Warren McGregor is the CEO of PrefabAUS. He spoke to William Poole.

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Delivering next generation buildings





Prefabrication and offsite construction are making advances into the construction industry in a variety of ways, yet by almost all accounts, funding for these projects is extremely difficult to obtain, and many say it is impossible.

I'll outline five reasons contributing to the difficulties being experienced, but before doing so, I should acknowledge that this view of the difficulty in obtaining funding for offsite construction is not founded on hard evidence. Instead, it arises from conversations with offsite manufacturers, enquiries to PrefabAUS, and discussions at industry conferences.





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THE Real Estate Conversation



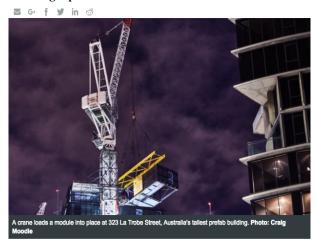
Australia's tallest prefab tower tops out

Nicholas Rider

COMMUNICATIONS COLLECTIVE

FINANCIAL REVIEW

Chinese group have Australia's tallest prefabricated tower reaching top level





Australia's tallest prefabricated building has topped out at an impressive 44 levels, with the 323 La Trobe Street apartment tower rising 133 metres above the Melbourne city centre.

Developed by Chinese group Longriver, the main structure for the \$95 million high-rise was completed in eight months, twice as fast as a traditional build, leaving only the interior fit-out

works to be completed.

It features modular bathroom pods, precast concrete slabs and pre-attached windows manufactured by off-site pioneers, the Hickory Group, in its Melbourne factory.

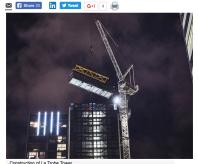
"The floors we are standing on were manufactured 16 kilometres away in our Brooklyn factory. We attached the facades, put them on the back of a truck and delivered them here," said Hickory managing director Michael Argyrou at the topping-out ceremony.





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Australia's tallest prefab tower tops out at double speed



Willow Aliento | 24 August 2016

Hickory Group's new method of high-rise prefab construction has seen Australia's tallest prefabricated building rise two floors a week – double the industry benchmark – to top out eight months earlier than if regular construction methods were employed.





PrefabAUS 2016 Conference To Reveal Opportunities, Challenges And Projected Future For Offsite Construction

fi 5th August 2016 | Category: Australia, Construction, News, Sponsored Article | Staff Write







Melbourne Home To Australia's Tallest Prefabricated Building

24th August 2016 | Category: Architecture, Companies, Construction, News, Residential, VIC | Staff Writer





Coverage



International Exhibition And Presentation To Feature At PrefabAUS Conference

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Researching Best Practice To Deliver Next Generation Buildings



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FINANCIAL REVIEW

Big projects put spotlight on prefab construction







by Larry Schlesinger

Projects by Lendlease, Hickory Group and Aveo has helped propel Australia's off-site construction sector into the spotlight, ahead of its third annual national conference in Sydney.

"In the last 12 months there's been a real gathering of momentum, with more adoption of construction automation technologies, and some breakthrough projects," said Warren McGregor, chief

executive of PrefabAUS, the peak industry body.



prefabAus 2016 photos and hint of what's to come



Speaker, Tamara DiMattina, who bills herself as "chief everything officer:

14 October 2016

The mood from the speakers and delegates at the prefabAUS event in Sydney this week was strong, as you'd expect from a national conference celebrating pretty much the first serious revolution in construction, pretty much since lifts arrived on the scene and enabled high rise.

The Fifth Estate dipped in to parts of the three day event hosted by the University of Sydney Department of Architecture, Planning and Design at the Seymour Centre, just across the park from our Glebe offices. But while the content on the floor was engaging, with expectations that the industry could jump from 3 per cent of construction now to 10 per cent by 20/0 and other upbeat sentiment, just as interesting were the background briefings, that hinted at big commercial contracts about to be signed and large developers tapping the upmarket housing product. We covered some of the industry participants, established and new, earlier this week, (See perfabbles conference shows industry on an Ini). Also on the scene were the Caroline Pidcock of Architects, an sustainability leader in design and a Living Building Institute director, Ken McBryde, a principal at HASSELL and Damien Crough. Is founding director of prefabbles.

We were also alerted to an interesting piece of research that had been quietly sitting on the Forest and Wood Products website, largely unpublicised. We've covered Overcoming Psychological Barriers to Widespread Acceptance of Mass Timber Construction in Australia, by Dr Paul Kremer and Dr Mark Symmons, in this article, How to convince people massive timber, is not a massiver sisk

The presence of Tamara DiMattina on the speakers list, with her Buy Nothing New and The New Joneses concepts, both of which have had huge publicity, will certainly add to the magnet of interest around this sector.



Speaker, Tamara DiMattina, who bills herself as "chief everythin



The Ever-changing World of Offsite Construction •



We will all have our own view as to what we think prefabrication and offsite construction is, and whatever your view is, I suggest that it is unlikely to be wrong.

However, I am equally confident in saving that it is increasingly likely to be incomplete or outdated. And that's a good thing, because new elements are being added to the spectrum of offsite construction all the time.

Factory built complete homes, fully fitted apartment and hotel modules captured a lot of the attention early on. And rightly so, as they represented a dramatically different way of achieving the desired built form outcome, with reduced systems form (MLLLA) and even a modular bridge system form (Lifting Point) are now all part of the mix.

Engineered timber products like Glulam, LVL, and cross laminated timber (CLT) provide exciting new design opportunities, as do the recent changes to the national construction code which now allows timber structures up to 25 metres (eight storyes). XLam has announced that next year it will open Australia's first CLT manufacturing plant in Wodonga Victoria (for clarity, the Lend Lease Design Make factory in Sydney transforms imported CLT blanks into precision cut elements for rapid installation at site.)

Bathroom pods - bathroom modules complete with all wiring and plumbing, fixtures and fittings, tilings, glass screens, towel rails, and so on - are being adopted for more residential and student housing projects. They are delivered to site ready to be placed in location and connected of to the building services.

updates shop

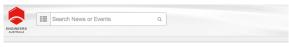
Designing Affordability presentation



An international exhibition and presentation on challenges and opportunities in solving housing affordability will be presented at this year's annual prefabAUS 2016 Conference, at University of Sydney's Department of Architecture, Planning and Design

Professor Marc Norman from the Harvard University Graduate School of Design is Director of UPSTATE, a Centre for Design Research and Real Estate at Syracuse University School of Architecture

An affordable housing advocate, he supports mechanisms that reduce the cost of housing and has dedicated his career to finding remedies to inequality.



Analysing the benefits of off-site construction

Thursday, 18 August 2016



But while the benefits of the construction method, such as reducing construction times, providing more consistent builds, and Rvan Smith is looking to change that





Prefab conference explores the future of the built environment in Sydney





The annual conference of Australia's prefabrication and offsite construction industry, PrefabAUS 2016 opens in Sydney on Monday 10 October.

Over a period of three days from 10 October till 12 October, the 2016 conference will explore the theme of Delivering Next Generation Buildings through a packed program featuring a host of confirmed speakers as well as technology workshops, technical discussions and site visits.