

FACTSHEET

Waste Wise Cities Tool in Dar es Salaam, Tanzania



Municipal Solid Waste Management is one of the biggest challenges in Dar es Salaam, given the fact that Dar es Salaam is a Country's commercial capital and gateway to most of the countries in the southern part of Africa through the Port of Dar es Salaam.

Poorly managed MSW contributes to Marine Litter Pollution in the Indian Ocean.

The assessment of Dar es Salaam's SWM using UN Habitat's Waste Wise Cities Tool, supported by the African Cities Platform and UNEP, was helpful in establishing a status quo and highlighting key areas for intervention in order to improve SWM in Dar es Salaam. Through a scientific approach, the WaCT facilitated obtaining of reliable baseline data upon which strategic investment plans can be made and funds to implement these plans mobilized.

Mr. Amos Makala
Regional Commissioner for Dar es Salaam.



City: **Dar es Salaam**
Country: **Tanzania**



Population:
6,831,284 (2020)



Year of WaCT Survey:
2021

Key Waste Data

Total municipal solid waste (MSW) generated by the city

5733 t/d

Total MSW collected

2042 t/d

36%

Total MSW collected and managed in controlled facilities

56 t/d

1%

Per capita MSW generation

0.84 kg/cp/d

Per capita household food waste generation

0.35 kg/cap/d

City Recovery Rate

1%

Household and non-household waste generation



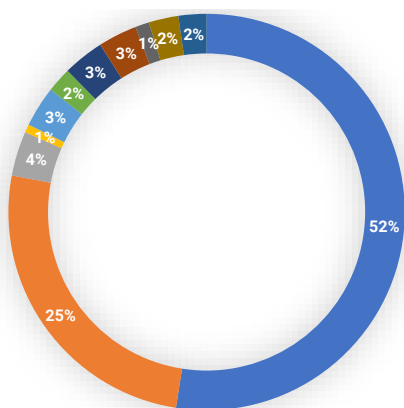
	Average household waste generation (kg/capita/day)	Total population	Total MSW generated by households (t/day)
High income	0.71	683,128	486
Middle income	0.67	2,049,386	1,369
Low income	0.53	4,098,770	2,159
TOTAL	0.59	6,831,284	4,013



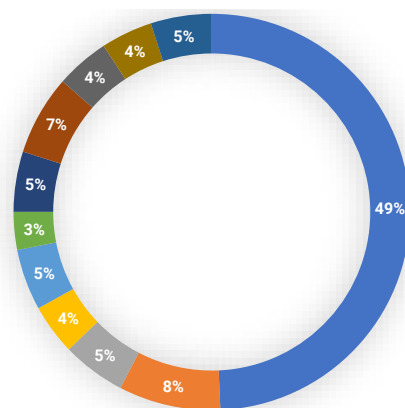
Total MSW generated from non-household sources (t/day) 1,720
 calculated using proxy of 30 % of total MSW

Composition of waste at the households and at the disposal site

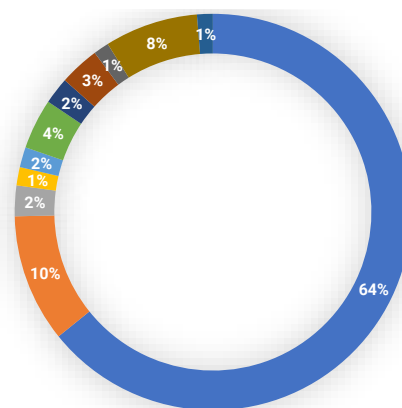
Household waste composition
higher income areas



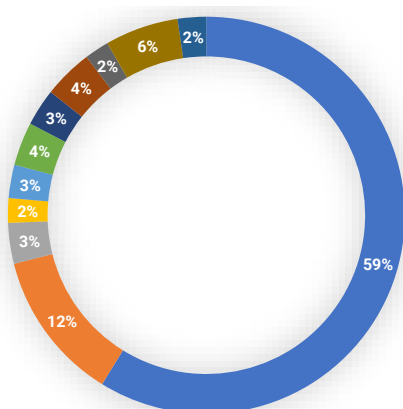
Household waste composition
middle income areas



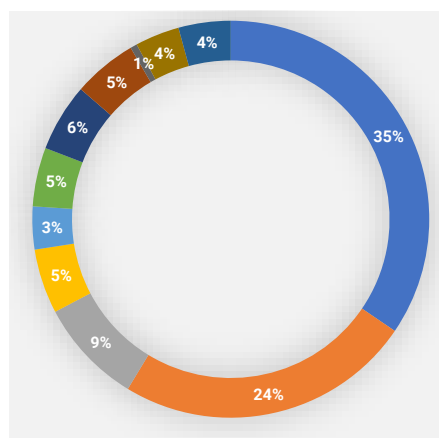
Household waste composition
lower income areas



Average household waste
composition



Waste composition at disposal site



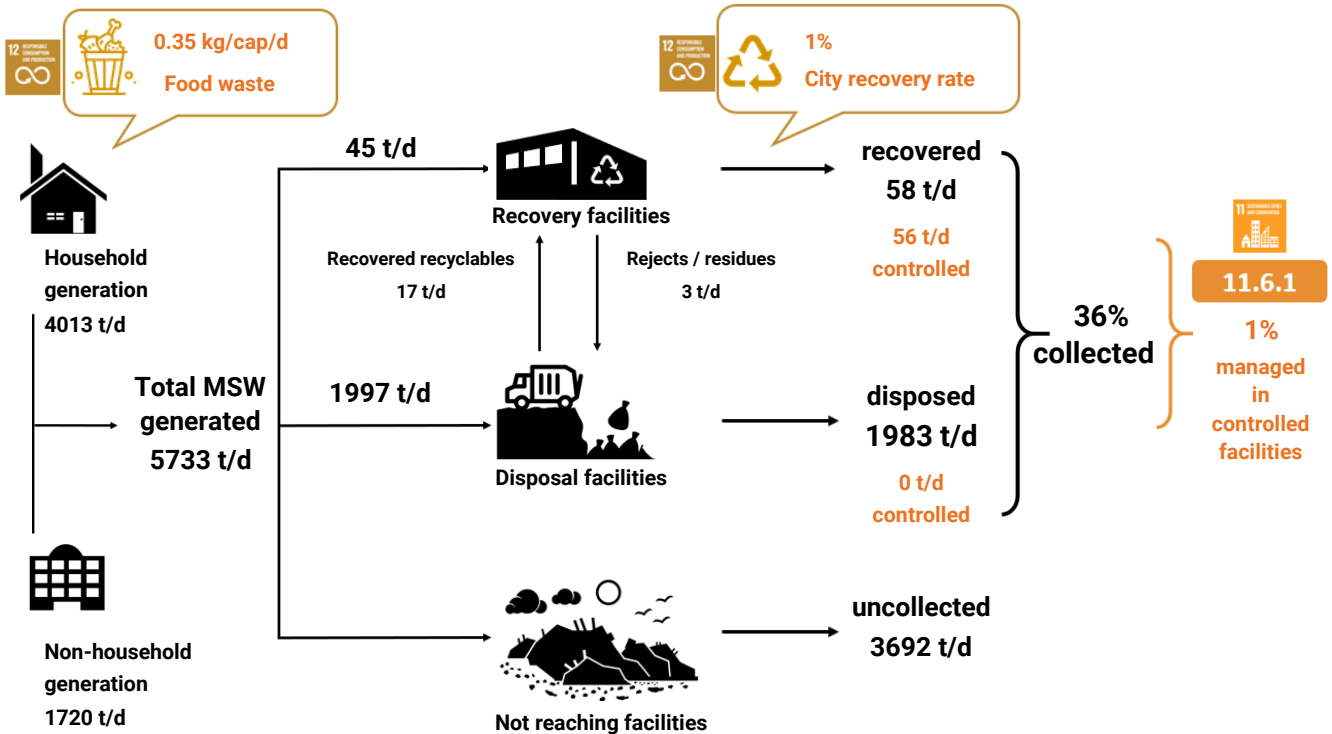
- Kitchen / canteen
- Garden / park
- Paper / cardboard
- Plastic film
- Plastics dense
- Metals
- Glass
- Textiles / shoes
- Wood (processed)
- Special wastes
- Composite products
- Other

Potential recyclables from households



Types	Recyclable waste generation from households (t/day)
Food waste	2360
Plastic film	80
Plastic dense	109
Paper and cardboard	133
Glass	121
Metal	142
Total	3,107

WaCT Flow Chart



For more info and if interested in WaCT application contact the Waste Wise Cities Team at WasteWiseCities@un.org