

Project #6: 3D printed housing from recycled plastic

Shows how large-scale structures, including housing, can be created from recycled plastics using 3D-printing.

Using this process, Studio Kite, a movie prop-making company that uses one of the largest 3D printers in the world – CADzilla – first created wildlife nesting boxes from recycled plastics, for use following regional bushfires.

Seeking to move on to larger projects, Studio Kite then began using the same process to develop creation of structures such as garden shelters and tiny houses – the Jindi – from recycled plastics, with commercialisation being the ultimate goal.

About ReCirculator

Bringing together research expertise in geochemistry, environmental science, engineering, business and education to develop solutions for our global waste problem. Our research addresses the barriers associated with integrating wastes into the circular economy, developing and implementing cutting-edge scientific, technical, social, economic and education-based solutions.

If you would like more information on collaboration or partnerships please contact:

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