

UBICARE

How to address construction waste through Design

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Ubicare is a research informed by the cityscape and urban phenomena to explore future design scenarios.

The construction industry has a significant weight on waste production. According to WRAP (Waste and Resources Action Programm , 2017) the construction industry accounts for nearly 120 million tonnes of construction waste every year , around one third of the UK's annual waste. Each year million of tonnes of materials get delivered to site , industrial fabrics such as scaffold sheeting and debris netting

represent a huge part of this waste. Recent surveys show that a huge amount of these fabrics is skipped and landfilled due to over and inappropriate ordering or damage resulting for poor storage.

My investigation aims to look at this waste as an opportunity to tell new stories in different contexts. The project acts as a catalyst to envision the boundaries between the city and surrounding environments.

Ubicare is currently proposed as a series of experiments to test material features, potential uses and compositions.