



- 108 million tonnes of waste generated per annum (2011)
- 90% of this waste is disposed to landfill (2011)
- 20 million tonnes/annum is municipal solid waste (2011)
  - High income = 1.29 kg/person/day
  - Middle income = 0.74 kg/person/day
  - Low income = 0.41 kg/person/day
- R339 per tonne cost of disposal (2011)

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- 50.5% post-consumer packaging waste recycled in 2012
- 70-90% of packaging waste recycled is sourced from informal collectors (2012)



























# Value of waste as a resource

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- Estimated resource value of the waste is R25.2billion per annum (0.86% of GDP)
  - Recycling at  $\pm 10\%$  (as at 2011 baseline) unlocked R8.2 billion/year worth of resources into the South African economy
  - There is potential to recover a further R17 billion per annum worth of resources back into the economy









# Key international issues Poter industion • Increased efficiency in material recovery and recycling • Stimulation • Improved feedstock management, including increased access to recyclables (quantity) and to clean recyclables (quality) • Imegination • Design for dismantling and recycling, in response to the increasing complexity of products and related wastes • Imegination • Imegination • Imegination • Design for dismantling and recycling, in response to the increasing complexity of products and related wastes • Imegination • Imegin<

## How to grow recycling in SA

### • Supply side

- Investment in collection infrastructure
- Creating entrepreneurial opportunities, for example in collection and sorting of activities
- Policies and incentives driving separation and collection system at the household and municipal levels

### · Demand side

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- Innovative uses of recycled materials in SA
- Development of innovative new high quality products using recycled content





