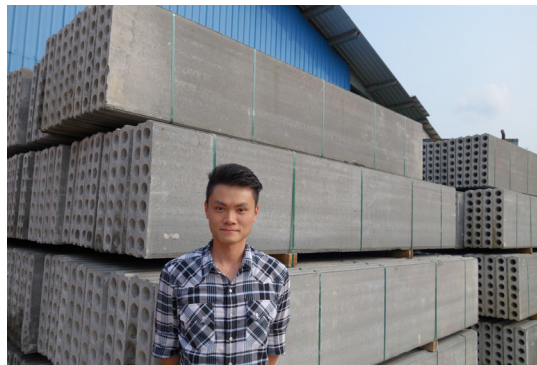




Greencast®

Creating walls the eco-friendly way

A technology that started out as a research project within the laboratories at NUS Department of Civil & Environmental Engineering is making waves in the regional construction industry. Funded by the Building and Construction Authority, the project has developed a new technique for creating hollow core walls. Made from recycled concrete, the light-weight and high-strength building material is both environmentally friendly compared to traditional bricks, and also cost-effective to install.



The technology has been licensed to a local small and medium enterprise, GreenCast®, which is marketing products such as the ecoWall® and ecoBlock®. It has already been used to construct walls in residential, commercial and industrial projects in Singapore, Malaysia and beyond.

Mr Alvin Hong, CEO of GreenCast®, was very positive about this collaboration, “ The Industry Liaison Office, being our technology partner, has been proactive in sharing ideas and opportunities for SMEs like Greencast® to take on new innovations that will help the construction industry solve problems. We believe product innovation is key to keeping us competitive in the market and with NUS resources and expertise we will be able further develop new technologies that are cost-effective for the construction sector.”



NUS Enterprise

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» Milestones

Greencast®

- 2005: NUS Department of Civil Engineering developed optimal extrusion technique for creating hollow walls
- 2006: NUS patented the technology
- 2011: Technology licensed to GreenCast®
- 2012: GC ecoWall® marketed in Singapore and Malaysia
- 2014: GreenCast® increased the number of its partnerships in the industry
- 2015: GreenCast® undertook further internal R&D to produce a new product, increasing its product line to three

