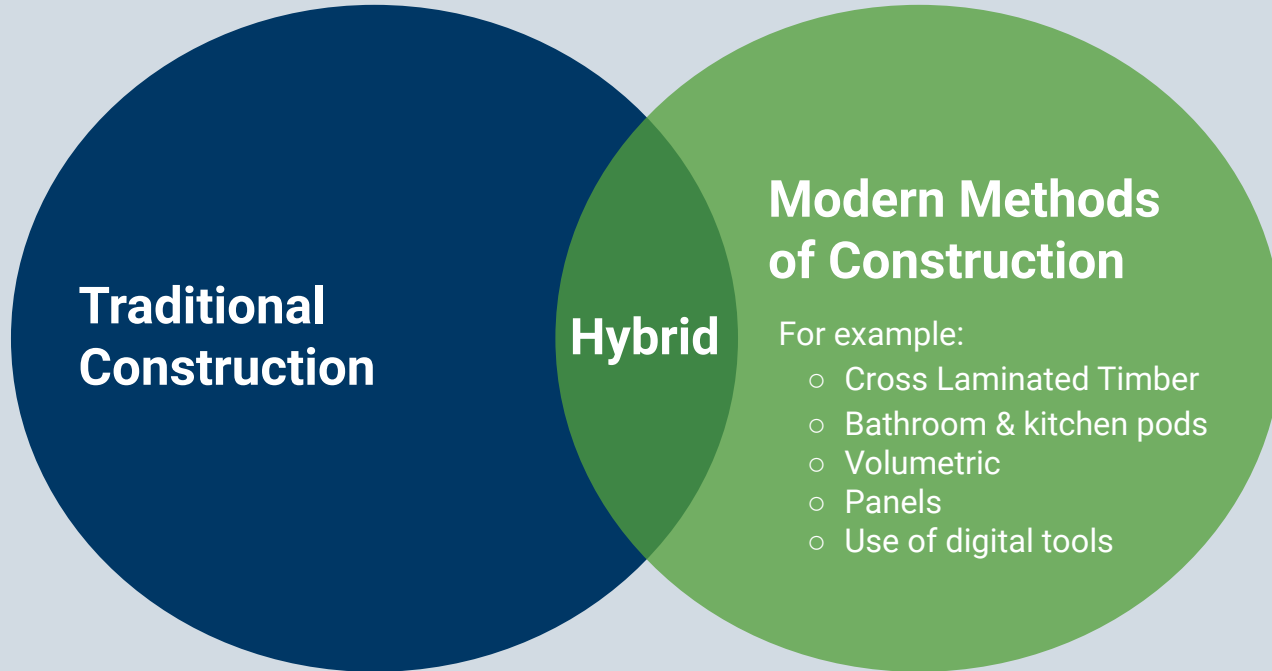


Modern Methods of Construction

19 September



What is MMC?



Why do we need MMC?

Productivity

It's estimated that around 40% of the total value of a project is wasted in re-work, delays onsite, consenting delays, low use of technology and more. It's time we take steps to change this.

Skills

With increasing skills shortages, doing more with the same resources is vital. Factory environments improve workforce health and safety; are more attractive than onsite work to some people; and can be located in different locations to where housing is needed, supporting regional economies.

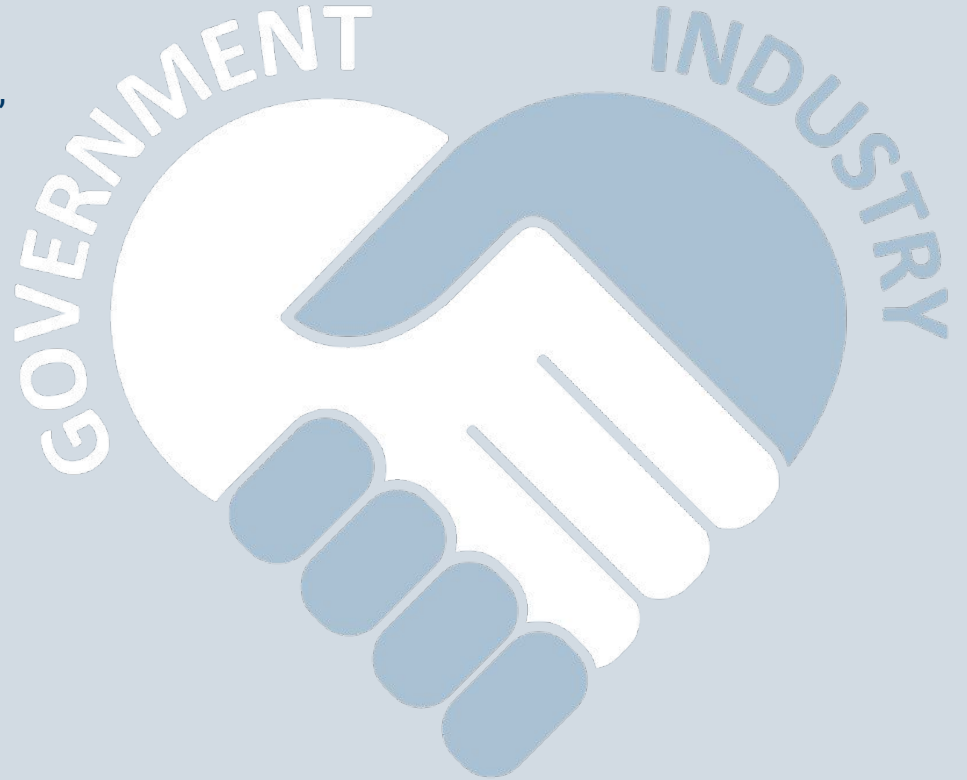
Decarbonise

Significant changes are coming. The factory environment aids quality assurance and material control and produces.

Industry & government are working together

Our common goal

Increase confidence and certainty across the supply chain and realise the benefits across time, cost, quality and sustainability.



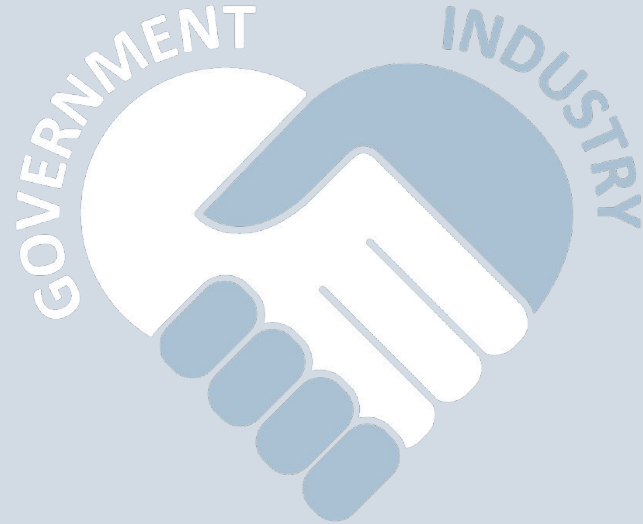
Our focus

Government

Cross-government MMC forum

Focus

- Creating demand
- Procurement & contracting
- Knowledge & skills
- Consenting



Industry

Industry MMC forum

Focus

- Market capability mapping
- Systemization
- Carbon 2030

Who's involved - Government Agencies

Cross-Government MMC Forum

Kāinga Ora	Ministry of Education	NZ Defence Force	Health NZ / Te Whatu Ora	Department of Corrections	Ministry of Foreign Affairs
Housing & Urban Development	Ministry of Business, Innovation & Employment	Ministry of Social Development	Callaghan Innovation	New Zealand Trade & Enterprise	Construction Sector Accord (as facilitators)

Who's involved - Overseas Experts



MMC Industry Forum - International Advisors

Mark Farmer – Cast Consulting, UK.

Jamie Johnston – Construction Innovation Hub UK – Platform Design Lead, Bryden Wood

Gerry McCaughey – OffSite Tek, USA

Amy Marks – Autodesk

Dale Sinclair – WSP

Trudy Sully – Impact Lead, Mott Macdonald, International

Who's involved - Local Experts



MMC Industry Forum - Industry Forum Members

Jason Blac – WSP

Dan Hayworth – Box Living

Craig Kellington – Smart Solution Homes

Franco Liebenberg – Build Partners

Peter O’Leary – WSP

Nico Patchay – Niche Modular

Bruna Pedro – Clever Core

Sharon Robinson – Smart Living Spaces

Andrew Searle – Summerset

Simon Waldren – Apex Wiring

Jeff Wilson – Tech-Q

Kim Atkin - Truss House

Johann Betz- OffSite Design

Daiman Otto - DK Otto Ltd

Phil Smith - Smith Architects

Scott Fisher – Offsite NZ

Jane Henley – Construction Sector Accord

Please contact us if you have an interest in participating.

Our joint work plan

Market Capability Mapping

- Clear framework to communicate product and capability
- Information standardized for Government Procurement, including a common language
- Information used for case studies to increase knowledge

Government strategy and capability

- Support government agencies to implement MMC within portfolios
- Facilitate knowledge sharing across government
- Monitor and communicate

Interoperability

- Agree on terms for MMC
- Explore ways to increase interoperability and ease of use
- Adopting international best practice while right sizing an approach for New Zealand

Our joint work plan

Roadmap to 2030

- Clear timeline for code changes and how OSM/MMC solutions can provide certainty of performance

Resources and Communications

- Business case for OSM and roadmap
- How-to guides and lessons learned
- Telling the OSM Story

Engagement with Industry Bodies

- Partnerships – e.g. Innovation working groups
- Interest groups

Thank you.

