



## PrefabNZ CoLab 2018 - Final Programme

Brought to you by XLam, Carter Holt Harvey WoodProducts + PrefabNZ Partners

7 – 9 March 2018, Auckland [www.prefabnz.com/Events/CoLab2018/](http://www.prefabnz.com/Events/CoLab2018/)

Wed 7 March (9.00am – 5.00pm) CoLab Site Visit Day @ AUT pick-up (+ VIP Drinks @ WandM)

Thur 8 March (7.45am – 7.30pm) CoLab Conference Day @ AUT + evening soiree

Fri 9 March (8.30am – 1.00pm) PrefabNZ Member-only workshops @ pro clima HUB, new Members welcome

### About CoLab:

- CoLab is the fun, interactive and thought-provoking event that places you at the heart of innovative prefab + offsite construction.
- CoLab 2018 will focus on how NZ's offsite industry can meet the KiwiBuild objectives and continue the drive to achieve more (design) for more (people) for less (time and money). The 'HOW' and the 'Getting it Right' of innovative construction, which will be of interest to a wide range of design and construction industry folk.
- It will be an exemplary three days of global + local leaders who put their heart and soul into transforming the construction industry. In true PrefabNZ style, it's about collaboration and mixing-it-up to forge new business friendships and connections for better building design and construction.
- CoLab participants (approx. 250) consist of specifiers (architects, designers, engineers), producers (manufacturers, contractors, builders) and building professionals (developers, building officials, research etc)
- The conference is taking place in Auckland to maximise the opportunity of being at the heart of better built environment growth

### CoLab details:

- Wednesday 7 March = Site visits by bus leaving 9.00am @ AUT or airport (incl. lunch-box)
- Thursday 8 March = Full day of conference at AUT (inc. morning tea, lunch and afternoon tea) followed by soiree, Ground Floor conference centre, Sir Paul Reeves Building, AUT, Governor Fitzroy Place, Auckland CBD
- Friday 9 March = Members' workshops @ pro clima HUB, Penrose - bus leaving AUT 8.30am, Mayoral Drive
- Attendees (approx. 250) will receive:
  - Exposure to international offsite policy and industry response
  - Information on advanced prefabrication technology, systems and uptake
  - Sharing issues, challenges and lessons learnt for the sector
  - Connecting and relationship-building opportunities
  - Being part of the innovative and burgeoning design and construction industry - at the forefront of modern methods of productivity and sustainability
- 80/ 100 CPD points for NZRAB, 14 points for ADNZ. Points for BOINZ and NZIOB to be confirmed. LBP points applicable in the Elective Activities.

**PrefabNZ**  
The heart of innovative construction  
presents

# CoLab 2018

The fun, interactive and thought provoking event that places you at the heart of innovative prefabrication + offsite construction

**When?**  
**7th - 9th March 2018**  
Sir Paul Reeves Building,  
AUT, Auckland

**What?**  
An exemplary three days of global + local leaders in transforming the construction industry.

Wednesday 7th March CoLab Site Visits	Thursday 8th March CoLab Conference	Friday 9th March Member-Only Workshops
---	---	--

More details at: [prefabnz.com/Events/CoLab2018](http://prefabnz.com/Events/CoLab2018)

## Day 1: Wed 7 March, CoLab Site Visit Day (9.00am – 5.00pm) @ AUT, 35 Mayoral Drive

Time	Topic	Presenters
From 8.45am	Registration at bus stop, over road from AUT 35 Mayoral Dr <b>Please remember to bring a high-vis vest, safety glasses and wear closed-toe shoes – maybe a jacket or umbrella !</b> Thanks to <b>NZ Safety Blackwoods</b> for supplying Hard Hats	Pamela Bell, Alice Boulton, Paula MacLachan, Jess Corbett, Olly Townend, Brittany Irvine + Catalina de Mendoza (PrefabNZ)
9.30	Buses will leave promptly – 5 of 6 sites visited as below: NB: Airport pick-up Bus B 10-10.15am at Door 2, Domestic Terminal	PrefabNZ Board Members and Staff as bus leads
	Social / Affordable residential: 205 Weymouth Road, Manurewa Brought to you by <b>XLam</b>	Housing NZ, XLam
	Commercial: Kauri Flats School, 181 Walters Road, Takanini Brought to you by <b>Abodo + ZCAP</b>	Abodo, ZCAP
	Concrete apartment building: Grace Apartments, 70 Sale St, Auckland CBD	ConcreteNZ
	Light-gauge steel manufacturing: Rollforming Services, 16B Ormiston Road, Otara	Rollforming Services (Howick Group)
	Steel container-based construction: IQ Containers, 285 Puhinui Road, Papatoetoe	IQ Containers
	Closed timber panel commercial: Ward Sommerville, 9 Park Avenue, Grafton	Tall Wood + Stanley Group
By 5.30	Close - buses drop off in CBD locations	
6.00-8.00	VIP Drinks for Sponsors and Keynotes – by invite only Warren & Mahoney – 139 Pakenham St, Wynyard Quarter	

## Day 2: Thurs 8 March, CoLab Conference Day (8.00am – 7.00pm) @ AUT, Mayoral Drive

Time	Topic	Presenters
7.45am	Registration at AUT, WA building, room 224 Corner Mayoral Drive and Governor Fitzroy Place	Pamela Bell, Alice Boulton, Paula MacLachan, Jess Corbett + Olly Townend, Brittany Irvine + Catalina de Mendoza (PrefabNZ)
8.15	<b>Welcome to CoLab 2018 + Launch 'PrefabNZ Capacity Report'</b>	<a href="#">Lauren Christie</a> , PrefabNZ Board Chair
8.30	<b>Opening address:</b> Ministers' messages for prefabrication sector	<a href="#">Hon. Phil Twyford</a> , Minister for Housing and Urban Development, and <a href="#">Hon. Jenny Salesa</a> , Minister for Building and Construction
9.30	<b>Our economic context:</b> a focus on answers for New Zealand Brought to you by <b>Resene</b>	<a href="#">Shamubeel Eaqub</a> , Sense. Partners

9.55	<b>Our housing context:</b> a focus on answers for Auckland <i>Brought to you by Pryda</i>	<a href="#">Leonie Freeman</a> , thehomepage.nz with <a href="#">Daiman Otto</a> , PrefabNZ Board Member and TallWood CEO
10.20	<b>Table Interactive:</b> <i>Brought to you by Flexo</i>	<a href="#">Mark Stolten</a> , Flexo
10.30	<i>Morning Tea – Flexo video</i>	
11.00	<b>Launch ‘PrefabNZ Good Offsite Guide’</b> – clarifying consenting guidance for prefabrication in NZ	<a href="#">Tim Porter</a> , PrefabNZ Board Deputy Chair
11.15	<b>Modular Design Handbook</b> – a multi-disciplinary approach <i>With Brookfield</i>	Prof. <a href="#">James Murray-Parkes</a> , Science and Engineering Director, Brookfield Scientific Solutions Group, Australia
12.00	<b>Modernise or Die</b> - lessons from UK policy and industry <i>Brought to you by the Industry Transformation Agenda (ITA), a BRANZ transformation initiative</i>	<a href="#">Mark Farmer</a> , CEO Cast Consulting, UK
12.45	<i>Lunch – Logs4jobs video</i>	
1.30	<b>Watch #InclusionstartswithI</b>	<a href="#">Pamela Bell</a> , CEO PrefabNZ
1.35	<b>Diversity A[Gender]</b> – leading a movement for change	<a href="#">Susan Freeman-Greene</a> , CEO Engineering NZ
2.00	<b>Digital Fabrication of Structures: A Step toward Industrialised Building</b> <i>With Lendlease</i> <i>Brought to you by Altus</i>	<a href="#">Daryl Patterson</a> , Lendlease / Design Make, Australia
2.30	<b>Singapore’s initiatives in construction productivity</b> – learning from a nation moving ahead with offsite <i>Brought to you by Spanbild Projects</i>	<a href="#">Ms Su-Ming Leong-Kok</a> , Deputy Group Director Construction Productivity & Quality Group, Building and Construction Authority, Singapore
3.00	<b>Industry Transformation Agenda (ITA)</b> – an update on the ITA initiative by BRANZ	<a href="#">Chelydra Percy</a> , CEO, BRANZ
3.20	<i>Afternoon tea</i>	
3.50	<b>Launch PrefabNZ Better Finance Tools</b>	<a href="#">Leah Singer</a> , PrefabNZ Board Member With Ben Rickard, BuiltIn
4.10	<b>Attitudes to Mass Timber Construction (MTC)</b> – academia + industry working together to bring you results <i>Brought to you by XLam</i>	Dr Paul Kremer, XLam
4.40	<b>Next-gen quick-fire session (7min each)</b> Research, innovation and exciting new developments from university representatives around NZ + Australia <ul style="list-style-type: none"> <li>• Ged Finch, Victoria University of Wellington</li> <li>• Robyn Phipps, Massey University</li> <li>• John Tookey, AUT / National Science Challenge 11</li> </ul>	Host: <a href="#">Guy Marriage</a> , PrefabNZ Board Member, Senior Lecturer Victoria University of Wellington

	<ul style="list-style-type: none"> <li>• David Chandler, University of Western Sydney</li> <li>• Kevin Sweet, Victoria University of Wellington</li> <li>• Charles Walker, AUT</li> <li>• Gemma Campbell + Yusef Patel, Unitec</li> </ul> <p><i>Brought to you by <b>W+R Jack</b></i></p>	
5.40	<p><b>Round-up</b> Flexo interactive results</p>	<p><a href="#">Chris Moller</a>, PrefabNZ Board Member, Founding Board Member and Grand Design NZ host</p>
6.00	<p><b>Conference Soiree + Launch PrefabNZ SNUG Design Competition</b></p>	<p>Tommy Honey, Architectural commentator and former RadioNZ 'nine-to-noon' contributor Penny Pirrit, Directory of Regulatory Services, Auckland City Council</p>
7.00pm	<p><i>Close</i></p>	

**Day 3: Friday 9 March, CoLab Members' workshop (8.30am-1pm)** from AUT, Mayoral Drive, @ pro clima HUB, 63 Hugo Johnston Drive, Penrose

*Please note: PrefabNZ Members only*

Time	Topic	Presenters
8.30am	<p><i>Buses leave promptly from AUT, over road from 35 Mayoral Drive</i></p>	<p><i>Pamela Bell, Alice Boulton, Paula MacLachlan, Jess Corbett + Olly Townend, Brittany Irvine + Catalina de Mendoza (PrefabNZ)</i></p>
9.15	<p><b>Welcome to pro clima HUB</b> <b>PrefabNZ in 2018: Our biggest year yet</b> – discussing PrefabNZ's advocacy role now and into the future</p>	<p>Jon Davies, pro clima HUB  <a href="#">Pamela Bell</a>, CEO PrefabNZ</p>
9.30	<p><b>Offsite manufacturing at scale for UK Build-to-Rent sector</b> <i>Brought to you by the <b>Ministry for Primary Industries (MPI)</b></i></p>	<p><a href="#">Rosie Toogood</a>, CEO Legal &amp; General Modular Homes, United Kingdom</p>
10.00	<p><b>Case study: Simon's House</b> – engineered timber and compliance <i>Brought to you by <b>Carter Holt Harvey WoodProducts</b></i></p>	<p><a href="#">David Christensen</a>, General Manager Sales + Marketing, CHH WoodProducts</p>
10.25	<p><b>An update from Housing NZ on the Modular Housing Panel</b></p>	<p>Andrew Booker, GM Business Innovation + Development, HNZN</p>
10.45	<p><i>Morning Tea - Brought to you by <b>pro clima HUB</b></i></p>	
11.15	<p><b>14x World Café Round-table conversations + interactives:</b></p> <ol style="list-style-type: none"> <li>1. Keynote conversation – <a href="#">Mark Farmer</a>, Cast Consultancy</li> <li>2. Keynote conversation - <a href="#">Su-Ming Leong-Kok</a>, BCA</li> <li>3. Keynote conversation – <a href="#">James Murray-Parkes</a>, Brookfield</li> <li>4. Finance: Better Bank Finance Tools explained – <a href="#">Ben Rickard</a>, Builtin</li> <li>5. Building Consent Compliance: Good Offsite Guide explained – John Gardiner, Building Assurance, and Jock Hyde, Auckland City Council</li> <li>6. Technology: BIM 101 – Steve Davis, Assemble</li> <li>7. Project Management for multi-unit developments – <a href="#">Sam Cadden</a>, Logic Group</li> <li>8. Sustainable 'green' buildings with Homestar V4 – <a href="#">Sam Archer</a>, NZGBC</li> </ol>	<p>Host: Pamela Bell with PrefabNZ Board and Staff Members</p> <p>Table conversations are 15 minutes each – participants visit up to 6 tables according to personal interest areas and swap tables after buzzer goes !!</p>

	<p>9. Lean Construction in NZ – <a href="#">Dr. Vicente Gonzalez</a>, The University of Auckland</p> <p>10. Procurement: social housing opportunities – Bernadette Pinnell, Compass Housing Services</p> <p>11. Procurement: Housing NZ's Modular Panel – Andrew Booker, HNZA</p> <p>12. Procurement: KiwiBuild conversation + feedback from Members – Steve Garner, MBIE</p> <p>13. Project Funding – Nick Sterling, Nathan Stantiall, Dr Conrad Lendrum, Callaghan Innovation</p> <p>14. Pro Clima demonstration – Jon Davies, Pro Clima</p>	
12.45pm	Reflections + Wrap-up	Lauren Christie, PrefabNZ Board Chair Tim Porter, PrefabNZ Deputy Chair
1.00	<i>Takeaway Lunch supplied</i>	
From 1.00	Buses to Airport and CBD	

**What to bring**

- An open mind, questions, comments and eagerness to engage!
- A high-vis jacket, closed-toe shoes and safety glasses for the site visit day – maybe an umbrella or something warm if weather cools down (Hard Hats supplied by **NZ Safety Blackwoods** – with thanks!)

**General Information**

**Fire and Emergency Excavation Procedures** See Emergency Procedures 2018

**Health and Safety**

We are required to comply with the requirements of the Health and Safety at Work Act.

**CoLab contact**

Attendee registrations, Jess Corbett, Financial Officer, [info@prefabnz.com](mailto:info@prefabnz.com) / 0211059510

Speaker contact, Alice Boulton, Membership and Communications Manager, [alice@prefabnz.com](mailto:alice@prefabnz.com) / 0212920947

Site visits contact, Pamela Bell, CEO, [pam@prefabnz.com](mailto:pam@prefabnz.com) / 021972635

**CoLab** is brought to you by our premium partners

