



Manufacturing Australian Waste Separation Solutions from Recycled Soft Plastics

Who we are, what we do, and how our existing manufacturing capability already turns post-consumer soft plastics into kerbside FOGO infrastructure.

Circular Soft Plastics Value Chain Activation Project | Product Showcase, 20 August 2026

WHO WE ARE

A specialist Australian manufacturer

Source Separation Systems is a 100% Australian-owned family business, established in 2007, with a principal office at 108 Munibung Road, Boolaroo, New South Wales. We specialise in the source separation of waste, and we do not simply supply a bin, we supply a system that meets the needs of the waste generator, the collection contractor and the local government authority.

We have invested continuously in our own capability rather than outsourcing it, and that manufacturing and distribution footprint is what makes recycled content production realistic for us today.

1,000,000

+

Kitchen Caddies delivered to Australian households through council FOGO programs

3

Dedicated facilities:
Boolaroo NSW,
Bayswater VIC and the
Seven Hills NSW FOGO
Hub

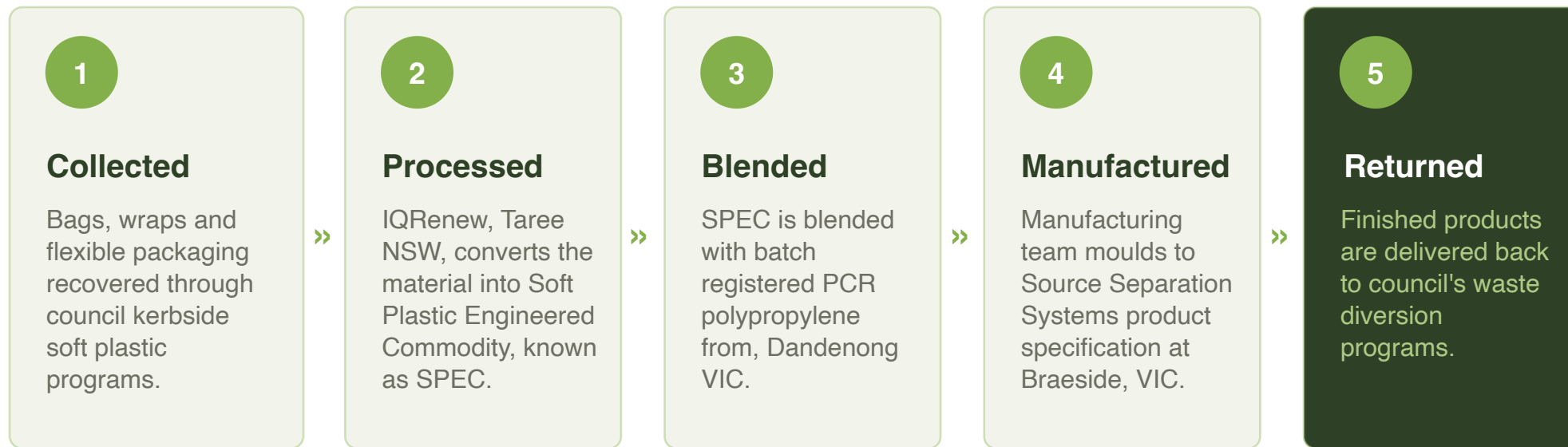
241

Total number of tons of
Australian Recycled
content used in Australian
Manufactured products in
the past 12 months



Kerbside soft plastics, back into kerbside product

Post-consumer soft plastics collected through council programs are processed into a high-grade manufacturing feedstock, then injection moulded into the same FOGO products those councils buy back.



Every product in our recycled range can be verified back to the processing facility that produced its feedstock.



Traceable to the batch, proven in production

Order to invoice traceability

- 1 Council order specifies the required colour and recycled content.
- 2 Production scheduled to meet specification.
- 3 SPEC material sourced from IQRenew.
- 4 IQRenew dispatches with a docket confirming composition.
- 5 We invoice the council referencing the material used.
- 6 Circular Economy in Action leading to a great community engagement story

Delivered, December 2025

30%

IQRenew soft plastic content in MultiStack 25L bins supplied to Hornsby Shire Council, with a total blend at 30% SPEC Material and 69% PCR Polypropylene Material.

The honest constraint: colour

Recycled SPEC and recycled polypropylene are currently only achievable in darker colours such as grey and black, so any white or light coloured component must still be moulded from virgin material.

OUR RECYCLED RANGE

Four products available now with recycled content



7L Kitchen Caddy
KCAD-7-CUST

37% recycled SPEC and 37% recycled polypropylene in the grey base, with a white lid and handle. A fully recycled grey or black lid and handle option is also available.



5L Compact Caddy
KCAD-5-CUST

25% recycled SPEC and 52% recycled polypropylene in the base. A fully recycled option is available at 25% SPEC and 75% recycled polypropylene, with no virgin content.



MultiSort 60L Base
MS-60-RCG

34% recycled SPEC and 66% recycled polypropylene. Fully recycled, no virgin content, supplied in grey.



MultiStack 25L Bin
MST-25-CUST

30% recycled SPEC and 70% recycled polypropylene. Fully recycled, no virgin content, supplied in grey.

All four are made in Australia, carry a two-year warranty against manufacturing defects, and the Kitchen Caddy's can take a full colour in-mould label for council branding and resident education.

IN DEVELOPMENT

Coming next: the Bin Fence Enclosure



Bin Fence Enclosure, stainless steel frame with horizontal slats, shown in the current timber slat configuration.

NOT YET AVAILABLE

A recycled soft plastic composite slat is targeted for early 2027, subject to material trials.

1

What it is

A modular enclosure that screens and secures mobile garbage bins in streetscapes, public places and multi unit developments. The stainless-steel frame is already in service with councils, including Central Coast Council.

2

Why it suits this project

A single enclosure carries far more slat material than any kerbside product we make, so moving the slats to a recycled soft plastic composite would absorb a much greater volume of recovered material per unit.

3

Where it stands today

The composite slat is still in development, and we cannot offer it yet. We would rather flag it now than have a council budget for something that is not ready to supply.

Three things to take away

1

It already works

Recycled soft plastic content is in production now, not in development, and it has already been delivered to a New South Wales council.

2

It is verifiable

Every order can be traced back through the dispatch docket and invoice chain to the exact batch of feedstock that produced it, so the recycled claim is auditable.

3

It scales with you

Aggregated council demand is the one input that lets us schedule recycled batches more often, more predictably, and across more product categories.

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