



WEIGHED IN → TURNED INTO → RECOVERED → SAVING

1 · WEIGHED IN 2.2 t 1 load over the weighbridge	2 · TURNED INTO 1 product Processed ferrous scrap	3 · RECOVERED 2.1 t 99% · 2.1 t to Australian buyers · 0.0 t exported	4 · SAVING 3.2 t CO ₂ -e 53 trees' worth of carbon
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THE LOAD

PARTNER	Example Demolition Contractors
SITE	Dandenong yard · Dandenong VIC
DATE	2 Oct 2026
DOCKET	WB-2610-2191
METAL IN	Ferrous scrap
WEIGHED IN	2.15 t
TURNED INTO	Processed ferrous scrap
RECOVERED	2.12 t (99%) · weighed out
RESIDUAL	0.03 t
WENT TO	Australian foundry

THE DIFFERENCE IT MADE

CO₂-E AVOIDED

3.2 t

By putting **2.1 t** of recovered metal back into production instead of making it new (the carbon **53** trees absorb over ten years).

WEIGHED IN

1 load

2.2 t

RECOVERED

99% of what came in

2.1 t

NEW METAL DISPLACED

of ore-based metal that did not need to be made

2.1 t



RECYCLED VS LANDFILL

IF IT WENT TO LANDFILL

Metal lost	2.2 t
Made new from ore instead	2.1 t
Carbon from making it	3.2 t CO ₂ -e

WITH RECYCLED

Metal recovered	2.1 t
Residual	0.0 t
Carbon from making it new	0 t CO ₂ -e

THE DIFFERENCE **3.2 t CO₂-e** 2.1 t back into production · 53 trees' worth of carbon

WHAT HAPPENED TO IT

Sorted, cut to size where needed, non-ferrous and contamination removed, baled.

HOW THESE FIGURES ARE WORKED OUT

1. **Weighed in.** Every load crosses our weighbridge; the docket weight is the figure used.
2. **Turned into.** The load is processed on the line for its metal. The product it becomes is recorded against the load.
3. **Recovered.** The saleable metal weighed out. Where an output weight was not recorded, Recycled's usual recovery rate for that metal is used and the load is marked as an estimate.
4. **Saving.** Tonnes recovered × the published recycling credit for that metal: the carbon avoided by not making the same metal new from ore, net of collection and reprocessing (steel 1.5 t CO₂/t, worldsteel; copper 5.2, aluminium 7.9 and mixed metals 4.8 t CO₂-e/t, US EPA WARM). Metal in landfill does not break down, so no landfill methane is claimed.
5. **Trees.** CO₂-e avoided ÷ 0.060 t, what one tree seedling absorbs over ten years (US EPA).
6. Factors marked as stand-ins (brass, stainless) and usual recovery rates should be read as estimates.