



PRODUCTS & SYSTEMS FOR FUTURE BUILDINGS AND CITIES

Developing the next generation of low embedded building carbon materials and developing world-first standards to enable their uptake, including:

- + Integrated heating/cooling systems in buildings (with Bluescope)
- + Recycled low carbon cladding materials from waste and glass (with CSR)
- + Geopolymer concrete substitute products (with Australasian Slag Association)
- + Real-time performance tracking of solar energy systems (with Solar Analytics)
- + New generation vapour barrier products for buildings (with Ametalin)
- + Modularised advanced construction systems (with NovaDeko)

CRCLCL PROJECTS = **\$684m**
EXPECTED BENEFIT
TO AUSTRALIAN
ECONOMY BY 2027



“The involvement of the Ash Development Association of Australia and the Australasian (iron & steel) Slag Association in the CRC for Low Carbon Living is critical. The CRCLCL brings together built environment experts to provide a central focus on addressing the need to transition to a low carbon future for buildings and cities. The CRCLCL is about doing together what we could not do alone, and we have demonstrated the success of this through our project to remove barriers to the uptake of low carbon geopolymer concrete. By developing standard specification and design guidelines and new standards for geopolymer concrete, this project can enable uptake and have a transformative effect on the industry.”



CRAIG HEIDRICH
CEO, Ash Development Association of Australia and Australasian (iron & steel) Slag Association

“The CRC for Low Carbon Living brings together industry, research and governments to enable a more competitive built environment sector. Standards Australia is collaborating with the CRCLCL on a number of projects where new standards are a recognised vehicle for better industry uptake, including in the development of a new, world-first standard for geopolymer products. The CRCLCL also has enabled better international collaboration with groups like the International Energy Agency – such leadership from the CRCLCL is helping Australian industry to compete globally, and we are proud to be involved.”



JESSICA CURTIS
National Sector Manager,
Standards Australia

“The CRC has been invaluable to us, by creating an environment that promotes innovation, introducing new partners, and giving us access to key Government decision-makers. This has helped us to develop a new line of patented products which we are now commercialising in Australia and abroad.”



MICHEL BOSTRÖM Managing Director, Ametalin