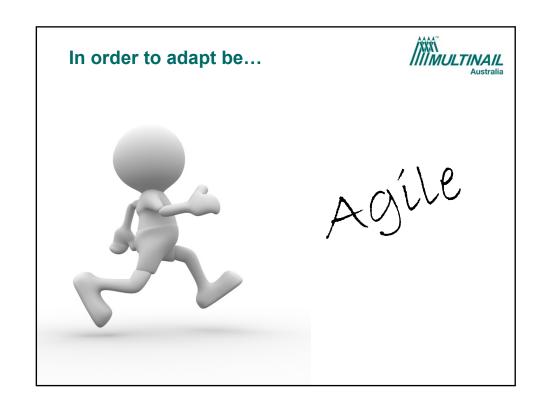














MULTINAIL What can Multinail do for you? Assist you from concept to reality, Offer specific engineering solutions for light weight timber construction, **Ensuring BCA** compliance with all MN engineered products Assist with estimating and tendering processes, Cassette and modular construction to reduce development life cycles.



