



The Isuzu logo, consisting of the word 'ISUZU' in a bold, red, sans-serif font.

Case Study:

Cutting Waste to Landfill in Half

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Background

A major priority for Isuzu car manufacturing was to unlock cost savings by significantly reducing landfill waste at their facility.

Between 2023 and 2025, the focus was on minimising general waste through targeted diversion of key material streams, including cardboard, timber, and secure paper.

In FY23, general waste accounted for **71.70%** of total waste generated, with cardboard representing **14.42%** and timber **5.99%**, highlighting a strong opportunity for improved resource recovery.

Material Performance (FY23 vs FY25)

The Solution

Premier Waste partnered closely with Isuzu's operations team to implement a behaviour-led waste reduction strategy. Key initiatives included:

- Establishing a strong partnership model with site leadership.
- Appointing on-site waste champions to drive accountability and action.
- Delivering tailored training to empower staff.
- Conducting regular tracking, reporting, and performance reviews.
- Facilitating on-site sessions to address questions and continuously refine processes.

The Impact

The program delivered significant and measurable improvements across all key waste streams:



54% reduction in general waste.



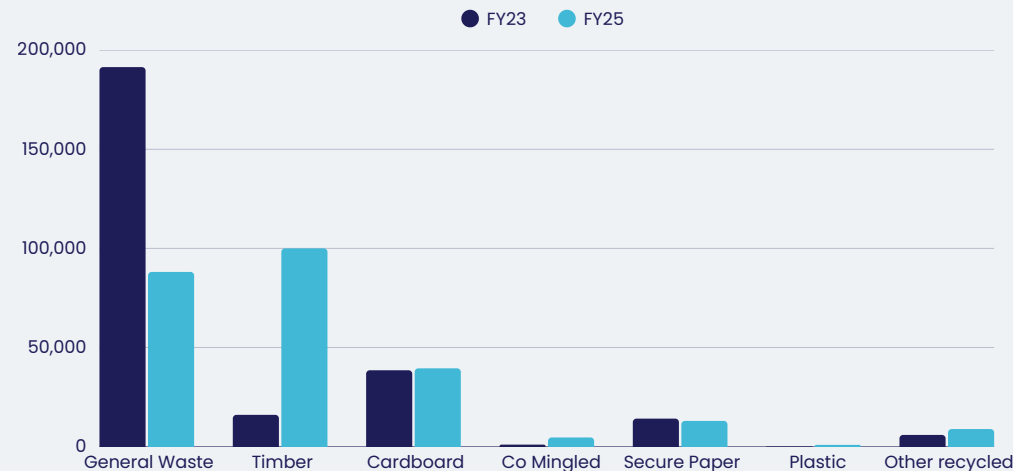
Substantial increases in recycling and diversion, led by timber packaging (from **16,000 kg** to **100,000 kg** (FY23 vs FY25)) being sent to one of our partner network for processing into wood chips and mulch.



Increase in co-mingled recycling, diverting an additional **3,611 kg's** (FY23 vs FY25) from waste to landfill.



Diversion rate increased from **28.30%** to **60.18%** (FY23 to FY25).



Waste Stream	FY23 (kg)	FY25 (kg)	Change
General Waste	191,470	88,117	54% ↓
Timber	16,000	100,000	525% ↑
Cardboard	38,500	39,465	2.50% ↑
Co Mingled	979	4,590	368% ↑
Secure Paper	14,093	12,944	8% ↓
Plastic	140	840	500% ↑
Other recycled	5,868	8,835	51% ↑
Other landfill	16	2	88% ↓

**based on financial year data

Key Benefits

- ✓ **Cost savings:** Annual waste costs reduced from **\$161k** (FY23) to **\$149k** (FY25) through lower disposal volumes, despite EPA levy increases, rising landfill fees, and CPI adjustments.
- ✓ **Diversion rate doubled** in 24 months, increasing from **28.30%** to **60.18%**.
- ✓ **Lower emissions** achieved by reducing landfill generated methane. It is estimated the equivalent of **116.48** tonnes of greenhouse gas emissions were saved (based on **101,888** kg going to landfill in FY25 compared to **191,470** kg in FY23, using an emissions factor of 1.3*).
- ✓ **Scalable model** with opportunities for national expansion across waste services.

"By maintaining such a controlled cost structure in a volatile environment, they've demonstrated the true value of strategic waste management and operational efficiency."

Drago Manjerovic – Major Account Manager

Key Enablers

A collaborative partnership approach



Tailored, site-specific training

On-site engagement to support behaviour change



Continuous feedback loops to drive improvement

Key Learnings

- Behaviour change support is critical to achieving and sustaining diversion targets.
- Waste composition audits are essential to understanding material streams.
- Audit-driven waste plans help identify the highest-value diversion pathways.
- On-site waste champions play a pivotal role in embedding long-term change.

*Australian National Greenhouse Accounts Factors)



Because waste matters



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