

ZERO WASTE MEETS ZERO HASSLE: A SMART APP FOR ECO CONSTRUCTION



CHALLENGE

A mission-driven construction firm was scaling fast, but its logistics process wasn't keeping up. With construction sites across Melbourne handling seven types of recyclable materials, there was no simple system for managing deliveries and pickups. The client needed a lightweight, mobile-first solution that matched their pace and purpose.

SOLUTION

ThunderLabs deployed a strike team to co-design and build a native mobile app with a simple logistics management backend.

The system gave construction teams real-time visibility and control over recyclable material pickups and drop-offs without disrupting daily site operations.

RESULT

- First version rolled out to 20+ construction sites across Melbourne
- Streamlined logistics for seven recyclable material types
- Platform built for scale, with new features in development to support national rollout
- A digital foundation supporting the client's broader sustainability mission

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