

# MUNICIPALITY OF CHINHOYI



## Progress on Solid Waste Management Plans

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Presented by

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# 1. RECAP OF ACTION PLANS



Create Partnerships in  
Waste Sector



Develop a Roll Out  
Plan for Recycling

Inefficient  
Waste Mgmt &  
Low Recycling  
Rate



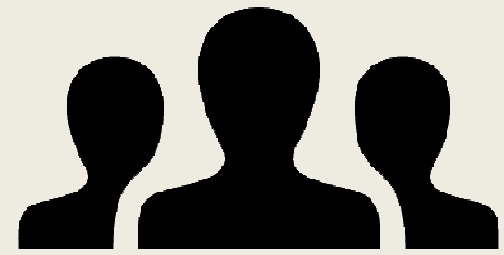
Develop Integrated  
Waste Management  
Plan



Create Value Chain for  
Recycling







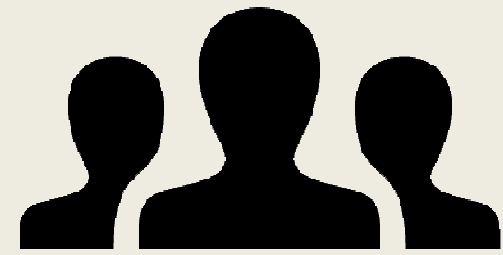
# PARTNERSHIPS

## I. GREEN AGE

- CBO Community Based Organisation
- Recycle Paper to make various artefacts
- Train other youth and school going pupils
- University to be roped in







# PARTNERSHIPS

## II. INNOVATIONS DEVELOPMENT

- Plastics - PET, HDPE,
- Cans
- Oil – used oil converted, Pyrolysis to diesel & petrol
- Pyrolysis reactor still being constructed
- x12 Collection depots
- Can crusher and bailing





## 2. INTERIM DEVELOPMENT



### a) **ORGANIC COMPOSTING PROJECT**

- 80% of waste is organic waste (Characterization report, 2013)
- Households and food industries major contributors
- Rich manure for backyard gardening and farming
- Cheaper option for fertilizers /organic fertilizers

### **PROPOSED ACTION PLAN**

- Empower community to separate organic waste for composting at household level
- 10 Composting drums – GLZ assistance
- Identify High Density residents, Low Density residents, School & Motel to use the composting drums
- Weigh waste produced per identified household before compost drum
- Weigh waste produced after intro of composting drum







- A warm sunny spot ideal to put the tumbler for faster break down of waste.

- Add organic waste to the composter - 75% brown waste, 25% green waste.

- Brown waste = leaves, straw, shredded paper, dried grass clippings

- Green waste = kitchen scraps, fresh grass clippings  
Activate by adding a handful or two of compost, soil or manure (chicken, horse or cow).

**1 Month  
Manure  
ready**



- Tumble your composter daily or every other day





## 5. Know-how Exchange

- Stages/Template to develop an Integrated SWM Plan.
- How to extend project to community wide level.

