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## Modern Methods of Construction experts unlocking the Future of Building

More than 220 delegates from industry, government and research will come together to identify solutions to unlock the future of building at a national conference in Melbourne on Tuesday 3 September.

Now in its third year, Building 4.0 CRC has created its 2024 annual conference around the theme of **Making it Happen** reflecting its firm and fierce focus on solutions.

The program features international and national experts sharing their insights on the use of Modern Methods of Construction (MMC) to increase housing supply (and in particular, social and affordable housing), to retrofit existing buildings, to improve sustainability outcomes and to build an expanded and more diverse and inclusive workforce. A session is also dedicated to exploring what policy and regulatory reforms are needed to urgently accelerate the development and adoption of MMC.

Building 4.0 CRC CEO Prof. Mathew Atchison says: “Amid our global housing crisis, escalating building insolvencies and our shared and unstinting commitment to emissions reduction, there has never been a more critical time for this discussion.

“We will be exploring the tremendous community outcomes that could be achieved if we unleash the full force of our manufacturing knowledge and capability into the housing market and other building sectors.

“We are focused on *the possible* right now in Australia.”

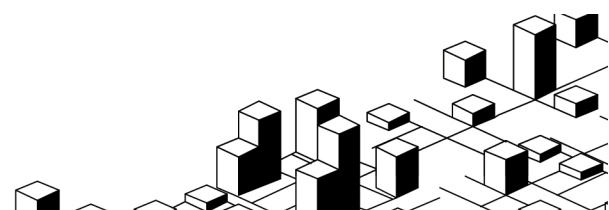
**Special guest: Hon. Sonya Kilkenny, Victorian Minister for Planning and Minister for the Suburbs.**

Keynote speakers and panellists include:

- *Dr Jerker Lessing*, Adjunct Professor at Stanford University
- *Michael Wheatley*, Acting Head of Housing Portfolio, Homes NSW
- *Gary Rake*, CEO of Australian Building Codes Board
- *Justine Prain*, Project Manager at Energie Sprong UK
- *Tyler Pullen*, Senior Technical Advisor at Turner Housing Innovation Labs, UC Berkeley
- *Giulia Scagliotti*, Researcher at Stanford University
- *Daryl Patterson*, West Island Workshop
- *Andrew McKenzie* from Kāinga Ora – Homes and Communities
- *Robert Sobyra*, Executive Director, Research and Planning, BuildSkills Australia
- *Dr Corrie Williams*, Executive Director, Master Builders Association Victoria
- *Alex Waldren*, National Policy Director, Master Builders Australia
- *Dr Dominique Hes*, Committee Member of the Circular Economy Ministerial Advisory Group
- *Julie Saunders*, Director, Urbis and Chair of the Queensland Housing Supply Expert Panel

### Details

- Tuesday 3 September 2024
- 8.30 am – 5.15 pm
- Monash College, 750 Collins St, Docklands, Melbourne



## PROGRAM SNAPSHOT

- **Making MMC a Reality** – Global perspectives and local insights on building a sustainable Modern Methods of Construction (MMC) industry and how we can apply these in our markets.
- **Housing Retrofit and MMC** – Embracing an industrialised approach to building retrofits and its role in contemporary construction.
- **MMC: Creating the Industry of the Future** - MMC allows increased workforce participation by a diversity of people in a safe environment. What will the future workforce look like and what will be needed in terms of skills and training?
- **New Ways to Deliver Social Housing** – How do we accelerate the production of quality social and affordable housing faster, learning from international experiences.
- **Regulatory Reform and the Industrialisation of Building** – What policy and regulatory reforms are needed to urgently accelerate the development and adoption of MMC?
- **New Ideas and Policy to Improve Building Sustainability** – Circular economy, decarbonisation policy and pathways to Net Zero – what are the new ideas that will help us achieve our goals and targets?

Find out more about the conference:

<https://building40crc.zohobackstage.com.au/Building40CRCAnnualConference2024#/?day=1&lang=en>

For further information please contact Kathy Mac Dermott 0427 243 986

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## ABOUT BUILDING 4.0 CRC

Building 4.0 CRC is a research initiative co-funded by industry partners and the Australian Government. It is tasked with revolutionising how buildings are designed, constructed and operated to build faster, safer, more sustainably and at a lower cost.

Building 4.0 CRC focuses on 4 research areas – industrialisation, Digitalisation, Sustainability, and People, Practices and Culture – with a particular drive to create significant demonstration projects where industry, government and the community can experience first-hand those buildings created or retrofitted using innovation and new methods of construction.

Now in its fourth year (of seven), Building 4.0 CRC is working with industry and governments to achieve an 80% reduction in construction waste; 50% cut in CO<sub>2</sub> emissions and a 30% decrease in production costs through the development of a more industrialised approach to building. It is also targeting the training of 7,000 apprentices in preparation for the new ways we will build in the future, and the development of an internationally competitive, dynamic and thriving Australian advanced manufacturing sector focussed on building.

To date, Building 4.0 CRC has been involved in 65 collaborative research projects, either active or completed, with another 40 in the pipeline.

Find out more about Building 4.0 CRC: <https://building4pointzero.org/>

