

Government Accreditation of Industry and Business-led Product Stewardship Initiatives



**Product
Stewardship
Centre of
Excellence**

Webinar, 16 June 2021

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Product Stewardship Centre of Excellence



@stewardshipAU

Today's speakers



David Garner
*Department of Agriculture, Water
and the Environment*



Spyro Kalos
MobileMuster



Lina Goodman
Tyre Stewardship Australia





Australian Government
Department of Agriculture,
Water and the Environment

Government Accreditation of Voluntary Product Stewardship Schemes

Product Stewardship Centre of Excellence Webinar

David Garner
Special Adviser
Product Stewardship Policy &
Reform

16 June 2021





Recycling and Waste Reduction Act 2020

The Act's objects are:

- reducing the impact of human and environmental health of Australia's waste, waste exports and products
- realising the economic and community benefits of taking responsibility for our own waste
- developing a circular economy
- meeting our international obligations

Recycling and Waste Reduction (Product Stewardship – Accreditation of Voluntary Arrangements) Rules 2020





Government Accreditation Objective

- Encourage and support industry-led product stewardship schemes
- Streamlined application process
 - New application form and guide
 - Apply at any time
 - Reduced administration - no requirement for audited financial statements
 - Annual reporting requirements
 - Reduced application fee - \$5,900
 - Product Stewardship Centre of Excellence
 - National Product Stewardship Investment Fund





Application Criteria

- Outline clearly
 - What the Arrangement is
 - Why it is a product stewardship arrangement
 - How the Arrangement meets the objects of the Act
 - Who is participating – manufacturers/importers are key members





Why seek Government Accreditation of Industry-Led Product Stewardship Arrangements?

- Tick of approval that arrangement has capacity and commitment to Australia's recycling and waste reduction objectives
- Give consumers confidence that waste products disposed correctly are being recycled, reused etc
- Stronger and better performing arrangements will encourage 'free riders' to join
- Encourage State, Territory or local governments to become involved
- Demonstrate sustainability claims for government procurement activities





Government accredited industry-led arrangements



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MobileMuster

Government Accredited
Product Stewardship Scheme



Spyro Kalos

Recovery &
Recycling
Rates of
>95%

Industry
Participation
over 90%

Disposal
to landfill
3%

Accredited
since 2014

ESTABLISHED IN 1998

BARRIERS

1 in 3 data
concerns

1 in 4 no
trust in
recycling
process

ACCOUNTABILITY

Transparent

Measurable
Outcomes



Australian
Government
Accredited
Product
Stewardship
Scheme

TARGETS | FY19.20 to FY23.24

Performance Indicator	FY19/20	FY20/21	FY21/22	FY22/23	FY23/24
Collections					
Mobile Phone Collections (weight - tonnes)	82	84	85	76	73
Annual Collection Rate Available Phones	55%	56%	58%	60%	62%
Recycling					
Diversion From Landfill	>95%	>95%	>95%	>95%	>95%
Recycling Rate (Material Recovery)	>90%	>90%	>90%	>90%	>90%
Consumer Behaviour					
Disposal to Landfill Rate	2%	2%	2%	2%	2%
Accessibility	>80%	>80%	>80%	>80%	>80%
Industry Participation					
Manufacturers	>80%	>80%	>80%	>80%	>80%
Carriers	>80%	>80%	>80%	>80%	>80%

PROGRAM PERFORMANCE | FY19.20

Performance Indicator	Target	Result
Collections		
Mobile Phone Collections (weight – tonnes)	82	84.7
Annual Collection Rate Available Phones	55%	40%
Recycling		
Diversion From Landfill	>95%	98%
Recycling Rate (Material Recovery)	>90%	98%
Consumer Behaviour		
Disposal to Landfill Rate	2%	3%
Accessibility	>80%	96%
Industry Participation		
Manufacturers	>80%	92%
Carriers	>80%	95%

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Tyre Stewardship Australia



Accreditation

Tyre Stewardship Australia

Accredited Arrangement – What it means to TSA.

Our vision is a circular economy for end-of-life tyres which contributes to a sustainable society.

Our mission is to collaboratively ensure the sustainable management, recycling and productive use of end of life tyres.



The Contributing BRANDS

BRIDGESTONE

Continental

GOODYEAR DUNLOP
GOODYEAR DUNLOP TYRES • AUSTRALIA NEW ZEALAND

KUMHO TYRE

MICHELIN

PIRELLI

TOYO TIRES

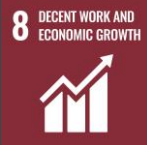
YOKOHAMA



Mercedes-Benz



PORSCHE



450,000 tonnes of used tyres
(56 million used EPU)



190,000 tonnes

were passenger & motorbike tyres
(23.7 million used EPU)



158,000 tonnes

were truck & bus tyres
(19.7 million used EPU)



118,000 tonnes

were off-the-road tyres
(14.7 million used EPU)



Recovered 323,000 tonnes
(40.3 million used EPU) (69%)

- **85,000 tonnes**
(10.6 million used EPU) for reuse
- **190,000 tonnes**
(23.8 million used EPU) for processing
into tyre derived products
- **48,000 tonnes**
(5.9 million used EPU) for use whole
in thermal processing

Disposed to landfill or onsite

130,000 tonnes (16.2 million used EPU) - 28%

Dumped or stockpiled

13,000 tonnes (1.6 million used EPU) - 3%



End-of-life tyre recovery rates in the passenger & truck sector are exceeding the 2018 National Waste Policy target, set at 80%



Passenger & motorbike tyre
recovery rate of 89%



Truck & bus tyre
recovery rate of 89%



Off-the-road tyre (OTR)
recovery rate of 11%

Total end-of-life tyre recovery rate of 69%



259,000 tonnes
(33.3 million used EPU)
were recovered for use
in export markets

Of the estimated 259,000 tonnes in
2018-19 recovered for export markets:

131,000 tonnes
(16.3 million used EPU) were
reprocessed & exported

128,000 tonnes
(16.0 million used EPU)
where exported whole

80%



TSA Participants			
Participant category	No.	% of Market	Target (2023)
Tyre Importers	9	Approx 50% total volume	80%
Auto-brands	3	6%	75%
Retailers	1,600	65%	75%
Collectors	11	98%	80%
Recycler / Collectors	22		
Fleet	5	Unkown	No target set
Local Government	17	3%	No target set



Now we are accredited – what now?

- Logo use
- Free Riders
- Participants
- Market Development recipients
- Procurement leverage
- Legitimacy and encouragement
- Global engagement
- Product Stewardship Leadership





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Questions & Answers