

From Red Stickers to Reuse: Rethinking Construction and Demolition Waste



Localised



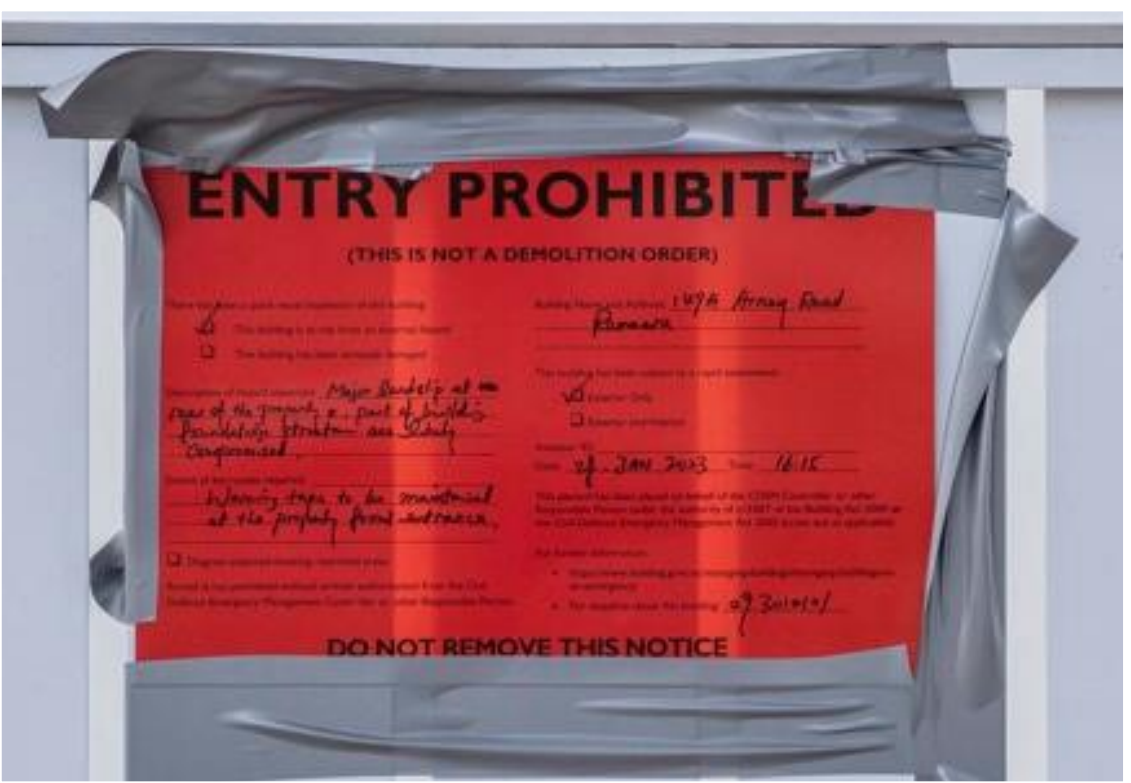
Introduction

A Localised and Massey University collab

A practitioner–academic partnership between Carla van Walen, General Manager of Operations at Localised, and Mohamed ElkhARBoutly, Chartered Construction Manager and academic at Massey University’s School of Built Environment.



The issue: Construction and demolition waste after the cyclone

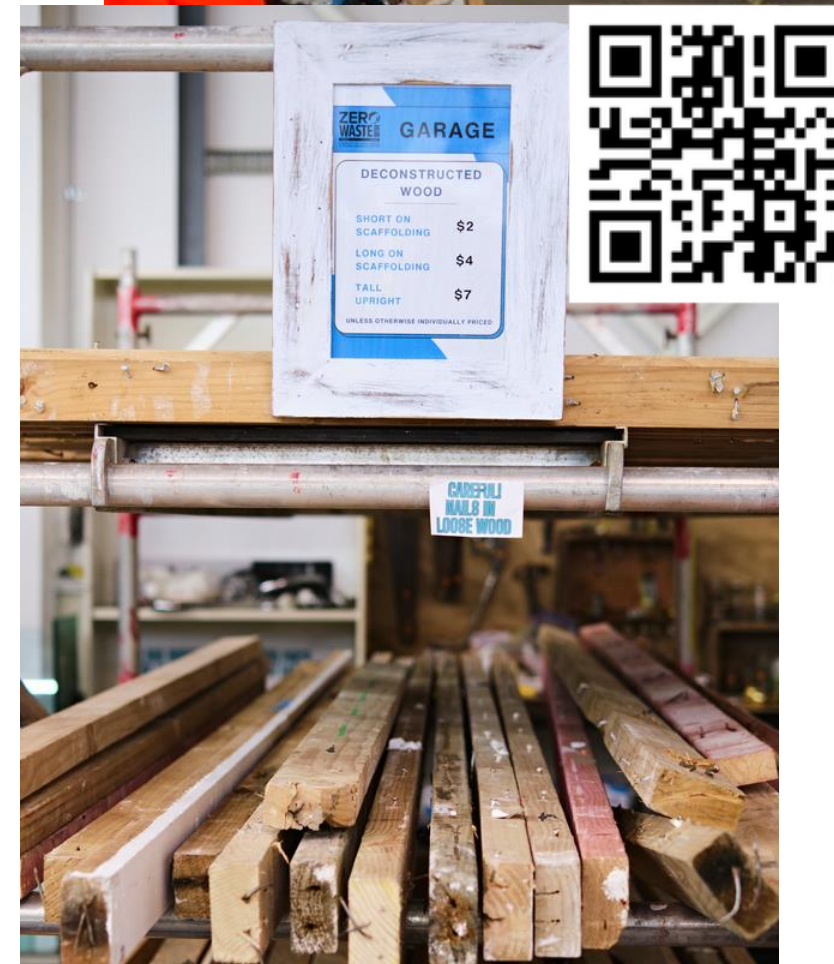


The problem

- Not all materials can be recycled and repurposed
- How can these materials get repurposed?



Site visits





 **ONEHUNGA
ZERO
WASTE**

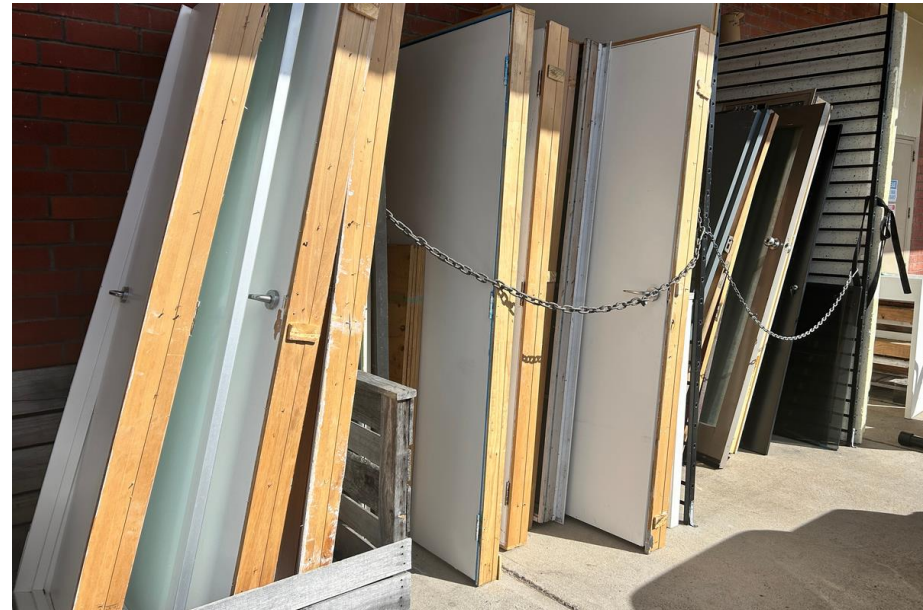


The research

- Five material streams



1.Timber



1.Doors & Windows



1.Roofing material

1.Carpet fibre in concrete



1.Sanitary whiteware



Preliminary findings from students



Research wins

- Timber, carpets



What's next?



Pātai



TE KUNENGA
KI PŪREHUROA
MASSEY
UNIVERSITY
UNIVERSITY OF NEW ZEALAND



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