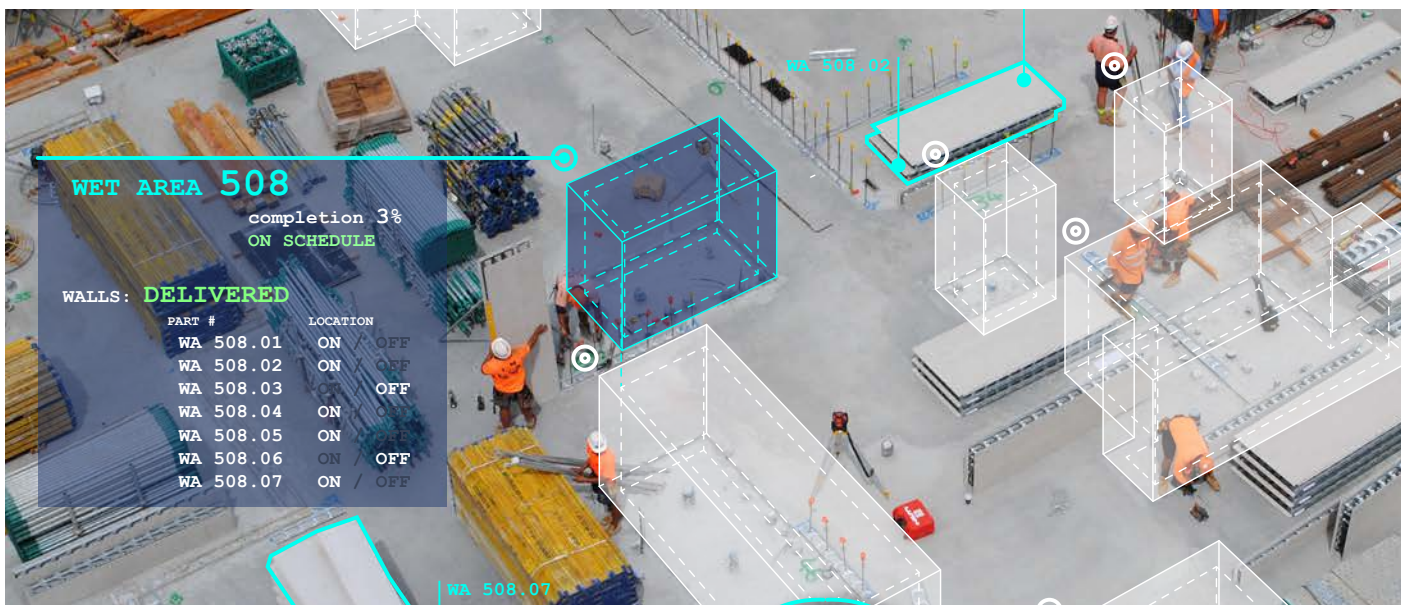


WHAT IS BUILDING 4.0 CRC?

The Building 4.0 CRC is a new, Australian government-funded cooperative research centre, forming part of the Commonwealth's CRC Program (<https://www.business.gov.au/Grants-and-Programs/Cooperative-Research-Centres-CRC-Grants>). Through research-industry-government collaboration and new technologies of the 4th industrial age, the Building 4.0 CRC aims to catapult the building industry into an efficient, connected and customer-centric future, delivering better buildings at lower cost along with the human capacity to lead this future industry. In doing this, the CRC also aims to develop an internationally competitive, dynamic and thriving Australian advanced manufacturing sector for building, in alignment with the Commonwealth Government's national priorities and the Advanced Manufacturing Growth Centre's (AMGC) objectives.

WHAT WILL BUILDING 4.0 CRC DELIVER?

Through its three integrated research programs – Sectoral Transformation, Digital Transformation, Building Transformation – the CRC will: 1) develop new industry-wide culture, practices and standard protocols that will enable the transformation of the entire sector; 2) develop new building processes and techniques through leveraging the latest technologies, data science and AI; and, 3) improve building “hardware” and processes, and their interaction with the digital and sectoral programs, to ultimately improve all aspects of the key building phases (development, design, production, assembly, operation, maintenance and end-of-life). Research outcomes across the three programs will focus on: a) products, services and businesses; b) jobs, engagement and relationships; c) systems protocols and networks; and d) buildings, precincts and ecologies.



GET IN TOUCH

 info@building40crc.org
 www.building4pointzero.org
 [/building-4-0-crc](https://www.linkedin.com/company/building-4-0-crc)



AusIndustry
Cooperative Research
Centres Program

HOW MANY PARTNERS DO YOU HAVE, AND WHO ARE THEY?

We currently have 30 key partners (listed on our website). Our foundational industry partners are Lendlease, Donovan Group, uTecture, and Coresteel Buildings, and our lead research organisations are Monash University and The University of Melbourne.

HOW DID YOU CHOOSE YOUR PARTNERS?

Partners were chosen as “best-in-class” representatives of their respective positions on the construction value-chain. We often refer to this approach as a “slice” through the construction value-chain.

WHAT ARE THE BENEFITS OF BEING A CRC PARTNER?

The Building 4.0 CRC’s principle aims are to decrease waste; create buildings that are faster, cheaper, and smarter; and, capture new opportunities by facilitating collaborative work between stakeholders across the whole value chain in cooperation with government and research organisations. This collaborative structure will enable our partners to understand the value of new thinking and to integrate innovative practices in their work.

Building faces fierce competition for highly skilled tech talent from other sectors. The CRC will also create pathways to future employees to develop new, tech-focused skills through a deep understanding of the industry’s needs and culture.

In summary:

- Industry partners will see increased profitability and productivity;
- Research partners will leverage investment from CRC partner contributions and the Commonwealth to conduct industry-focused research that makes an economic, social and environmental impact;
- Australia will benefit from reductions in costs and improvements in building functionality, sustainability and operational efficiency; and
- Government will benefit from a stronger economy, an improved environment, and science-backed methodologies leading to improved construction policy and regulatory frameworks and a more connected industry.

HOW DO I BECOME A PARTNER?

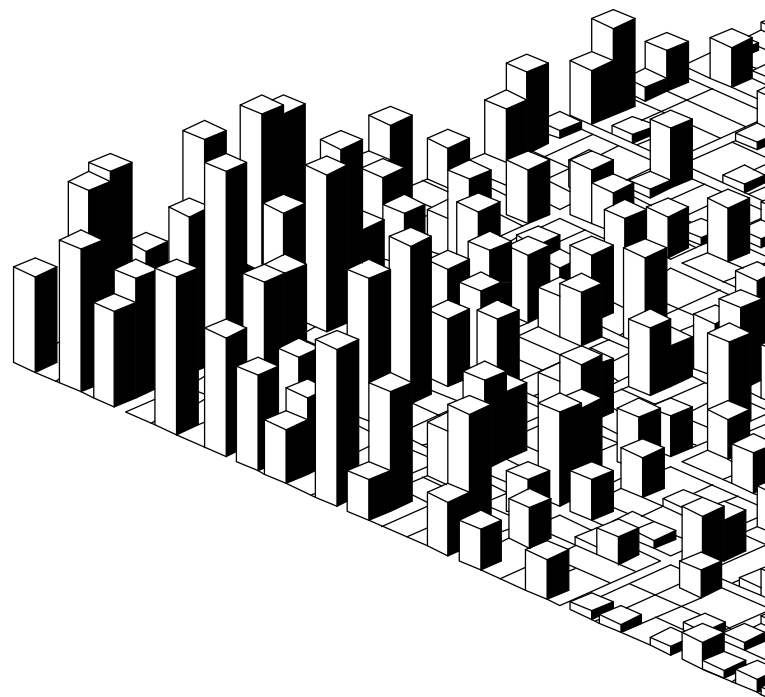
We are currently coming to the end of the establishment phase and moving into the early operational phase. Once the organisation is on its feet, we have the flexibility to include additional partners in the CRC on a project-to-project basis. Interested parties should contact us at info@building40crc.org.

DO YOU OFFER ANY KIND OF EDUCATIONAL PROGRAM?

Yes. We will deliver industry-linked skills and training (specifically for 36 PhD Candidates, 1,000 Masters Graduates, and 7,000 Apprentices); partnerships with key players in the sector; support for emerging businesses such as SMEs and start-ups; and, the development of new courses and live building projects.

HOW DO I BECOME INVOLVED IN THE EDUCATION PROGRAM?

Please visit our website (www.building4pointzero.org), which has a training and education portal. Alternatively, we invite you to contact us at info@building40crc.org with specific enquiries. In the next few months we will initiate the first call for applications for our PhD candidates, and we will also begin the graduate education programs with our university partners, and the skills and training initiatives with our VET partner, Holmesglen Institute.



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