



## PROVISIONAL PROGRAMME - (subject to review and acceptance of final paper)

### Reduce YOUR Waste Footprint!

DAY 1

TUESDAY 16 OCTOBER 2018

08:50 - 09:00	Welcoming	MC - Sipho Dube
09:00 - 09:10	Welcome Address	TBA
09:10 - 09:35	Keynote Address	TBA
09:35 - 09:45	Outgoing Address	Outgoing President - Jan Palm
09:45 - 09:55	Inaugural Address	Incoming President - Leon Grobbelaar
09:55 - 10:10	Awards	Presidents Awards - Jan Palm
10:10 - 10:30	Keynote Address - 2	Challenging Changes Connecting Waste Hierarchy and Circular Economy - Ad Lansink
10:30	House Rules	MC - Sipho Dube
10:35 - 11:00	Tea - Indoor Exhibition Hall - CENTRE COURT	
Venue	Assembly Rooms	
11:00 - 11:30	Policy for Implementation of Sustainable Waste Management based on 40 years of Experience in Austria and Europe	
	Presenter: Franz Neubacher	
11:30 - 12:00	A new generation of Solar Caps for landfill closures to gain significant costs savings and secondary use opportunities	
	Presenter: Mark Roberts	
12:00 -12:30	Strive towards Zero waste to landfill in Namibia	
	Presenter: Gys Louw	
12:30 -13:30	Lunch in Indoor Exhibition Hall - CENTRE COURT	

Stream	Recycling	Recovery	Hierarchy
Topic	Behaviour	Beneficiation	Cost of compliance
	Session Chair:	Session Chair:	Session Chair:
13:30 - 14:00	What motivates/demotivates households to Separate at Source?	To beneficiate or not to beneficiate	The environmental, health and social costs of allowing unlicensed rubbish dumps to continue to proliferate outweigh the costs of enforcing compliance
	Presenter: Martin Bothma	Presenter: Malcolm Whitehouse	Presenter: Megan Manley
14:00 - 14:30	Sustainability of Waste Management Recycling: A case study of Paarl	A Laboratory Investigation into Ground Improvement Using Plastic Waste Reinforced Sand Columns	Determination of the Solid Waste Infrastructure Requirements for Legal Compliance and Diversion Targets in the Western Cape
	Presenter: Roelien du Plessis	Presenter: Laxmee Sobhee-Beetul	Presenter: Jan Palm
14:30 - 15:00	The social dilemma of household recycling	Preliminary Results on the Innovative Use of Paper-Mill Waste Sludge as Performance Enhancer of Green Concrete	Implementing the Waste Hierarchy, what does it cost
	Presenter: Wilma Strydom	Presenter: Frazer Smith	Presenter: Reon Pienaar
15:00 - 15:30	Tea - Indoor Exhibition Hall - CENTRE COURT		
Stream	General waste	Recovery	Recycling
Topic	Case studies		Circular Economy
	Session Chair:	Session Chair:	
15:30 - 16:00	Influence of household socio-demographics and waste prevention on food waste generation in the City of Tshwane Metropolitan Municipality, Republic of South Africa	Printed circuit board leach residue as reductant in pyrometallurgical operations	Developing Success Conditions – Waste Economy Case Study: East London
	Presenter: Fhumulani Ramukhwatho	Presenter: Guven Akdogan	Presenter: Quinton Williams
16:00 - 16:30	Waste management and minimisation at Ngala Game Reserve.	Evaluation of a Hydrometallurgical Process Option for the Treatment of Printed Circuit Boards	Waste as a resource – Opportunities in Africa
	Presenter: Kevin Mearns	Presenter: Nontobeko Nxumalo	Presenter: Suzan Oelofse
16:30 - 17:00	Waste Characterisation in Stellenbosch: 5 years later	Development of an environmental friendly metal extration process from LIBs	The circular economy – What are the real opportunities for South Africa?
	Presenter: Charlotte Nell	Presenter: Guven Akdogan	Presenter: Sarah OCarrol
<b>CONFERENCE DINNER</b>			

**DAY 2**

**WEDNESDAY 17 OCTOBER 2018**

Venue	Senate 1	Senate 2	Negotiation Chamber
<b>Stream</b>	<b>Recovery</b>	<b>Recycling</b>	<b>Recycling</b>
<b>Topic</b>	<b>Co-processing</b>	<b>Organic waste</b>	<b>Informal Sector</b>
	<b>Session Chair:</b>	<b>Session Chair:</b>	<b>Session Chair:</b>
<b>09:00 - 09:30</b>	Focusing on a zero-waste future for South Africa	The Potential for Composting In Medium Density Households in South Africa	Partnerships towards waste picker support – valuing our collectors
	<b>Presenter: Brent Mahoney</b>	<b>Presenter: Roelien du Plessis</b>	<b>Presenter: Kirsten Barnes</b>
<b>09:30 - 10:00</b>	The blending platform facility- A case study from Interwaste	The hybrid composting of Municipal Solid Waste as a waste diversion option	Waste Material Recovery Rates, Incomes, and Challenges Facing Informal Waste Reclaimers in the Ekurhuleni Metropolitan Municipality in the Gauteng Province of South Africa - An Exploratory Study
	<b>Presenter: Rudzani Muedi</b>	<b>Presenter: Melumzi Nontangana</b>	<b>Presenter: Sibongile Gumbi</b>
<b>10:00 - 10:30</b>	Evaluating the carbon footprint of refuse derived fuel (RDF) as an energy source in the cement industry, relative to a conventional, non-renewable, fuel source	Organics: Accelerating a market beyond its current infancy	Managing landfills and waste pickers on them in South Africa: Toward increased recognition, access, dignity and income
	<b>Presenter: Bradley Thorpe</b>	<b>Presenter: Yaseen Salie</b>	<b>Presenter: Rinie Schenck</b>
<b>10:30 - 11:00</b>	<b>Tea - Indoor Exhibition Hall - CENTRE COURT</b>		
<b>Stream</b>	<b>Recycling</b>	<b>Waste Economy</b>	<b>Landfill</b>
<b>Topic</b>	<b>Waste diversion from landfill</b>	<b>Entreprise Development</b>	<b>Landfill</b>
	<b>Session Chair:</b>	<b>Session Chair:</b>	<b>Session Chair:</b>
<b>11:00 - 11:30</b>	Danish experience in developing integrated approach to separate collection and central sorting of valuable recyclables from the MSW	Market led enterprise development in the waste economy, catalyses opportunities for entrepreneurs in the Western Cape	Implementing the Geosynthetic Hierarchy
	<b>Presenter: Torben Kristiansen</b>	<b>Presenter: Oliver Bonstein</b>	<b>Presenter: Johnny Oriokot</b>
<b>11:30 - 12:00</b>	Implementing the Waste Management Hierarchy: Applying the SASCOST Model to determine indicative costs of Separation at Source	Rapid Economic transformation in the e-waste sector in SA	Capping solution alternatives using geosynthetics - Design and its application
	<b>Presenter: Anton Nahman</b>	<b>Presenter: Malcolm Whitehouse</b>	<b>Presenter: Ricardo Sousa</b>
<b>12:00 - 12:30</b>	Operation Phakisa: Chemical and Waste Phakisa – a bold proposition	Cooperatives in Waste and Recycling: a recipe for failed waste hierarchy Implementation	Radical Landfill Transformation
	<b>Presenter: Quinton Williams</b>	<b>Presenter: Aubrey Muswema</b>	<b>Presenter: Logan Moodley</b>
<b>12:30 - 13:30</b>	<b>Lunch - Indoor Exhibition Hall - CENTRE COURT</b>		

Venue	Senate 1	Senate 2	Negotiation Chamber
Topic	WORKSHOP - Waste RDI Roadmap	Workshop - DEA	Biogas in South Africa
	Facilitator: Linda Godfrey	Facilitator: Kgauta Mokoena	Facilitator: David Newman
13:30 - 15:00			
15:00 - 15:30	Tea - Indoor Exhibition Hall - CENTRE COURT		
15:30 - 16:30			
17:00	IWMSA AGM		

DAY 3			
THURSDAY 18 OCTOBER 2018			
Venue	Senate 1	Senate 2	Negotiation Chamber
Stream	Recovery	Municipal Solid Waste	Recycling
Topic	Waste to Energy	Case studies	Food and Entertainment Industry
	Session Chair:	Session Chair:	Session Chair:
09:00 - 9:30	The role of Waste-to-energy in a world increasingly focused on material recovery en route to a truly Circular Economy	The effectiveness of waste management services offered by eThekweni Municipality: a case study of Ntuzuma Township in Durban.	"Implementing the Waste Hierarchy"- Assessing Recycling Potential of Restaurant Waste
	<b>Presenter:</b> Torben Kristiansen	<b>Presenter:</b> Nonhle Ndedele	<b>Presenter:</b> Sihle Matinise
09:30 - 10:00	Waste-to-energy concepts for emerging economies and its contribution to waste diversion from landfills	Factors associated with illegal dumping in the Zondi area, City of Johannesburg, South Africa	Recycling opportunities and pitfalls of eateries and bars in Central South Africa
	<b>Presenter:</b> Anup Thaliath Tomy	<b>Presenter:</b> Letlotlo Tumisang Polasi	<b>Presenter:</b> Carlen Denner
10:00 - 10:30	Waste-to-Energy as an Integrated Part of Circular Economy	Current Urban Solid Waste Management Initiatives in the City of Lagos	An evaluation of waste management practices at Carnival City Casino, Brakpan
	<b>Presenter:</b> Dr. Albert Zschetzsche	<b>Presenter:</b> Oluwatoyin Taiwo	<b>Presenter:</b> Annah Pholose
10:30 - 11:00	Tea - Indoor Exhibition Hall - CENTRE COURT		
Stream	Municipal Solid Waste	Remediation	Various
Topic	Decision Support Tools	Remediation	Definition, Data and Technologies
	Session Chair:	Session Chair:	Session Chair:
11:00 - 11:30	Advancement Of The Waste Resource Optimization And Scenario Evaluation (WROSE) Model To Include Socio-Economic And Institutional Indicators.	Treatment of High Strength Landfill Leachates Containing Nitrates, Phosphates and Sulphates Using Local Sands in Permeable Reactive Barriers	Implementing the Waste Management Hierarchy: 10 years on: What is waste
	<b>Presenter:</b> Sameera Kisson	<b>Presenter:</b> Abdulmutaleb Zorgani	<b>Presenter:</b> Claudine Roos
11:30 - 12:00	Time to Decide, If Not Landfill, Then What	Towards Constructed Wetlands Optimisation: Understanding Root Zone Interactions and Resilience of plants grown in Landfill leachate	Big Data, Little Time - rationalising the veracity and value of waste sector data
	<b>Presenter:</b> Jefrey Pilusa	<b>Presenter:</b> B. Reimers	<b>Presenter:</b> Stuart Gower Jackson
12:00 - 12:30	Implementation of the Waste Resource Optimization and Scenario Evaluation (Wrose) Model: A Waste Management Decision Making Tool for South African Municipalities	Enhanced Phytoremediation of Industrial waste	Tailoring material recovery technologies for the South African waste industry
	<b>Presenter:</b> Christina Trois	<b>Presenter:</b> Raymond Anayasi	<b>Presenter:</b> Mark Williams-Wynn
12:30 - 13:30	Lunch in Indoor Exhibition Hall - CENTRE COURT		
Stream	Landfill	Municipal Solid Waste	Recycling
Topic	Site selection	Municipal Solid Waste	Recycling
	Session Chair:	Session Chair:	Session Chair:
13:30 - 14:00	Probability Mapping of Waste Disposal Sites In Alice Town, Eastern Cape	Can this waste diversion project work?	Incentivized recycling and its application in the South African context
	<b>Presenter:</b> Zamavuso Tshazi	<b>Presenter:</b> Richard Emery	<b>Presenter:</b> Lize Potgieter
14:00 - 14:30	Waste Hierarchy: Lowest Priority Remains a Reality - but Where	Pros and Cons of Conventional Procurement, Public Private Partnerships and alternative externalisation methodologies in the implementation process of the Waste Hierarchy	Plastics Recycling in South Africa is not enough
	<b>Presenter:</b> Jacobus Otto	<b>Presenter:</b> Johan Louw	<b>Presenter:</b> Annabe Pretorius
14:30 - 15:00	Factors Associated With Noncompliance of Landfills Operations In The Nkangala District Municipality, Mpumalanga Province With The National Minimum Standards on Operations of Landfills	Constraints and Opportunities of Solid Waste Recycling In South Africa	Challenges & Opportunities for off-grid solar recycling
	<b>Presenter:</b> Erald Nabinde	<b>Presenter:</b> Fanie Machete	<b>Presenter:</b> Patricia Schroder
15:00 - 15:30	Towards Zero waste to landfill - the challenges and opportunities on the South African disposal landscape	Impacts of severe weather events on implementing the waste hierarchy - The case of eThekweni Metropolitan Municipality	Successful Collaboration with Ekurhuleni Municipality on Recycling – promotion and job creation
	<b>Presenter:</b> Megan Manley	<b>Presenter:</b> Aubrey Muswema	<b>Presenter:</b> Anele Sololo
16:00 - 16:30	Closing Plenary		

## Backup presenters

<b>Name</b>		<b>Yes</b>	<b>Sessions</b>
Linda Godfrey	LG	x	2
Suzan Oelofse	SO	x	2
Reon Pienaar	RP	x	2
Belinda Booker	BB	x	2
Ursula Henneberry	UH	x	2
Nick Mannie	NM	x	1
Aubrey	AM	x	2
Lindsay	LS	x	2
Stefan Morkel	SM	x	2
Jan Palm	JP	x	2
Oscar Simelane			
Mahmood Patel			
Logan Moodley			
Riva Nortje	RN	x	1
Nash Dookhi	ND	x	1
Richard Emery	RE	x	2