

MEETING AGENDA

Meeting/Project Name:	Public Hearings on The Waste Tyre Management Plans		
Date of Meeting: (MM/DD/YYYY)	31/05/2018	Time:	09h00
Meeting Facilitator:	Chairperson: Ms L Makotoko	Location:	Protea Hotel Marriott, The Ranch

Meeting Objective

- To give an overview of Extended Producer Responsibility in relation to Tyre Industry Plan
- To provide equal opportunity to all plan owners to present an overview of their submissions
- To provide equal opportunity to all interested and affected parties to engage on the submitted plans
- To provide a forum for open dialogue in order to clarify ambiguities and challenge plan owners on the sufficiency of the plan in line with overall national environmental strategy
- To provide an update from the Waste Bureau and information on the current network of tyre operations, infrastructure and participants with due compliance to Promotion of Access to Information Act (PAIA) and Personal Information Act (POPI)

3. Meeting Agenda	
Topic	Owner
Opening and Welcome	Limpho Makotoko, Chairperson, COO, DEA
Apologies	Limpho Makotoko, Chairperson, COO, DEA
Purpose of the meeting	Limpho Makotoko, Chairperson, COO, DEA
DEA presentation on regulations and the S28 notice	Sibusiso Shabalala, Director, DEA
Presentation on litigation and liquidation: REDISA	Vanessa Bendeman, Chief Director, DEA
Presentation—EPR vision and outlook for the tyre industry	Kgauta Mokoena, Chief Director, DEA
Presentations on the proposed Waste Tyre Management Plans	
SATRUCO	Hugh Mtshali, CEO
Question and answer session	Interested and affected parties, SATRUCO
TWAMISA	Zuzana Hegerova, Plan Proponent
Question and answer session	Interested and affected parties, TWAMISA
JPC Energy	Not in attendance
Question and answer session	Interested and affected parties, JPC
Evergreen Pty (Ltd)	Not in attendance
Question and answer session	Interested and affected parties, Evergreen
Waste Management Bureau operations	Nolwazi Tetyana, Specialist Advisor
Discussions	Interested and affected parties, Waste Management Bureau
Way forward	Limpho Makotoko, Chairperson, COO, DEA
Closure	Limpho Makotoko, Chairperson, COO, DEA

MEETING MINUTES

Meeting/Project Name:	Public Hearings on The Waste Tyre Management Plans		
Date of Meeting: (MM/DD/YYYY)	31/05/2018	Time:	09h00
		Location:	Protea Hotel Marriott, The Ranch
Attendance at Meeting¹			
Name	Role	Department/Division	
Limpho Makotoko	COO	Department of Environmental Affairs	
Kgauta Mokoena	Chief Director	Department of Environmental Affairs	
Sibusiso Shabalala	Director	Department of Environmental Affairs	
Mark Pearce	Director of Litigation	Department of Environmental Affairs	
Nolwazi Tetyana	Specialist Advisor	Waste Management Bureau	
Hught Mtshali	CEO	SATRUCO	
Nathi Gaisa	Chairperson	SATRUCO	
Nomathemba Khubeka	Board member	SATRUCO	
Johann Lehmann	COO	SATRUCO	
Zuzana Hegerova	Plan Proponent	TWAMISA	

¹ Attendance register captured is not exhaustive. This list therefore only contains the names of the presenters and Department representatives.

Meeting/Project Name:	Public Hearings on The Waste Tyre Management Plans		
Date of Meeting: (MM/DD/YYYY)	31/05/2018	Time:	09h00
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Summary of presentations			
Topic	Owner		
<p>Opening & Welcome</p> <p>Purpose and background for an industry waste management plan:</p> <ul style="list-style-type: none"> We are not hosting sessions in Mpumalanga and the Northern Cape due to the fact that we believe those participants could easily participate in the Pretoria or Polokwane and Free State or Western Cape sessions respectively We want to ensure that everyone in this audience understands that these sessions are being recorded The intentions of these hearings is to review submitted plans however plan proponents may communicate planned changes in this forum and resubmit amended plans based on inputs from these processes Minister made a call for Industry Tyre Waste Management Plans with a deadline of 31 December 2017, in terms of NEMA Waste Act, S28 Sessions have been arranged in 7 provinces within the period of 30 days, taking into account the geographic spread The Department is required to follow due process and thus the sessions are recorded <p>Communicated purpose of the sessions:</p> <ul style="list-style-type: none"> To give an overview of Extended Producer Responsibility in relation to Tyre Industry Plans To provide equal opportunity to all plan owners to present an overview of their submissions To provide equal opportunity to all interested and affected parties to engage on the submitted plans To provide a forum for open dialogue in order to clarify ambiguities and challenge plan owners on the sufficiency of the plan in line with overall national environmental strategy To provide an update from the Waste Bureau and information on the current network of tyre operations, infrastructure and participants with due compliance to PAIA and POPI regulations, due to the fact that we have asked plan proponents how they aim to incorporate current operations 	<p>Limpho Makotoko, Chairperson, COO, DEA</p>		
<p>Facilitators introduced themselves and the house rules. They communicated that:</p> <ul style="list-style-type: none"> Questions open to the floor shall be limited to ONE question per person per round, in order to allow as many participants as possible to voice their views When asking a question or presenting a statement, please state your name and organisation for the record Times allotted to tea breaks and lunch shall be respected to maintain all objectives of the programme Please respect speakers and plan owners as they speak – allow them to make their point 	<p>Lindiwe Gadd, Independent Facilitator</p>		

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<p>DEA Presentation on Regulations and the S28 Notice</p> <p>DEA presented an overview of regulations for an industry waste tyre management plan:</p> <ul style="list-style-type: none"> • The National Environmental Management: Waste Act No. 59 of 2008 (NEMWA) regulates waste management in South Africa. • S28(1) empowers the Minister to require a person or category of persons that generates waste to prepare and submit an industry waste tyre management plan. • In terms of this section the Minister called on tyre producers, any other person, category of persons or industry that generates waste (and by implication persons who have the support base of waste generators) to submit waste tyre management plans. <p>DEA communicated the terms and process for the public consultations:</p> <ul style="list-style-type: none"> • Based on section 32 (5A) of NEMWA, provisions are made for a consultation process • Section 31 (1) allows the Minister to: <ul style="list-style-type: none"> ○ approve a plan in writing on certain conditions and give directions on the implementation of the plan ○ require additional information to be submitted ○ require amendments to be made to the plan ○ reject the plan with reasons and if it does not meet the requirements of the notice published in terms of section 28 <p>DEA communicated regulatory provisions for a transitional plan:</p> <ul style="list-style-type: none"> • Regulation 12 provides for transitional arrangements in the event that a waste tyre management plan expires, is withdrawn or is terminated and at the time there exists no other industry waste management plan. • In this case, the Waste Management Bureau shall be responsible to facilitate, supervise and control the management of waste tyres in the interim until a new industry waste tyre management plan is approved. • The Bureau may issue instructions for the management of waste tyres, which instructions must be complied with within the timeframe stated in such instruction. • All participants registered with the previous waste tyre management plan shall in the interim register with the Bureau. • All tyre producers must submit to the Bureau the same declarations that they submit to SARS in respect of the quantity of tyres produced or imported, on a quarterly basis. • 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 a new industry waste tyre management plan is approved. 			<p>Sibusiso Shabalala, Director, DEA</p>

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<p>Presentation on litigation and liquidation: REDISA</p> <p>DEA presented the series of events with regards to REDISA's liquidation and litigation status:</p> <ul style="list-style-type: none"> • On the 1st June 2017, Minister brought an application to provisionally liquidate REDISA • On the 8th June 2017, Minister brought an application to liquidate Kusaga Taka Consulting (KTC) • Both companies were placed under provisional liquidation on the respective dates • On the 9th June 2017, Minister obtained a provisional liquidation order against the Product Testing Institute (PTI). The return date has been extended, by agreement, to 12th October 2018 pending the finalisation of the appeals lodged with the Supreme Court of Appeal (SCA) on REDISA and KTC • On the 15th September 2017, High Court placed both REDISA and KTC under final liquidation • REDISA and KTC applied for leave to appeal to the Supreme Court of Appeal (SCA) against the entire judgement and order • The SCA granted the leave to appeal on 14th February 2018. The matter has not yet been allocated a date for hearing by the SCA <p>DEA communicated the performance of the plan between June and September 2017, under the care of the liquidators:</p> <ul style="list-style-type: none"> • Record of active participants as at June 2017 is as follows: <ul style="list-style-type: none"> ○ 499 micro-collectors ○ 78 transporters ○ 20 depots ○ 15 processors • Total tonnages collected between June and September 2017: <ul style="list-style-type: none"> ○ 29 203.50 tonnes ○ 16 886.66 tonnes • Cash resources of REDISA at date of provisional liquidation were R178 547 943 (1st June 2017) • Cash resources of REDISA at date of cessation of operations (30th September 2017) were R82 451 332 <p>DEA communicated status of assets in line with the liquidation process:</p> <ul style="list-style-type: none"> • All REDISA's assets are securely stored, except those which are being used by the WMB as per the interim arrangement • Provided the final liquidation order is upheld by the SCA, provisional liquidators can begin disposal of assets and finalising creditors' claims • Provisional liquidators will lodge a liquidation and distribution account with the Master of the High Court in relation to the administration of REDISA 			<p>Mark Pearce, Director, DEA</p>

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Question	Owner		
<p>Question 1: In your presentation, you allude to the fact that some of the assets that belonged to REDISA are currently in use.</p> <p>A. Who is currently using those assets and under what authority? B. Are there any claims by current participants on some of those assets?</p> <p>Answer 1: A. The Head of the Waste Bureau will answer the use of those assets and rights thereof. B. Regarding claims on the assets, I'm not sure on claims against specific assets but there are claims from transporters against salaries etc. The Department has submitted a claim. The process is on hold because of the appeal put through to the Supreme Court of Appeal (SCA) by REDISA.</p> <p>In the liquidation process, you would have a magistrate who is appointed as a presiding officer who will then hear submission on claims. Should you be given an approved claim, you can vote on a final liquidator. We don't have the details of the claims but there is a list of claims against REDISA and the detail of that is on the SAWIC website.</p> <p><i>Answer from Nolwazi, Tetyana Waste Management Bureau</i></p> <p>A. There are balers, <i>shredding</i> machines, as well as forklifts in some of the depots which were rented by REDISA. We made a list of equipment for the liquidators, which we requested to retain for the operations, under the assumption that we would be able to lease that equipment. The agreement never took place; however the equipment is being used in the existing operations.</p> <p>We do not know what will happen to that equipment if REDISA's appeal is upheld, which is why we began the process of procuring equipment.</p> <p>B. Regarding claims by participants – we are aware that there were various disputes between REDISA and participants. There were leasing agreements that were meant to occur and some of the arrangements fell through as the liquidation occurred. Some participants have lodged complaints with the BEE commission.</p> <p><i>Interjection from Lindiwe Gadd, Facilitator</i> I would like to caution us all to be aware that this matter is still under appeal and several of the issues are sub judice and cannot be discussed in such a forum.</p>	Khotatso Moloi, Waste Tyre Management Forum		
<p>Question 2: My question was asked by the above.</p> <p>Answer 2: N/A</p>	Lebogang Selepe, Waste Tyre Management Forum		

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<p>Question 3: You gave us a total of 499 micro-collectors, whereas we know for a fact that there are only 213 micro-collectors.</p> <p>A. Please specify where the gaps come from?</p> <p>B. Who were the liquidators actually paying if these micro-collectors were not validated to be real participants?</p> <p>Answer 3: Yes, the numbers are not the same and the Head of the Waste Bureau, Nolwazi will answer those questions in detail.</p> <p>Answers by Nolwazi Tetyana from the WMB</p> <p>A. When we started running the operations, during the process of onboarding existing participants, we requested a list of micro-collectors that REDISA was working with. The liquidators provided us with a list of 499 active micro-collectors. We contacted these micro-collectors to consolidate the list and found that some of the identified participants on the list were in fact not participating in the industry, and so we refined the list down to 213 micro-collectors based on confirmation.</p> <p><i>Interjection from Bongani Mthembu, Waste Tyre Management Forum</i> I want to get clarity on the payment towards these absent micro-collectors made out by the liquidators.</p> <p><i>Comment from Nolwazi Tetyana</i></p> <p>B. The spreadsheet reflected payments made out to the 499 participants in the two-month period prior to our handling of the operations. We also drew up a list of equipment we wanted to lease from the liquidators.</p>			Victor Molefe, Waste Tyre Management Forum

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<p>Extended producer responsibility (EPR) vision and outlook</p> <p>DEA communicated summary of the vision:</p> <ul style="list-style-type: none"> • Problem statement identified: <ul style="list-style-type: none"> ○ Opportunity cost of waste, missed opportunities due to poor infrastructure and skills and underfunding ○ Unsafe and unhealthy outcomes imposed on society due to waste produced ○ Pervasive underpricing in the waste economy • Value statement introduced: <ul style="list-style-type: none"> ○ Introduced to begin concerted efforts in waste valorisation (extracting value from waste) ○ Incentivising a recycling economy ○ Creating and promoting jobs in the waste economy ○ Diligence in service delivery ○ Governance and revenues in the waste economy • The desired outcome would be: <ul style="list-style-type: none"> ○ Less waste ○ Diversion of waste ○ Jobs created and sustained ○ The existence of a circular economy ○ Direct benefits to society ○ Streamlined regulatory process • What the circular economy would imply: <ul style="list-style-type: none"> ○ The need for sustainable growth in the context of the growing pressure of production and consumption on the world's resources and environment. ○ Resources kept within the economy when a product has reached the end of its life, so they can be productively re-used repeatedly to create further value • Models for government, industry-managed EPR plans and revenue collection: <ul style="list-style-type: none"> ○ Financial instruments to pass on the burden of waste to producers and consumers, and incentivise waste management efforts by the same groups ○ Instruments include incentives and fees for recycling, taxes on extraction of resources, product taxes for consumers, disposal taxes and EPR fees collected from producers • Provided case studies of EPR policies globally: <ul style="list-style-type: none"> ○ European countries are early adopters and practices contributed to increased recycling rates ○ EPR schemes contributed to reductions of public spending on waste management • EPR role players include PROs, which are individual schemes mostly applied in business-to-business contexts that organise and finance collective producer responsibilities towards waste management 			<p>Kgauta Mokoena, Chief Director, DEA</p>

Meeting/Project Name:	Public Hearings on The Waste Tyre Management Plans		
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<ul style="list-style-type: none"> • The plan also focuses on social objectives of sustainable development which will create jobs, create new SMMEs and contribute to economic growth whilst addressing environmental issues • The plan ensures cradle-to-grave recycling <p>Governance model to implement plan:</p> <ul style="list-style-type: none"> • Includes lessons learnt from previous plan; the governance plan includes Treasury, WMB, DEA • 7 board members with 2 ex officio members and 1 oversight member: <ul style="list-style-type: none"> ○ Legal, HR and Risk ○ Industry rep ○ Finance ○ Technical ○ Comms ○ Including the CEO (ex officio) ○ DT representative (ex officio) ○ A rep from Treasury for oversight input ○ Training and research & development managers and an ICT manager • Collaboration through a new forum for participants in tyre industry to provide inputs into the plan and discuss industry-wide concerns • Other strategic partners to be included: <ul style="list-style-type: none"> ○ WMB ○ Providing a reporting template and getting input from the Bureau on measurements, metrics etc ○ Conduct review sessions etc. • Provincial operations model to address the fact that the plan is a people-centred plan • All provincial plans include the following types of participants: <ul style="list-style-type: none"> ○ Recyclers ○ Transporters ○ Marketing ○ Awareness campaigns ○ Depot collection points <p>Cost allocation to different initiatives (budget):</p> <ul style="list-style-type: none"> • Have established a well-running call centre, with a planned allocation of 0.5% of the budget to grow and maintain call centre • An enterprise development programme with an allocation of 2% <p>How will we measure impact of plan:</p> <ul style="list-style-type: none"> • No. of recyclers, processors, no. of sustainable jobs, no. of sustainable downstream businesses (not specified if newly created business directly related to their efforts) • Database of research and innovation conducted during its operational period • Number of processors developed • SATRUCO's annual reports • SATRUCO's international conference wherein its achievements will be showcased • SATRUCO's real-time data produced by its bespoke IT system • Evidence of its engagement with public and private entities, namely, government departments and support services, business and industry, training institutes, community development service providers, the civic movement and grass roots communities in developing the waste tyre economy 			<p>Nomathemba Khubeka, board member, SATRUCO</p>

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Intended outputs of processing activities:

- Pyrolysis operations
 - HFO
 - Carbon char
 - Steel
- Crumbing
 - Value- added items such as bricks, tiles, inputs for tarred roads
- Intended offtake partners of pre processing activities are energy recovery
- Surplus from pre-processing exported as TDF commodity
- Plan to abate mining and OTR tyres:
 - Address mines' historical stockpiles
 - Address dealers'/mines' arising tyres

Targets for collections and processing:

Let me emphasise that the targets represented are our minimum targets. We will pursue targets greater than this and grow the processes.

- Within 12 months of approval 50% at 69 600 tonnes
- Within 24 months of approval 70% at 87 00 tonnes
- Within 36 months of approval 80% at 121 800 tonnes
- Within 48 months of approval 90% at 156 600 tonnes
- Within 60 months of approval 100% at 174 000 tonnes

Number of jobs and SMMEs to be created in the industry:

- 160 micro-collection co-ops
- 5632 new jobs created

Conclusion:

- Plan responds equitably and responsibly to legislation. It is a cost-effective, transparent model for recycling and a community-focused plan
- Adopts all principles of the circular economy
- Plan ensures social impact – with aspects of the plan requiring implementation at the community level
- Encourages innovation through its partnerships with scientific bodies in a bid to make South Africa globally competitive
- Promotes investment in the country

Before Q&A, Limpho Makotoko clarified that no government officials may ask questions at the public hearings as there will be a separate process for people in government. Tshepo Masilela who introduced himself as a representative of the Department of Economic Development and Tourism in Limpopo wanted to ask questions and wanted it on record that he was displeased that as the provincial government, they couldn't participate in the public hearing.

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<p>Question 1:</p> <p>Could you please take us through the responsibilities of the management company. In the event that the management company is not there, how will allocated budget be utilised?</p> <p>Answer 1:</p> <p>You are correct in saying that we are answering questions based on the submitted plans, although it is our intention to make the changes we've communicated in these sessions.</p> <p>Manco's role was to do the operations and then I think the follow-up question was "what will happen" with the funds to be paid to the Manco? Those funds will then be utilised towards our operation, to enhance the operational network.</p>		<p>Khotatso Moloji, Waste Tyre Management Forum</p>	
<p>Question 2:</p> <p>If you are not funded through SETAs, what will happen to the 3% allocated to the operating costs for skills development?</p> <p>Answer 2:</p> <p>The SETAs that we consulted expressed interest and a willingness to fund the initiative because it addresses elements of the National Development Plan (NDP).</p> <p>SATRUCO will be paying a skills levy to SARS, whilst SARS allows us to make claims based on skills development; thereby increasing financial support towards skills development.</p> <p>If there are additional funds we get from other institutions, our intention is to support social development programmes throughout the country.</p>		<p>Lebogang Selepe, Waste Tyre Management General Secretary</p>	

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<p><i>Facilitator in response to comments above</i></p> <p>I would like to take this opportunity to address the forum as to how this process has been run. We have run this process in Durban, Pretoria, Cape Town, Rustenburg and Bloemfontein. The process is identical across the board and we cannot deviate from that process between sessions.</p> <p>Each of the proponents is given 30 minutes to present their presentations. We then go into a question and answer session. For each Q&A session, we allow 10 questions, with a round of 3 to 4 questions per round but, it is a maximum of 10 questions per plan. Each of these questions is recorded by the facilitator and I mark off whether they have been answered or not as we proceed through the Q&A.</p> <p>If you wish to question whether there have been 10 questions I can give you an indication of those questions. Your dissatisfaction with the process, however has been noted.</p> <p>I have asked that the proponents be succinct in their responses to the questions in response to your commentary yesterday. Yet it is also necessary that proponents are given the opportunity to answer the questions as comprehensively as possible.</p>			Lindiwe Gadd, Facilitator
<p>Question 7:</p> <p>Once you've destructed the tyre, how far do you want to go with the process because a lot of abroad countries have taken it further with great technology and we are currently in the process of perfecting pyrolysis and looking at the next process which is distillation?</p> <p>As a participant we would like to know to what extent SATRUCO will address this question?</p> <p>Answer 7:</p> <p>In terms of downsizing of the products, we do not intend to do the work of the recyclers or processors. We attempt to deliver a smaller product that would make such operations more efficient and effective. There are options of supplying the industry with whole tyres as per the current plan.</p>			Graham Nich, company not specified
<p>Question 8:</p> <p>A. There are two processors in your plan that are identified – please specify their location.</p> <p>B. Do all these processors exist and are they contracted to the Waste Bureau?</p> <p>Answer 8:</p> <p>I can't give you information on those because we haven't received that from the Department. We have five operational recyclers at this point in time and most of the participants are registered but not active due to compliance issues, etc.</p>			Khotatso Moloi, Waste Tyre Management Forum

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<p>TWAMISA</p> <ul style="list-style-type: none"> • Introduction of TWAMISA, an initiative of Danubia and a plan focusing solely on OTR tyres • TWAMISA team's background is in high-impact projects in the mining industry around abatement – which informs focus of the proposal <p>Background and rationale:</p> <ul style="list-style-type: none"> • Cost of OTR tyres continues to increase as does cost of abatement – therefore a funding deficit exists • The plan's view is to bulk up on abatement activities now, which will create savings (externality) in the future on spend faced by industry/government • The plan for integrated depots implies a holistic solution for remote areas: <ul style="list-style-type: none"> ○ Fully compliant shared infrastructure for the region ○ Close the loop locally • What would these depots look like: <ul style="list-style-type: none"> ○ Start with large OTRs where service providers and infrastructure currently exist with OTRs 45"- 63" because complexity implied in this segment operationally ○ Room for a depot to accommodate non-OTRs e.g. 1000 square feet • Value proposition is to produce a comprehensive service to the mines/DEA on tyre waste management in the industry • Collaboration with another tyre waste management company to handle other tyre waste categories <p>Process overview:</p> <ul style="list-style-type: none"> • Processing methods – two processes in South Africa: <ul style="list-style-type: none"> ○ Whole tyre is shredded to 50 x 50 pieces ○ Shredding process separating steel and rubber • Crumb (by-product) usage • Crumb into pyrolysis – to cascade into blended fuels • Overview of applications of processing by-product applications: <ul style="list-style-type: none"> ○ Tar roads ○ Carpets ○ Fashion ○ Astro-turf <p>SMME and BEE impact:</p> <ul style="list-style-type: none"> • Plan proposes sustainable SMEs at all levels of the value chain • A co-funding platform to pool economic development and social development spend of subscribers • SMEs would ideally be 51% black owned, partnered with larger, existing specialised operations and provided an equity ownership deal • Intent to impact formal sector with job creation through upskilling • To introduce employee share schemes • Provide access to black SMEs into capital-intensive spaces • Improve the empowerment credentials of current industry participants <p>Collection and diversion targets:</p> <ul style="list-style-type: none"> • Includes 6 years' worth of historical stockpiles • 27% of historical stockpiles addressed by Year 5 • 20% of the post-tyre levy backlog addressed by Year 5 • 100% of the new arising tyres addressed by Year 5 			<p>Zuzana Hegerova, Plan Proponent, TWAMISA</p>

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<p>Recycling targets:</p> <ul style="list-style-type: none"> • Increase recycling rates through: <ul style="list-style-type: none"> ○ Incentives and R&D support to SMEs building local recycling capacity ○ Work with the municipalities, SANRAL, etc. to stimulate demand ○ Stimulate independent trading in the industry (i.e. those who generate new and compliant offtake to profit from sale of material) • Year 1 targets: <ul style="list-style-type: none"> ○ 60% energy recovery, 0% re-use, 40% recycling • Year 2 targets: <ul style="list-style-type: none"> ○ 50% energy recovery, 0% re-use, 50% recycling • Year 3 targets: <ul style="list-style-type: none"> ○ 30% energy recovery, 10% re-use, 60% recycling • Year 4 targets: <ul style="list-style-type: none"> ○ 20% energy recovery, 20% re-use, 60% recycling • Year 5 targets: <ul style="list-style-type: none"> ○ 10% energy recovery, 30% re-use, 60% recycling <p>Local SMEs and jobs over the 5-year plan:</p> <ul style="list-style-type: none"> • Decent jobs are sustainable jobs • Temporary jobs – in line with some short-term contracts • 242 decent jobs to be created based on submitted plan and 500 temporary jobs to be created in infrastructure development, plant construction, etc. <p>Skills development plan:</p> <ul style="list-style-type: none"> • A total of 75 people to be impacted: • Plan to target upskilling via the following initiatives: <ul style="list-style-type: none"> ○ 50 people due to ad hoc specialised training ○ 10 people identified for a bursary programme ○ 10 people for a post-university internship programme ○ 5 people identified for a fast-track management programme <p>Prevention of pollution and ecological degradation:</p> <ul style="list-style-type: none"> • Impact will be addressed through targets in the waste hierarchy • Competence training and oversight of industry participants by TWAMISA and with incubation partners • National awareness campaigns <p>Administration:</p> <ul style="list-style-type: none"> • Governance structure ensures that TWAMISA is a management company overseen by an NPC • Single system registration for industry participants • A contract award system and adjudication committee • Single perpetual NPC for the waste tyre stream • TWAMISA to create own NPC if preferred by the Minister, targeting level 3 BEE rating on specialised generic scorecard <p>Planned revenue sources:</p> <ul style="list-style-type: none"> • DEA Tyre Levy allocation for TWAMISA plan • Stockpile owners for historical stockpile abatement projects • Non-OTR Industry Manager for shared infrastructure • Sale of material to offtake 			

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<p>Plan costs:</p> <ul style="list-style-type: none"> • Communicated errors in submitted plans on: <ul style="list-style-type: none"> ○ Value of R&D in year 5 ○ % allocation (environmental impact) service providers by year 5 ○ % allocated to set-up and administration costs in year 1 ○ Total value of spend by year 5 • Total spend in year 1 is projected at R109 500 736 • Total spend in year 5 is projected at R1 190 420 396 <p>Pros of multiple managers:</p> <ul style="list-style-type: none"> • Accelerated roll-out and impact • Reduced costs in the long term • Healthy competitiveness • Reduced risk of monopolistic behaviour by a single PRO • Multiple knowledge contributors • Narrower and thus more achievable focus of each manager • Simplification of delivery and performance evaluation • Specialisation fosters innovation <p>Regular reporting to stakeholders:</p> <ul style="list-style-type: none"> • Monthly reporting – SMEs to Manco – service-level KPIs embedded into contract (environmental, financial, etc.) • Quarterly reporting <ul style="list-style-type: none"> ○ SMEs to Manco – job numbers and capacity review ○ Manco to NPC – all KPIs in line with plan targets, authority levels and DEA/WB requirements • Semi-annual reporting – SMEs’ performance review against contract KPIs by Manco • Annual reporting <ul style="list-style-type: none"> ○ Independent external audit of NPC and Manco against plan (SME normal financial audits) ○ SMEs – annual service provider review by Manco ○ Manco to WB – details of agreements reached with regard to historical stockpiles • Ad hoc – reporting <ul style="list-style-type: none"> ○ SMEs – inspections conducted by Manco at pre-agreed times at the registered sites ○ Regular newsletter, awareness campaigns by Manco to stakeholders <p>Ability to collaborate with another plan:</p> <ul style="list-style-type: none"> • This is the preferred method for TWAMISA • Upon mandate for OTR, scope to be assigned to TWAMISA <p>Advantages of TWAMISA plan:</p> <ul style="list-style-type: none"> • Simple governance model for accountability, transparency and sustainability • Accelerated diversion of waste and recycling by the industry as a whole • Cost efficiencies from abating at scale and nationwide now vs. later for the benefit of both OTR and non-OTR segments • Accelerated transformation through reduced risk of SME failure • Localisation of jobs and procurement in some of the most vulnerable communities 			

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Question			Owner
<p>Question 1:</p> <p>In one of your opening slides you said the mines are stalling because there is no service provider available to provide a turnkey solution. Are you stating this is a matter of fact and would you care to share which mines are stalling?</p> <p>Answer 1:</p> <p>It is our experience and the result of our engagement with the stockpile owners (and our view may be subjective) that there is no service provider who has satisfied the mines to date to provide a full turnkey solution. There are several mines and I don't think I'm at liberty to share with the forum at this moment.</p>			Khotatso Moloi, Waste Tyre Management Forum
<p>Question 2:</p> <p>Your plan proposes a focus on new entrants. How do you come to an industry that you claim you have not actively participated in and neglect current participants (in terms of upscaling)?</p> <p>Answer 2:</p> <p>You've interpreted the presentation incorrectly. We are positioning ourselves as a manager of the industry to catalyse the industry to grow – not as doers. We are presenting ourselves as the glue to pull all the necessary participants together.</p> <p>On the model of our service providers (Section 12 of our plan) we will separate existing SMEs from new entrants. There is nothing in our plan that suggests we will block or exclude existing participants.</p> <p>The incubation model, for example, allows for SMEs who do not have the capacity to attract enough funding to buy equipment with high capital costs with partial support (partnership, other forms of enablement not specified).</p>			Lebogang Selepe, Waste Tyre Management Forum

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<p>Question 4:</p> <p>Your plan specifies a focus on OTR tyres; however there are people living in poverty who rely on these plans to uplift them. Those living in poverty are waste pickers and they don't feature in your plan. So when you mention people in poverty – who are you aiming to uplift?</p> <p>Answer 4:</p> <p>Unfortunately the characteristics of OTR tyres do not lend themselves to the pursuits of waste pickers. That's why our plan focuses on generating formal employment as opposed to informal employment. We have identified 5 epicentres of mining and we will be addressing the needs of those communities directly when mines cut costs and reduce headcount through job creation on our part.</p>		<p>Johanna Raleng, Depot Operator Western Cape</p>	
<p>Question 5:</p> <p>Will the TWAMISA Manco be 51% black owned?</p> <p>Answer 5:</p> <p>The structure of TWAMISA is still being finalised.</p>		<p>Khotatso Moloi, Waste Tyre Management Forum</p>	
<p>Question 6:</p> <p>Are you going to take a bond to put up those set-up costs or use public funds to set up your business? Page 11 of what you presented to the Minister doesn't account for specialised experience with OTRs. So your involvement in this niche market is a misalignment.</p> <p>Answer 6:</p> <p>The set-up costs are included in the management and administrative costs. We propose the tyre levy funds will be used for the set-up.</p> <p>With regard to infrastructure costs, we would like to get to a point where these costs can be shared with the pre-tyre level segment of the OTR industry.</p> <p>With regard to expertise, we don't have an individual with expertise in downsizing OTRs. But we do have sufficient experts in the network who will be able to assist on technical challenges faced in the industry. We are not going to be involved in doing the work – we will not own any equipment. Will put out tenders for equipment and participants in the industry to make sure the work is done effectively.</p>		<p>Victor Molefe. Waste Tyre Management Forum</p>	

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EVERGREEN			
Not in attendance			
WASTE BUREAU			
Asked to be excused			
Closing			
Announcements			
Questions posed by Limpho Makotoko, Chairperson, COO, DEA			
<ul style="list-style-type: none"> Question for the forum regarding the presentation of the WMB. The primary objective of the presentation is to give plan proponents clarity on the current processes Given that plan proponents have all excused themselves, I would like to extend the opportunity to interested and affected parties to take a vote on their interest in the WMB's presentation 		Limpho Makotoko, Chairperson, COO, DEA	
<i>Questions – Khotatso Moloi, Waste Tyre Management Forum</i>			
<ul style="list-style-type: none"> Are we showing sufficient respect to each other? If they require their plans to be taken seriously, should they not be expected to show interested and affected parties the same level of engagement? 		Khotatso Moloi, Waste Tyre Management Forum	
<i>Comment – Lebogang Selepe, Waste Tyre Management Forum</i>			
<ul style="list-style-type: none"> Seconded motion to exclude the WMB presentation 			
Chairperson requested that first-time attendees raise their hands to support the motion that we do not take the presentation, and emphasised that the presentation was available in the print-outs.			
<i>Forum voted against the presentation of the WMB to break early for lunch</i>			

