

Media Release

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18 February 2022

SmartCrete CRC Announcement

SmartCrete CRC calls out for zero carbon project ideas

The Australian cement and concrete industry have declared its ambition to deliver net zero carbon cement and concrete by 2050. In line with this, SmartCrete CRC is committed to deliver lower carbon cement and concrete which will require significant financial investment to research, pilot and adopt a range of technologies.

The VDZ report “Decarbonisation Pathways for the Australian Cement and Concrete Sector” released in October 2021,(1) demonstrates that this outcome can be achieved with the assistance of the full value chain. SmartCrete CRC was delighted to contribute to this report to better understand the technologies and practices necessary to decarbonise Australian cement and concrete.(2) To assist with understanding the content of the document the reports lead authors, Dr Martin Schneider and Dr Christoph Müller, presented at a webinar hosted by SmartCrete CRC on the 1st December 2021. In this webinar, the ambitions for the industry were presented along with the research and innovation areas that need to be explored to achieve these ambitions.

View the report and webinar here: <https://smartcretecrc.com.au/category/news/project-decarbonisation-pathways/>

In addressing its vision to ensure the long-term viability of vital concrete infrastructure, SmartCrete CRC will continue to facilitate the creation of networks between the concrete industry, SME's and research providers to address the research requirements that have been identified. SmartCrete CRC is ready to consider relevant projects that support key innovation areas. In addition, the organisation has funding available to realise these projects and can match funding for research by partners. From the eight pathways mentioned in the report, SmartCrete CRC will focus on the following five areas:

- Innovation through design and construction
- Further innovation in concrete
- Increased use of supplementary cementitious materials in concrete
- New CO2 efficient cements
- Accounting for concrete to uptake CO2 (recarbonation)

If you have project ideas that provide thought leadership and innovation and would like to develop these with SmartCrete CRC, please submit your idea through our website: <https://smartcretecrc.com.au/submit-an-idea/>

Would you like to join SmartCrete as a partner and participate in our research program?
Please get in touch through our website: <https://smartcretecrc.com.au/become-a-partner/>

Enquiries

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1. VDZ is a world-renowned research centre, providing practical and quality-oriented joint research and services in the field of cement and concrete.

2. Financial and in-kind contributions have been provided by the Cement Industry Federation, Cement, Concrete and Aggregates Australia, SmartCrete CRC and the RACE for 2030 CRC