



LC Brick (Low Carbon Brick): Moving Toward Socially Responsible
Construction
Consumer Survey

Here is a Chance to Have Your Say and Get \$15 Gift Voucher

The momentum around revolutionary 'green' types of bricks and construction materials is building as a response to climate change. Our research is developing a process for repurposing composted municipal organic waste (from red bin) into brick production that will reduce municipal waste sent to landfill, and hence greenhouse gas emissions. In addition, it reduces fuel usage in brick production and produces a durable, economically viable, and environmentally friendly brick product. Immediate implementation of this innovation is made viable by the co-location of a composting plant of Global Renewables Ltd (GRL) and a brick kiln of Austral Brick Co Pty Ltd (ABC) at Horsley Park, Sydney (within 2 km between them). The technology once proven could be implemented across Australia and around the world and will result in reducing the disposal of the organic component of municipal waste to landfill, resulting in significant reduction in greenhouse gas emissions. Every tonne of food waste diverted from landfill can potentially reduce greenhouse gas emissions by between 0.3 and 2.8 tonne CO₂-e.

We invite you to partake in an online survey, which will take approximately 30 minutes. We want to know your opinion regarding our proposed LC Brick, your willingness to use the bricks, as well as your desired characteristics of bricks. While LC Bricks production is still very much in its infancy, this survey will help in the exploration of the acceptability of LC Bricks in the Australian market. It will also provide much needed insight into what motivates you to use or recommend a type of brick, and what your opinion is on these LC Bricks.

Respondents can complete the survey completely anonymously and can provide details at the end to receive a gift voucher for a **value of \$15**. The outcomes of this research will provide an understanding of the desirability of LC Bricks and may help guide future policy frameworks related to the production of these bricks.

This survey closes on 30/11/2024 or when completed surveys reach the target number.

We look forward to your participation in this research project and please feel free to tell other people about the study by sharing the Link:

https://surveyswesternsydney.au1.qualtrics.com/jfe/form/SV_e4gJNAJhL4VjEW2

or the QR Code provided below:



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For more details regarding the project, please feel free to contact:

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This study has been approved by the Western Sydney University Human Research Ethics Committee; **the approval number is H15915.**