



Australian Research Council  
Industrial Transformation Training Centre  
Whole Life Design of Carbon Neutral Infrastructure

## Chief Investigator of DfCO2 join ranks of new ATSE Fellow 2024!

*We are delighted to announce that Professor Yan Zhuge from the University of South Australia has been elected as a 2024 Australian Academy of Technological Sciences and Engineering (ATSE) Fellow!*

ATSE comprises a distinguished group of nearly 900 Australian scientists, research leaders and engineers who are dedicated to advancing the fields of engineering, technology, and applied scientific research. Prof Zhuge is one of the 32 remarkable newly elected ATSE Fellows, recognised for their groundbreaking contributions across diverse fields. *Read more here:* [atse.org.au/who-we-are/our-fellows/all-fellows/yan-zhuge/](https://atse.org.au/who-we-are/our-fellows/all-fellows/yan-zhuge/)



Professor Zhuge is a leading structural engineer known for developing innovative green materials. She transforms industrial waste into valuable construction products, including repurposing old tyres into sustainable concrete and creating a world-first self-healing concrete from water treatment sludge. She has also explored turning sawmill waste into steel-timber beams, with commercialisation of these inventions underway. Professor Zhuge has established impactful industry collaborations globally and is a strong advocate for women in STEM and a mentor for young engineers from diverse backgrounds.

***“It’s an honour to be elected by my peers, and I look forward to joining the Academy to help Australians understand and use technology to solve complex problems”, said Professor Zhuge.***

Join us in congratulating Prof Zhuge on this remarkable achievement!

