

TRENDS AND OPPORTUNITIES – WASTE MANAGEMENT

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CURRENT TRENDS IN THE PLASTICS INDUSTRY

- **Plastics | SA initiatives**
 - Sustainability Counsel
 - Polymer Groups responsible for specific materials
 - Extended Producer Responsibility
 - Strategic Driver:

“Zero Plastics to Landfill 2030”

- Demand high but not enough plastic waste – clean and consistent stream
- Increase in Importation of Waste
- Recovery – Waste to Energy
- Increase Research activities
- Less visible plastic waste in environment

OPPORTUNITIES FOR PLASTICS

- Plastic Waste – a valuable resource
- Plastics Industry increase Recovery rate by 10% in 2012 - all voluntary!
- 34% on packaging material
- Separation at Source
- Research and Development – also future products
- Standards for, and Quality of recyclate
- Design for Recycling
- On Pack Recycling Label (OPRL) – recent changes
- Light weighting – acceptable level?
- Involvement in Clean-up and recycling campaigns

OBSTACLES TO MOVING FORWARD

- Few waste collection systems in place
- Reliable statistics/data for individual waste streams
- Cost to landfill – recycling is uneconomical
- Implementation of separation at source blocked due to lack of knowledge, understanding and infrastructure
- Contaminated Waste – expensive equipment, impact on recycling process
- Consumer Behaviour
 - Lack of understanding and knowledge
 - Education
 - Discipline
 - Emotional knee jerk reactions
- No coherent effort
- Lack of co-ordinated Research and Development

VISION

“Zero Plastics to Landfill 2030”

