

FACTSHEET

Waste Wise Cities Tool in Cape Coast, Ghana



“Solid waste management is a major issue faced by the City of Cape Coast, the hub of Ghana’s tourism industry. Indiscriminate dumping, marine litter and uncollected solid waste pose a major threat to the tourism industry in Cape Coast. This threatens the local economy and its growth.

I was therefore, delighted that through our partners, the City of Bonn, we were introduced to the Waste Wise Cities Challenge. This assessment has come at a good time and we are grateful to the United Nations Environment Programme for the support. This data is going to be useful as we scale up programmes to deal with waste management in Cape Coast.

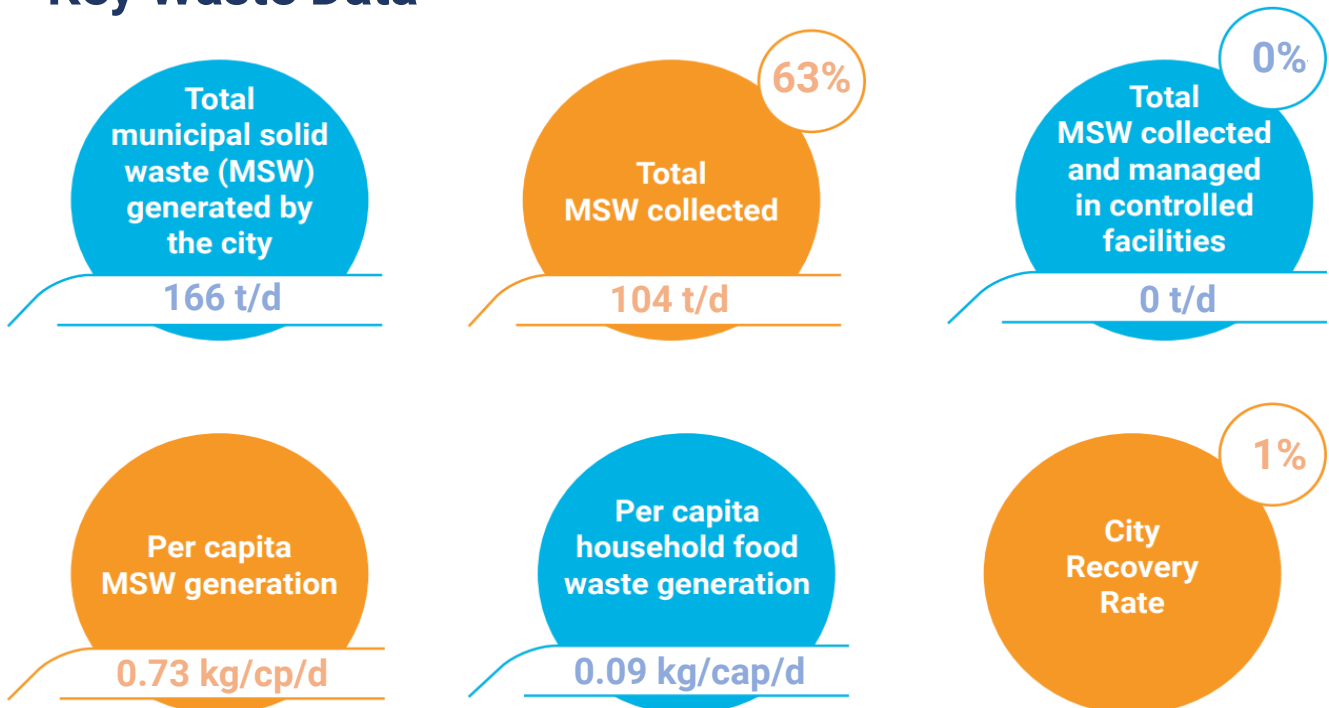
Mayor of Cape Coast

City: **Cape Coast**
Country: **Ghana**

Population: **227,828**

Year of WaCT Survey: **2021**

Key Waste Data



Household and non-household waste generation



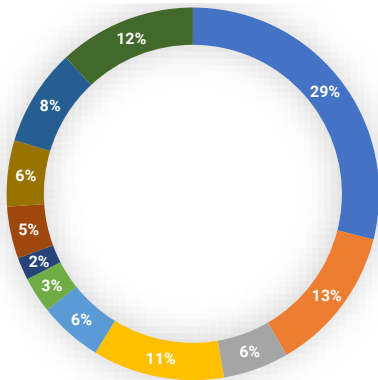
	Average household waste generation (kg/capita/day)	Total population	Total MSW generated by households (t/day)
High income	0.51	45,565	23
Middle income	0.46	102,523	47
Low income	0.38	79,740	30
TOTAL	0.44	227,828	101



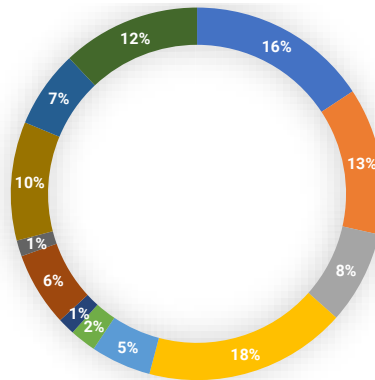
Total MSW generated from non-household sources (t/day): **65**
 calculated using proxy of 30 % of total MSW

Composition of waste at the households and at the disposal site

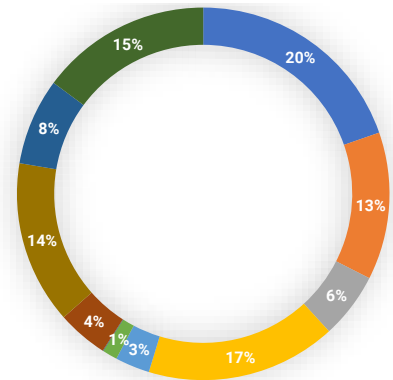
Household waste composition
higher income areas



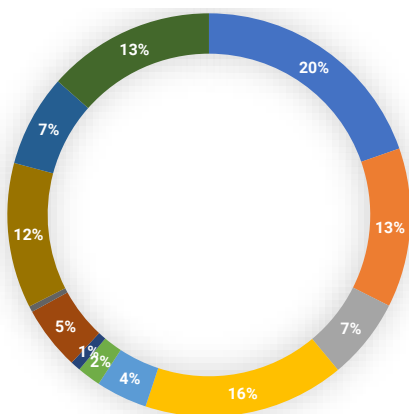
Household waste composition
middle income areas



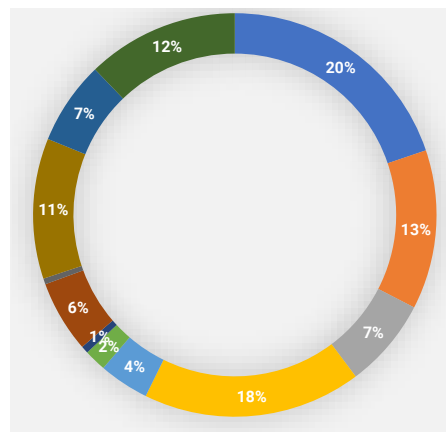
Household waste composition
lower income areas



Average household waste
composition



Waste composition at disposal site



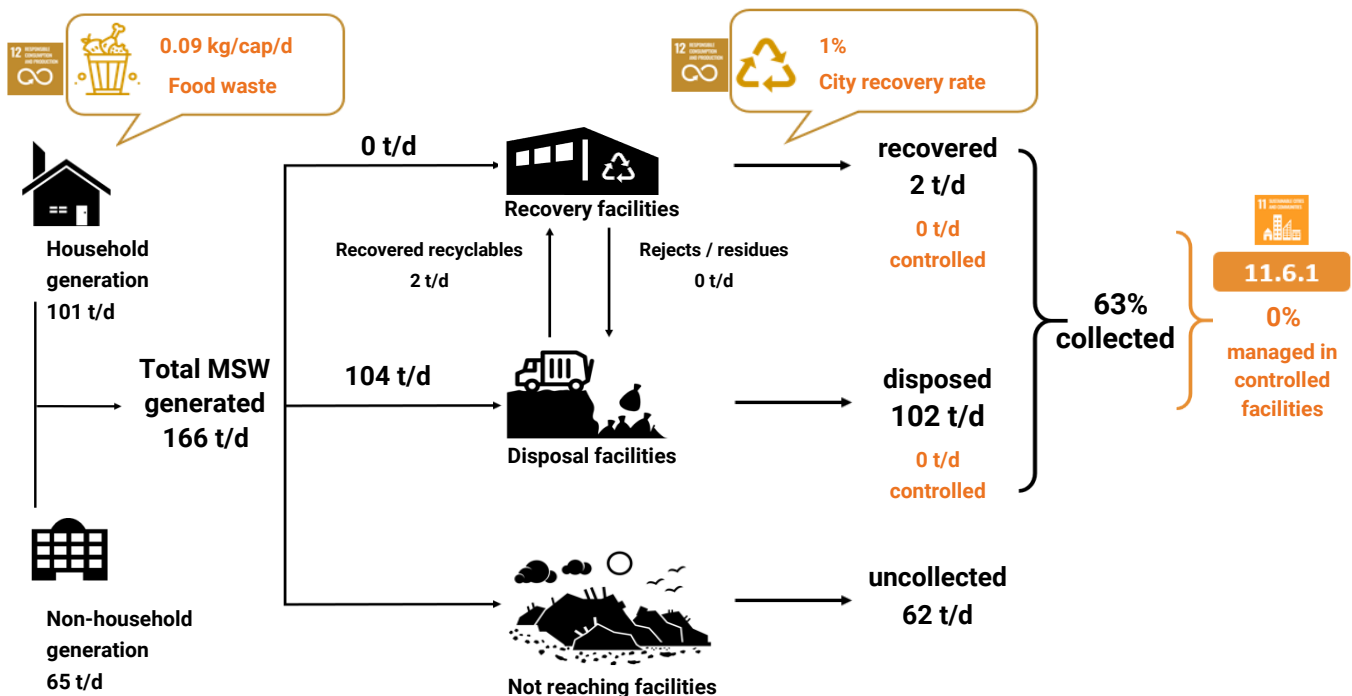
- Kitchen / canteen
- Garden / park
- Paper / cardboard
- Plastic film
- Plastics dense
- Metals
- Glass
- Textiles / shoes
- Wood (processed)
- Special wastes
- Composite products
- Other

Potential recyclables from households



Types	Recyclable waste generation from households (t/day)
Food waste	20
Plastic film	16
Plastic dense	4
Paper and cardboard	7
Glass	1
Metal	2
Total	50

WaCT Flow Chart



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

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FOR A BETTER URBAN FUTURE

**WASTE WISE
CITIES**

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IMPLEMENTING THE NEW URBAN AGENDA