

Briefing on the Establishment of the Waste Bureau PCEA

16th August 2018



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PRESENTATION OUTLINE

- Functions of the Bureau in terms of NEMWA
- NEMWA: Waste Tyre Regulations, 2017
- The Waste Bureau Human Resources
- Waste Bureau Q1 Performance
- Treasury Approval for procurement
- Current Waste Tyre Operations Tenders
- Detailed Operational Performance (April – June 2018)



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Functions of Bureau

The Waste Bureau functions are as follows:

1. The Bureau must:

- (a) Implement the disbursement of incentives and funds derived from waste management charges
- (b) Identify and promote best practices in the minimisation, re-use, recycling or recovery of waste;
- (c) Progressively build capacity of the Bureau to support municipalities in the development and implementation of integrated waste management plans and capacity building programmes;
- (d) Support and advise on the development of industry waste management plans, integrated waste management plans and other tools, instruments, processes and systems, including specialist support for the development of norms or standards for the minimisation, re-use, recycling or recovery of waste and the building of municipal waste management capacity;



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Functions of Bureau conti...

- (e) Monitor the implementation of industry waste management plans;
- (d) Monitor and evaluate the impact of incentives and disincentives; and
- (e) Perform any other task or function that the Minister may assign or delegate to the Bureau in relation to the implementation of this Act.

2. The Bureau may:

- (a) Invest any of its money, after having compiled with section 34F(2); and
- (b) Charge fees for services rendered, other than services rendered in terms of section 13A or to the Minister or the department



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NEMWA: WASTE TYRE REGULATIONS

The Waste Tyre Regulation gazette 2017 intended to provide transitional arrangement in the event that a waste tyre management plan expires, be withdrawn or be terminated.

1. In the event that a waste tyre management plan expires, be withdrawn or be terminated for any reason whatsoever and at the time there exists no other industry waste management plan in terms of section 28 or 29 of the Act for the same or substantially the same waste stream

(a) the Bureau shall be responsible to facilitate, supervise and control the management of waste tyres for the interim until a new industry waste tyre management plan is approved in terms of section 28 or 29 of the Act;

(b) the Bureau may, in accordance with the provisions of these Regulations, issue instructions in writing for the management of waste tyres on such terms and conditions, which instruction must be complied with within the time frame stated in such instruction;

(c) all participants that were registered with the waste tyre management plan upon the expiry, withdrawal or termination thereof, shall in the interim register with the Bureau.

(2) From the date of registration with the Bureau, all tyre producers must on a quarterly basis, at the same time that their declarations are submitted to the South African Revenue Service, submit to the Bureau the very same declaration in respect of the quantity of tyres produced or imported.

(3) The Bureau must establish a waste tyre forum with all affected industry to deal with governance and operational matters pertaining to the management of waste tyres during the interim until new industry waste tyre management plan is approved terms of section 28 or 29 of the Act.



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WASTE BUREAU HUMAN RESOURCES

START MONTH	NO OF STAFF	FUNCTIONS
OCTOBER 2017	4	<ul style="list-style-type: none"> Logistics Specialists Micro-Collectors and Micro Depots Specialists Waste Information Officer Depot Operation Specialist Extended Producer Responsibility Regional Coordinators Call Centre Management Business Development & Knowledge Management Small Medium Micro Enterprise Development Extended Producer Responsibility Storage and Processing Operations Admin Support
NOVEMBER 2017	2	
DECEMBER 2017	8	
JANUARY 2018	8	
FEBRUARY 2018	5	
MARCH 2018	5	
APRIL 2018	2	
TOTAL	34	



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WASTE BUREAU Q1 PERFORMANCE

Strategic Objective: Threats to environmental quality and integrity managed

Performance indicator	Annual Target (2018/19)	1 st Quarterly target (2018/19)	1 st Quarter Progress	Challenges and Corrective measures
Percentage of waste tyres diverted from landfill sites	50% of waste tyres (85 133 tons of 170 266 estimated waste tyres arising)	Q1: 8% (13621 of 85 133)	Q1: 6.5% tonnages processed 11 145 of 13 621 (11 145/170 266 x 100)	Disproportionately low processing capacity and processing capacity unevenly distributed throughout the country
Percentage of waste tyres collected	42% (72000 tons of 172 000) 72000 tons	Q1: 9% - 15324	Q1: 27 608 tons	
Number of micro-collectors and waste pickers benefiting in recycling programme	250 registered micro-collectors	Q1: 200	Q1: 247 Micro collectors registered	
	150 waste pickers equipped with tools of trade)	Q1: Procurement and distribution of tools of trade to 150 waste pickers	Q1: The tools of trade has been delivered to the department.	The project is scheduled to be launched in August 2018 where the tools will be distributed to the beneficiaries.

 = Achieved

 = Partially Achieved

 = Off target

 = No milestone



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SO3: GROWTH IN INDUSTRIES THAT DEPEND ON ENVIRONMENTAL SERVICES

Strategic Objective 3: Growth in Industries that depend on environmental services

Performance indicator	Annual Target (2018/19)	1 st Quarterly target (2018/19)	1 st Quarter Progress	Challenges and Corrective measures
Number of jobs created in the tyre sector	1000 jobs created	Q1–Q4: 250 per quarter	Q1: 376 jobs created (229 jobs in transportation & 147 jobs in depots)	None
Number of SMMEs contracted	207 SMMEs contracted	Q1: 50 SMME's	Q1: 160 (18 cooperatives, 77 transporters, 23 Depots, 10 Processors and 32 Secondary Industries)	None



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■ = Achieved

■ = Partially Achieved

■ = Off target

■ = No milestone

TREASURY APPROVAL FOR PROCUREMENT

- National Treasury approved 12 months contracting period for existing REDISA operators who registered on Waste Bureau Database.
- The 2018/19 procurement plan submitted to National Treasury included Waste Bureau work in terms of Waste Tyre Regulations



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WASTE BUREAU CURRENT TENDERS

The following waste tyre operations tenders were advertised in May & June 2018, in line with approved procurement plan:

- E1453: Micro-Collectors
- E1455 & E1456: Depot Operators
- E1452: Waste Tyre Storage
- E1457: Waste Tyre Processing
- E1458: Transport Logistics

- ❖ **It is estimated that the tender processes will be concluded between August and Sept 2018.**
- ❖ Processing tender currently under due diligence stage of evaluation. This is high priority to avoid waste tyres piling up at depots
- ❖ Treasury approval was limited to active operations under REDISA
- ❖ The current tender is aimed at capturing all existing capacity, as well as prospective processors



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Detailed Operational Performance April-June 2018



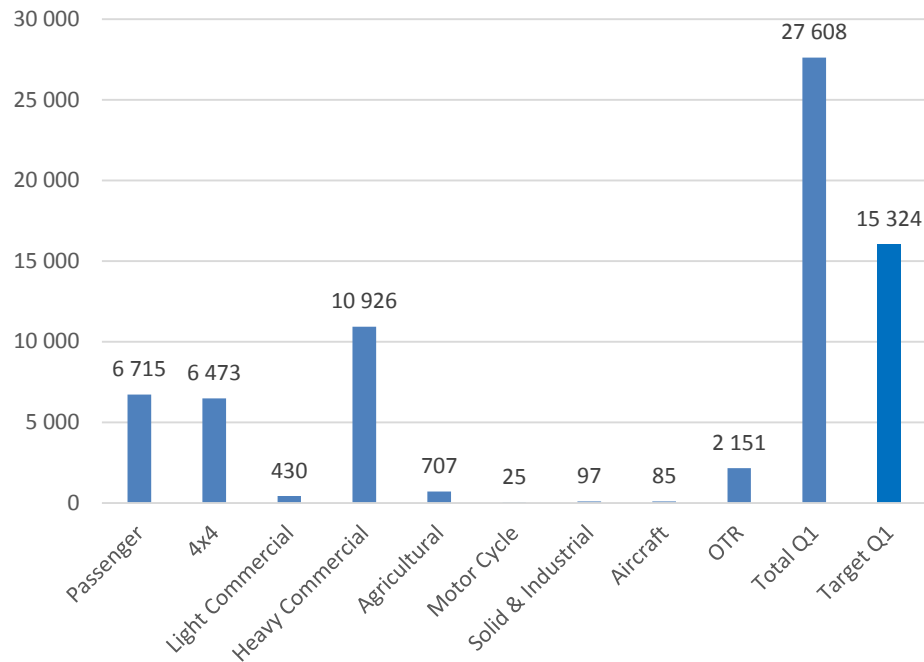
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Operational Performance Apr-June 2018

Waste Tyre Collections (Tons) April-June18



About 27.6kTons of waste tyres were collected against a target of 15.3kTons. Tyres collected were mainly truck, passenger, 4x4, and OTR

Tyre Type	Collected (Tons)	Contribution %
Passenger	6 715	24%
4x4	6 473	23%
Light Commercial	430	2%
Heavy Commercial	10 926	40%
Agricultural	707	3%
Motor Cycle	25	0%
Solid & Industrial	97	0%
Aircraft	85	0%
OTR	2 151	8%
Total Q1	27 608	100%
Waste Tyre Collections Q1 Target (Tons)	15 324	
Estimated Waste Tyres Arising	170 227	
Collections as % WT arising Q1 Actual	16,2%	
Collections as % WT arising Q1 Target	9,0%	
Collections as % WT arising Q1 Annualised	64,9%	
Collections as % WT arising Oct17-Mar18 Annualised	54,4%	
Collections as % WT arising Annual Target	50,0%	

Collections performance is ahead of target and when compared to last Financial Year



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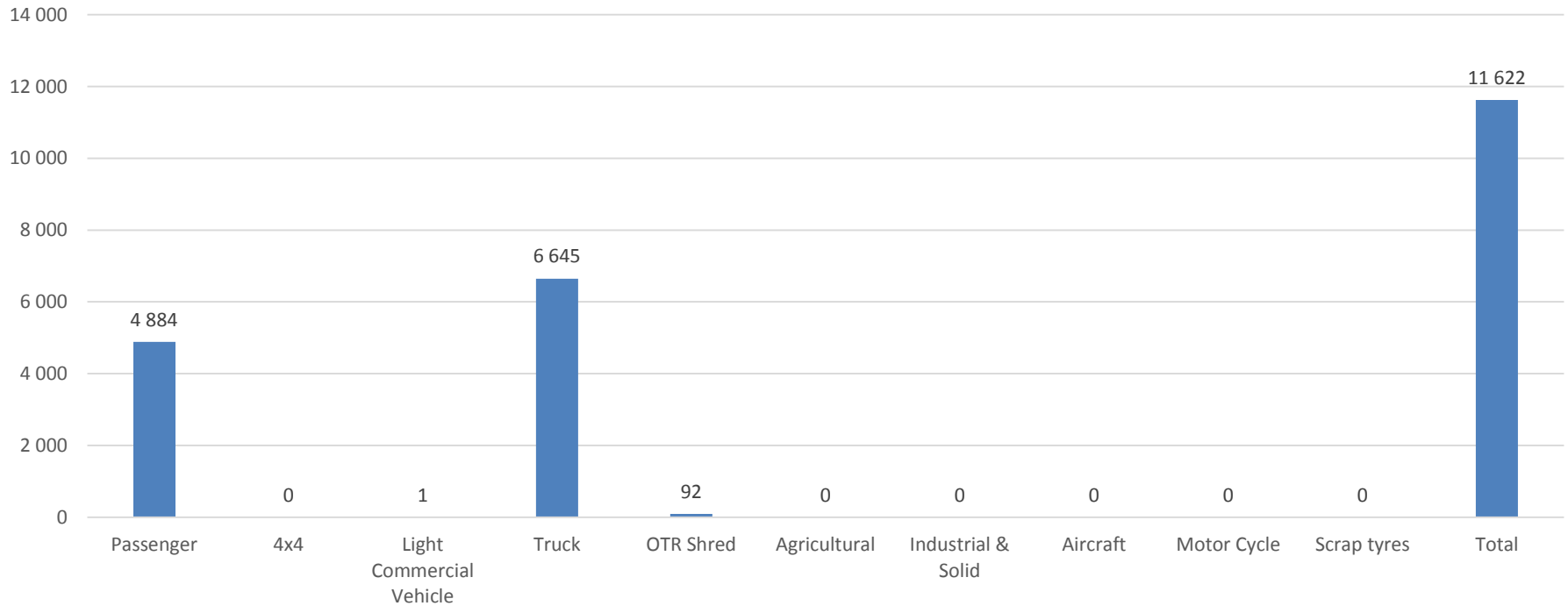
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Waste Bureau Operational Performance

Waste Tyres Delivered for Recycling (Tons) Apr-June 2018



Waste tyre deliveries to processors totaled 11.6KTons, comprising mainly of Truck and Passenger tyres as well as OTR shred



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Waste Bureau Operational Performance

Collections Vs Deliveries to Processors Apr-June18

	Volume	Units
Collections	27 608	Tons
Deliveries to Processors	11 622	Tons
Collections NOT processed	15 986	Tons
Processor Deliveries as % collections	42%	%

Waste tyres deliveries to processors comprised about 42% of collections, with the remaining waste tyres having to be accommodated at depots



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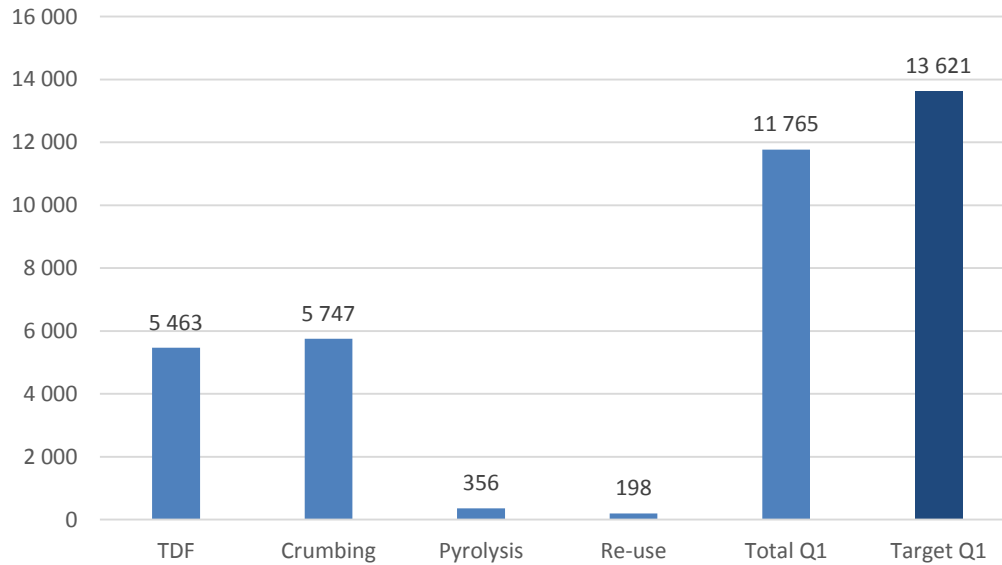
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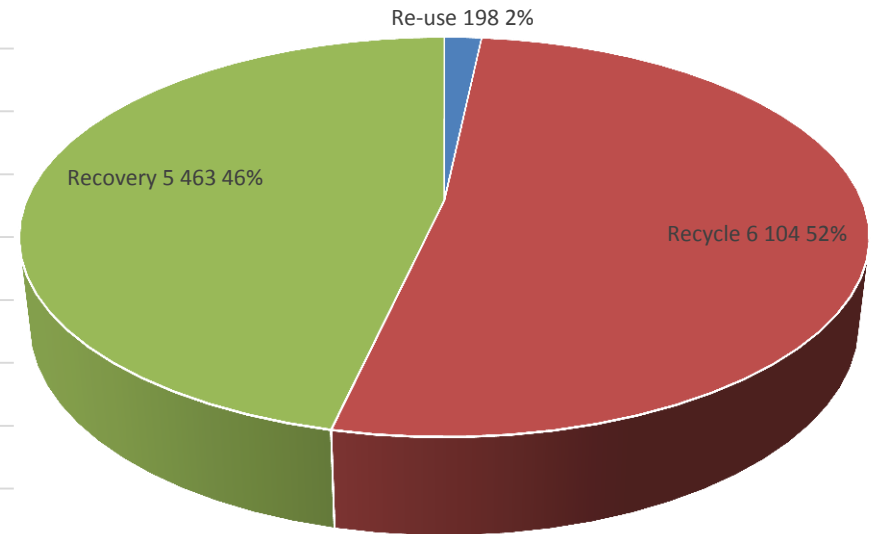
Operational Performance April-June 2018

Actual Waste Tyres Processed (Tons)



About 11.8kTons were recycled during the period against a target of 13.6kTons, with tyre derived fuel (mainly cement kilns) and crumbing being the main contributing recycling technologies

Waste Tyres Recycling per Waste Hierachy



Recycling and Energy recovery were the main contributors in terms of the waste hierarchy categorization.



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WB Vs Redisa Operational Performance

Actual Waste Tyres Recycled April – June 2018

Per Waste Hierarchy	Recycled (Tons) Apr-June18	Contribution %
Re-use	198	2%
Recycle	6 104	52%
Recovery	5 463	46%
Total Q1	11 765	100%
Waste Tyre Recycling Q1 Target (Tons)	13 621	
Estimated waste tyres arising	170 266	
Recycling as % WT arising Q1 Actual	6,9%	
Recycling as % WT arising Q1 Target	8,0%	
Recycling as % WT arising Q1 Annualised	27,6%	
Recycling as % WT arising Oct17-Mar18 Annualised	21,5%	
Recycling as % WT arising Annual Target	50,0%	

The recycling rate as % waste tyres arising for Q1 was 6.9% compared to a target of 8.0%. On an annualized basis, recycling as % WT arising was 27.6% compared to a target of 50% and a recycling rate of 21.5% for previous Financial Year (Oct17-Mar18).



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Q1 Operational Performance Summary

- Collections targets for Q1 were exceeded
- Recycling targets for Q1 not achieved (11.8k Tons Vs 13.6k Tons).
Shortfall due to *inter alia*:
 - Reduced Waste Tyre processing by pyrolysis plants due to low demand, relocation of one plant, Bloemfontein eviction, etc
 - Processor downtime due to maintenance, plant changes, etc
- Current processing tender will assist create additional capacity
- Improvements in both collections and processing compared to previous Financial Year



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Baling Equipment Improves depot capacity



Example:

Hammersdale
Depot, KZN

08 August 2018



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Thank you



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