



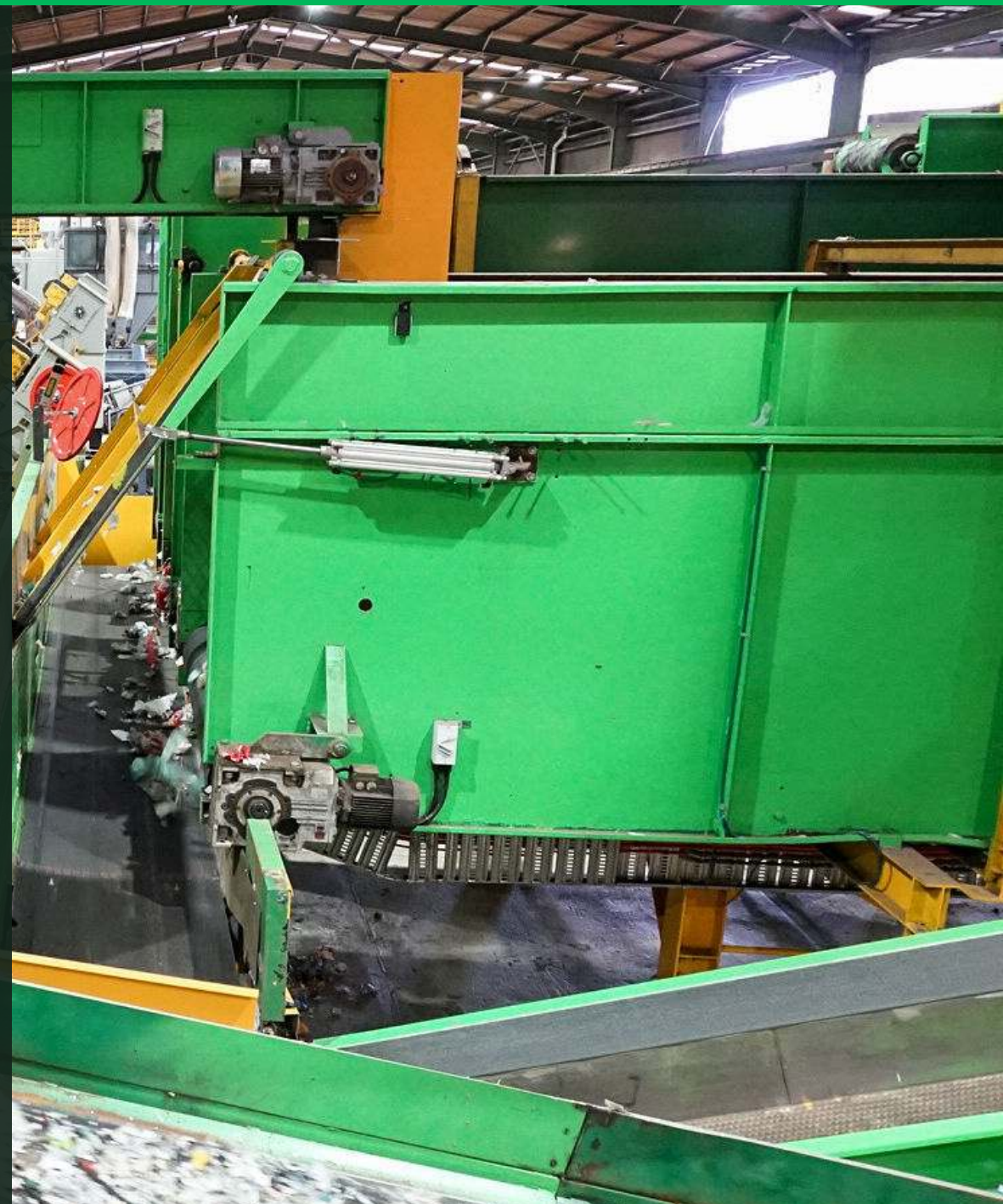
SPEC

How iQRenew turns post-consumer soft plastics into engineered commodity

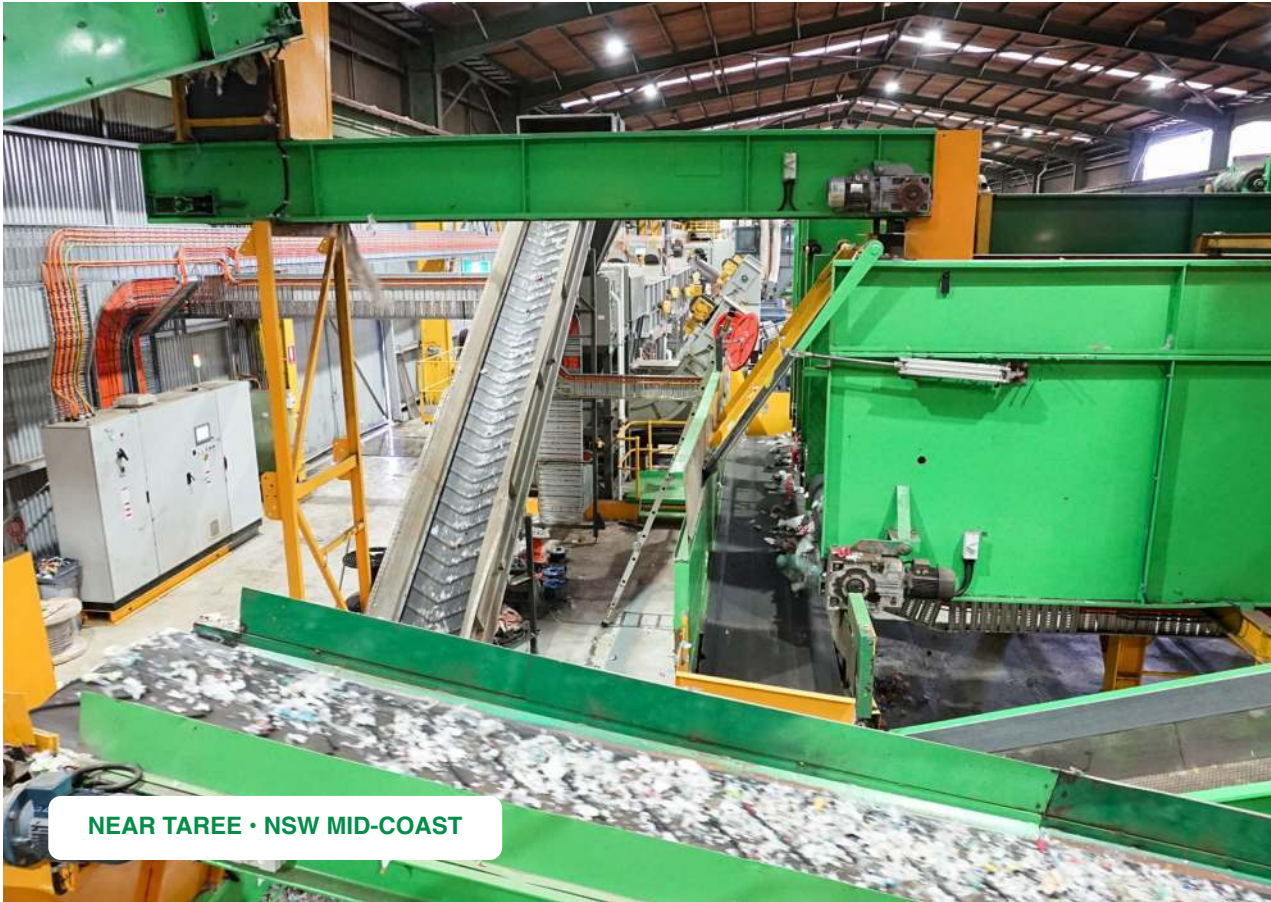
What iQRenew has done to address Australia's soft plastic recycling needs

Soft Plastic Stewardship Australia | 19 August 2026

Graham Knowles | General Manager, iQRenew



The missing link in Australia's recycling infrastructure



A purpose-built Australian facility

- ✓ Dedicated to 100% post-consumer soft plastics
- ✓ Built after more than five years of testing, trials, investment and innovation
- ✓ Designed to support both mechanical and chemical recycling capacity

SPEC Soft Plastic Engineered Commodity

PELLET

FLAKE

SHRED

The facility is currently focused on non-food-grade mechanical recycling opportunities.

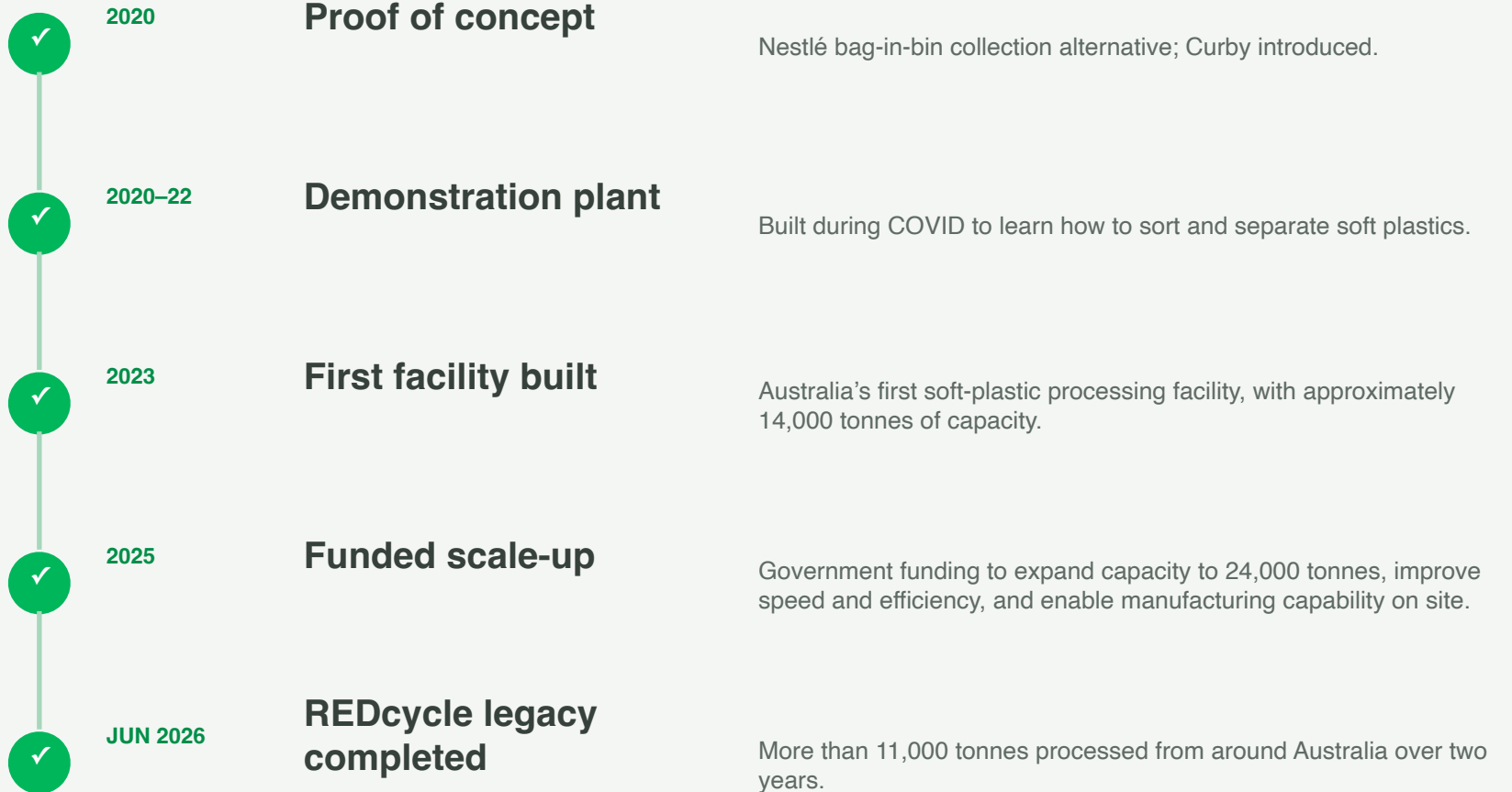
Built through proof, learning and scale

5+ YEARS

of testing, trials,
investment and
innovation



PROOF → DEMONSTRATION →
SCALE



REDUCING LANDFILL

DISPLACING VIRGIN PLASTIC

BUILDING BUY-BACK PARTNERSHIPS

From post-consumer soft plastic to usable feedstock



1 POST-CONSUMER INPUT

Soft plastics enter the sorting and processing system.



2 SORT & SEPARATE

The process separates material into usable recycling streams.



3 PROCESS

Material is prepared into consistent engineered commodity.



4

PRODUCE THREE OUTPUTS

**SPEC PELLETT****SPEC FLAKE****SPEC SHRED****Current focus****Non-food-grade mechanical recycling opportunities****Also supports****Chemical recycling capacity**

Three engineered commodities



SPEC PELLET

Consistent recycled feedstock in pellet form.



SPEC FLAKE

Processed recycled material in flake form.



SPEC SHRED

Processed recycled material in shred form.

Product credentials

100% recycled post-consumer soft plastic

Australian made and owned

Global Recycled Standard (GRS) certified

ReMade in Australia

Made into this — and more



Collection bags and packaging formats

Durable household and public-space products

Seating, profiles, structures and components

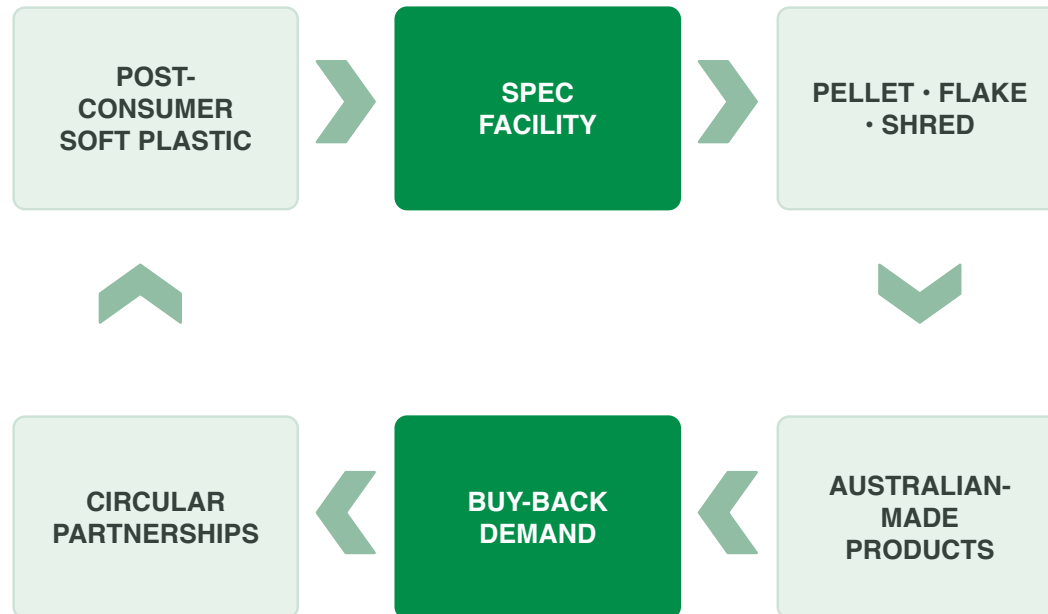
Buy-back partners help close the loop by purchasing products made with recycled content.

SPEC in action



A circular model that can scale

FROM MATERIAL TO MARKET



Together, processing capacity and buy-back partnerships support a functioning circular economy.

14,000 t

processing capacity built in 2023

24,000 t

funded expansion target

11,000+ t

REDcycle legacy processed from around Australia

SPEC provides the processing link.

Scale and end-market demand complete the system.

Policy context

1

Waste Export Ban

Domestic processing capacity must be part of Australia's recycling response.

2

Mandatory packaging reform

Packaging companies should pay the costs associated with packaging placed on the market.

3

Household cost

Households already bear these costs.

4

Fed Govt in-Action

Not in this term of Govt – promised for past 4 years.

