

Cradle to the Grave- Integrated Solid Waste Management the Case of Kadoma City Zimbabwe



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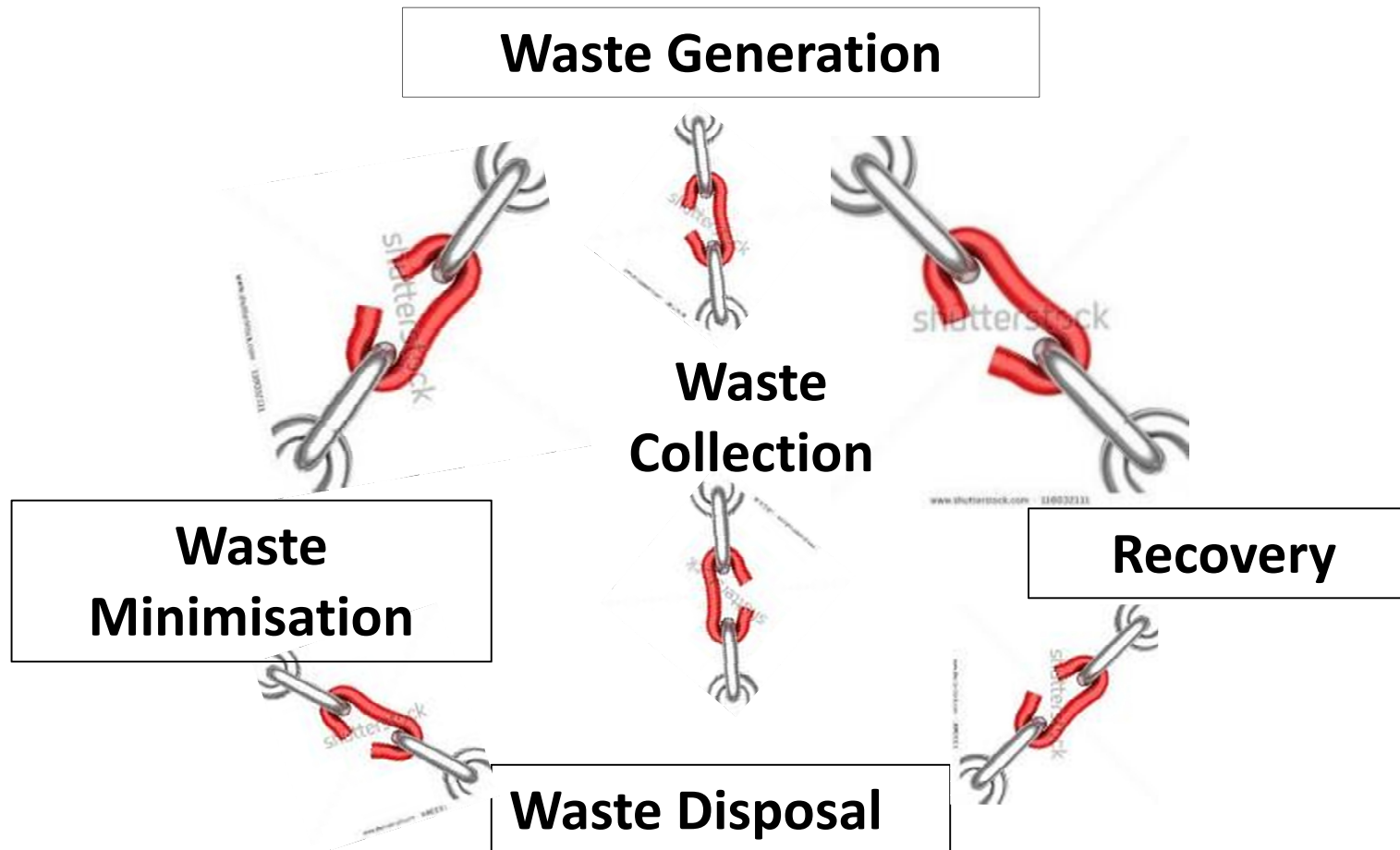


Challenges of SWM System 2014

Indicator	National Target	% Attainment
Coverage of Receptacles	100%	45.2%
Curbside Collection Coverage	100%	93%
Efficiency of Solid Waste Collection	100%	93.6
Extend of recovery of Solid Waste	20%	5%
Efficiency of Satisfactory Response to Complains	80%	75%
Extend of Scientific Disposal	100%	-



Challenges in SWM



Major Challenges are weak/ broken linkages in SWM functional Elements



Best Practices

Component	Challenge	Strategy
Waste Minimization	Per capita generation Bin Coverage	Waste Reuse Composting Vermiculture
Transport	Human Resources Costs	Groups Collect Waste Waste Diverted to Vermiculture
Recovery	Low Cost recovery	MOU with Pvt. Sector
Disposal	% scientific disposal	Set Up SBU Heavy Duty Equipment New landfill Site Developme



Institutional Setting



Demand by People

Election Promises

Government Development Blue Print Zim Asser



Kadoma City Council



Approaches Used

- Surveys
- Look and learn Visits
- Public Consultations
 - Focus group discussions
 - Social Inclusion
 - Feedback
- Unifying Framework



Outputs

Component	Output
Waste Minimization	Bins Revolving Fund Set up Ward based Composting initiated
Transport	Community groups used in Waste Collection
Recovery	MOU signed with partner
Disposal	Established vermiculture venture
	Working with Recycling Companies
	SBU on Heavy Equipment Established



Lessons Learnt

Component	Lesson
Waste Minimization	Composting and Vermiculture can reduce transport cost
Transport	Labour costs can be reused by 60%.
Recovery Recycling	Material recovery remains low
	Market for recyclables not available
Disposal	Life of landfill site can be extended by engaging in vermiculture
	Regulators can be engaged to make variations on lining materials



Preconditions for Transfer

- Political Will
- Managerial willingness
- Technical competencies
- Strategic Framework at local level



Competent Leadership



Main Lessons



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