



# Kariba Integrated SWM Plan/Project



Kariba Municipality adopted the Integrated Solid Waste Management Plan, giving more responsibility to the community and stakeholders in SWM. The traditional refuse collection system has its own challenges of old and unreliable refuse collection system hence Municipality of Kariba had to involve community participation through a well coordinated Integrated solid waste management Plan. This will go a long way in offering and fostering local solutions to solid waste management challenges. Major thrust is to turn Kariba into a Cleaner City and center for Integrated Solid waste management activities.





## Main challenges

- Illegal dumping and uncollected waste.
  - Low community participation in solid waste activities.
  - Lack of awareness in solid waste management.
  - Lack of resources such as land, equipment, receptacles for waste treatment options.
  - Blocked sewer lines by solid waste materials.
  - Bin vandalism by wild animals e.g. elephants and baboons.
- ❖ Affects all age groups including males and females.
- ✓ The roles of men and women in addressing the identified challenges were critical, relevant and commendable.





## 2. Institutional Setting:

### **POLICY FRAMEWORK**

**National:** Environmental Management Act regulates SWM to protect the environment.

**Local:** Kariba by-laws: refuse collection, anti litter, public health

**MUNICIPAL RESOLUTIONS:** Two resolutions were passed to enable this project.

**Stakeholders involved:** Government departments, Community representatives, NGOs, GlZ, Companies representatives in Kariba, Informal and Formal CBOs representatives, Policy makers, Councilors, Private companies (Delta, PetrecoZim)



## Methods

- ❑ Mapping of SWM challenges e.g. illegal dumpsite.
- ❑ Waste characterization study assisted by GIZ in 2013.
- ❑ Establishment of Community based groups (CBOs).
- ❑ Municipal Community projects
- ❑ Stakeholder mapping and consultative workshops
- ❑ Establishment of the integrated solid waste management plan.
- ❑ Launch of the integrated management plan in June 2018.
- ❑ Exchange visits with SWM Companies in South Africa and Hamburg in Germany.
- ❑ Education and awareness campaigns in churches, schools and market places.



ISWMP encompassed everyone ( holistic and multisectorial) included key-representatives from the community such as residents association leaders, councilors, government departments representatives and ministry of education etc.



#### 4. Outputs:

- Reduced illegal dumping in all nine wards.
- Reduced diseases related to water and sanitation
- Reduced sewer blockages by solid waste material.
- Improved council relations with the community.
- Improved solid waste management practices.
- Donation of bailer and can crusher from Delta
- Construction of the recycling shed.
- Composting and recycling activities.
- Trained CBOs in ISWM.
- Employment creation.
- Integrated solid waste management plan.
- Both males and females benefit from ISWMP.

- **Sustainability** – Hinged on continual improvement of the ISWM Plan and continuous monitoring and evaluation by the steering committee and support from private players and Local Authority(Municipality).







## **Lessons:**

- a. Community driven activities are easy to implement and are sustainable.
- b. Problems within an area can unequivocally dealt with by the community itself.
- c. There is need for multi-sectorial approach of community, private players and the council in ISWM.
- d. The community has vital local knowledge system which needs to be integrated into waste management.
- e. Municipal Community interest groups need high level of motivation and training for good results.
- f. Men dominate in formal programs while women dominate in cleaning up activities in all wards.

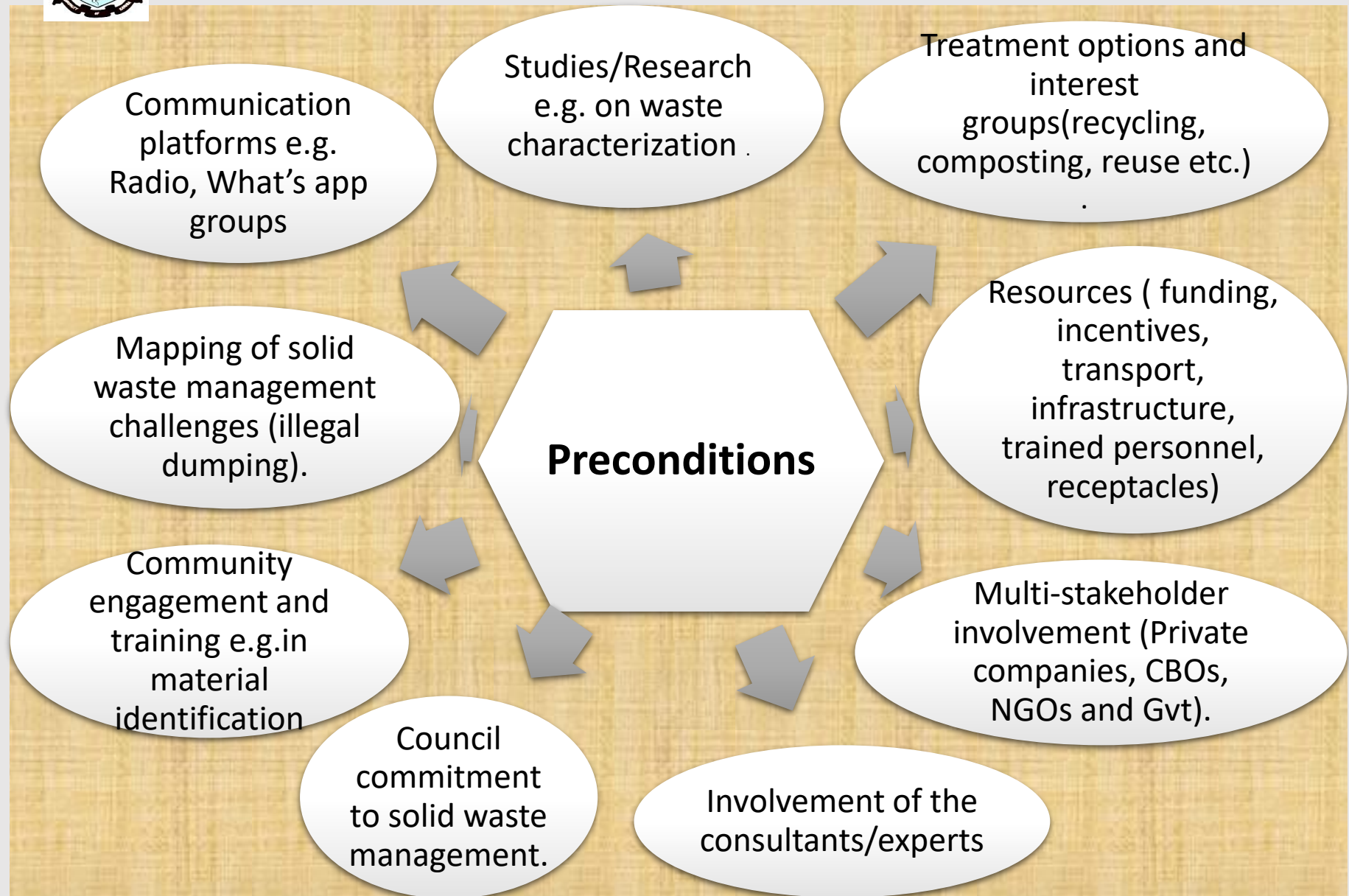
## **Questions**

- i. Waste separation at the source is a huge task?**
- ii. Sustainability of formal CBOs in waste recycling?**
- iii. Priority of SWM activities by municipalities?**





# Transfer





## Transfer Cont.....



### Steps to take

- Council commitment in waste treatment options.
- Call for municipal solid waste proposals.
- Developing ISWP management plan with all key stakeholders in the urban with support from experts in solid waste management.
- Submit the draft to the council.
- Endorsement of the draft by the stakeholders.
- Launch of the Integrated Solid waste management plan.
- Market linkages: Memorandum of Understanding with private sectors in solid waste e.g. Delta, PetrecoZim-Zim and CBOs.
- Implementation of the plan.
- Steering committee for continuous monitoring and evaluation.
- ❖ Need to establish a full management structure for ISWMP in LAs.

**NB: Both men and women have shared responsibility in the use of equipment and litter picking.**



# Summary of SWM activities in Kariba

