



TRANSFORMING INDUSTRY

EFFICIENCY AND PRODUCTIVITY GAINS IN THE BUILT ENVIRONMENT

17 PROJECTS IN
UTILISATION
STAGES

45 PARTICIPANTS
20 Industry
17 Government
8 Research

**TRANSFORMATIONAL
IMPACTS ON A
FRAGMENTED INDUSTRY**
Bringing industry together
with researchers, the
professions & governments

DEVELOPING TOOLS FOR INDUSTRY & PROFESSIONS IN SUPPORT OF LOW CARBON URBAN DEVELOPMENTS

Optimisation
of energy,
transport,
water and
waste at
precinct level

Integrated
Carbon Metrics
modelling and
visualisation
(based on embodied
carbon database for
building products)

Nextgeneration
House Energy
Assessment tools
(beyond AccuRATE)
which are directly
linked to end users
in the development
sector

**DESIGN AND
PLANNING**
innovations for
future buildings
and cities

**CLOSING THE LOOP ON HIGH
PERFORMANCE BUILDINGS**
enabling better conversations
with investors and clients



MARK ECKERMANN Product Innovation
Manager, Bluescope Steel

"The CRC for Low Carbon Living has and continues to be a valued open innovation partner of BlueScope Steel. On a number of discrete projects, and more generally through the networks and relationships that the CRC facilitates, the CRC has demonstrated important and valued behaviours needed by industrial partners – responsiveness, versatility and openness. The CRC continues to produce quality insight and data that underpins key technology and commercialisation decisions of BlueScope."

"The CRC for Low Carbon Living has over the last three years enabled significant collaborations between key stakeholders, identifying and developing tools, data needs, technologies, materials and a much needed evidence base for high performance in buildings and precincts. It is also growing the evidence base for design, planning and policy innovations in this sector. As an essential partner in the CRCLCL, this is helping us and the sector compete in a lower carbon world."



DR DENNIS ELSE
General Manager Safety and
Sustainability, Brookfield Multiplex

"CSR Building Products, as an Australian manufacturer, has been very pleased with our membership of the CRC for Low Carbon Living. We are involved in four projects covering energy efficient building products and design, and are looking to this to assist us in developing advanced manufacturing opportunities for Australia. So few opportunities exist in Australia for local large scale manufacturers to gain assistance from government and university researchers to innovate. This CRC is one such opportunity and we look forward to being able to commercialise the outcomes."



RAY THOMPSON
General Manager, Innovation &
Market Development, CSR Building
Products Australia & New Zealand

"AECOM is currently engaged with the CRC for Low Carbon Living on 10 research projects developing tools, data, and technologies which underpin more innovative solutions for the built environment. These provide AECOM a competitive advantage in our specific sector of infrastructure design for the built environment, thereby allowing us to maintain a leadership position in innovation and capacity building."



LESTER PARTRIDGE
Industry Director Building
Engineering (Applied Research and
Sustainability), AECOM Australia