REPORT ON SOLID WASTE MANAGEMENT
Mombasa, the second largest city in Kenya, has a population in excess of 727,842 people and occupies an area of 295 km\(^2\). Municipal waste in Mombasa is being generated at a rate of in excess of 600 tones a day; this waste is transferred to the Mwakirunge and Kibarani dumping site outside the City where some basic recycling activity takes place with the Vast majority of The waste ultimately ending up in the dumpsite.
The Council collects its garbage within the City using different methods as mentioned below:

1. Bulk collection
2. Kerb collection
3. Bulk containers
4. Door to door collection
BULK COLLECTION
This method of collection is done using the shovel or wheel loader and tipping trucks. Due to lack of other facilities used for waste collection we are currently collecting more than 50% of the waste using this method. We make sure tippers are covered with nets to control littering.
KERB SIDE COLLECTION

This method of collection is done using the side loaders and compactor trucks. They operate mainly within the central business district (CBD) and along major roads of the City.
BULK CONTAINERS

This is another method of collection where we place bulk containers at strategic locations. Then we have trucks or tractors who collect these containers when full and replace them with empty ones.
BIN TROLLEY COLLECTION

This is a system of collection where a Council staff moves from house to house collecting waste on a daily basis. This method is mainly used in residential areas which are not easily accessible by trucks. All their collections are disposed at collection points then transported by trucks to the dump site.
All the collected garbage is transported to the dumpsite except the one collected by the bin trollies which is disposed at our collection. Mombasa city has two dumpsites. One located at the outskirts of the Island (Kibarani) and the other 15 km from town centre (Mwakirunge). The Kibarani dumpsite is about 40 years old and the Mwakirunge dumpsite 5 years old. At both the dumpsites open dumping is practised.
KIBARANI DUMP SITE
MWAKIRUNGE DUMP SITE
Currently Mombasa residents do not pay any fee to the Council for refuse collection. The only ones who pay are ones who are serviced by private collectors.
The percentage of trash collected on a daily basis is around 650 tons. The composition of the waste is mainly given as:-

1. Organic waste 50%
2. Papers 3-5%
3. Plastic 5%
4. Glass & metal 2-3%
5. Other 40-42%

The Municipal solid waste management service usually covers all except industrial waste. Main focus is in households, street sweeping and market waste.
Currently the Council does not have an organised or official recycling programs. Most of the sorting within the Municipality is done by scavengers at our collection points and at the dumpsites. They then sell their recyclables to the private companies.
The informal sector plays a major in waste collection. There are some areas where the Council does not reach to give the required service and hence the informal sector (CBO’s) do the collection and earn a living. The Council does not have any official partners.
The public perceive solid waste management in Mombasa City and in country at large as an area which need great improvement and to be developed to required standards. Currently the public is not involved in solid waste management activities.

The CBO component is one of the most successful programmes within the Municipality. The biggest challenges we face is to develop and succeed in putting in place an acceptable solid waste management system.
THANK YOU