



FACTSHEET

Waste Wise Cities Tool in Koidu, Sierra Leone





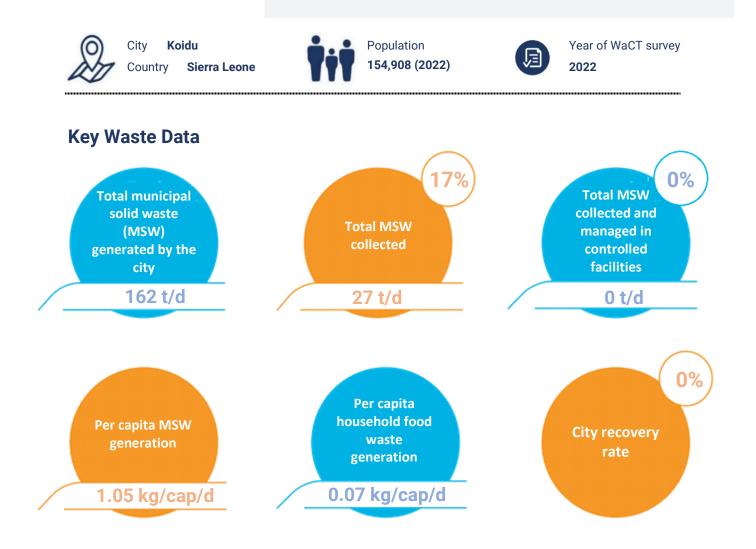
In the rapidly urbanizing world, the crisis in waste management and plastic pollution is a reflection of current unsustainable lifestyles.

The availability of fact-based data on municipal solid waste can guide evidence-based planning and lead to increasingly effective and efficient solid waste collection systems, enhanced local resource recovery and controlled waste disposal, thereby improving the quality of life for urban residents.

UN-Habitat's Waste Wise Cities Tool (WaCT) assesses the parameters for Sustainable Development Goal indicator 11.6.1 - the proportion of municipal solid waste collected and managed in controlled facilities out of total municipal solid waste generated, by the city. It consists of seven steps and provides the necessary data to support evidence-based decision making by city managers.

Together we can achieve a sustainable future.

Have a look at the Waste Wise Cities website, learn about the WaCT and how its application created impact on the ground in other cities.



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Household and non-household waste generation



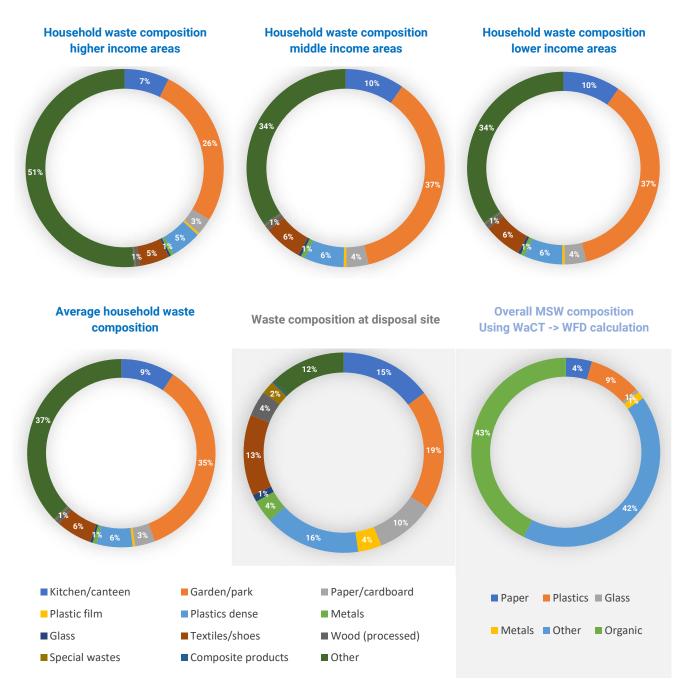
Ave	erage household waste generation (kg/capita/day)	Total population	Total MSW generated by households (t/day)
Higher income	e 0.69	20,138	14
Middle income	e 0.77	74,356	58
Lower income	0.69	60,414	42
TOTAL	0.73	154,908	113



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

49

Composition of waste at the households and at the disposal site

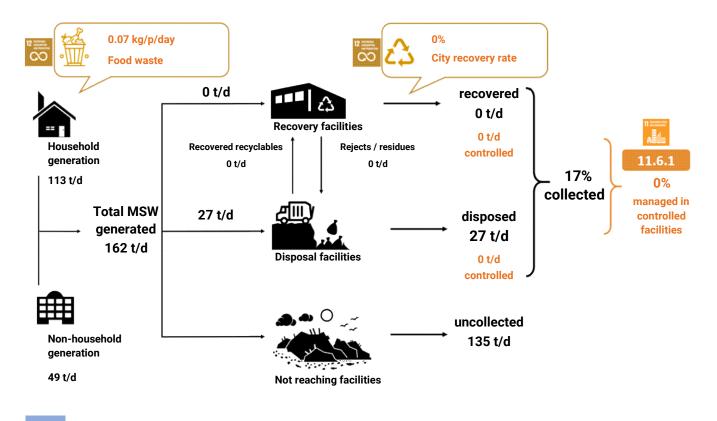


Potential recyclables from households

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Туреѕ	Recyclable waste generation from households (t/day)
Food waste	11
Plastics dense	7
Plastic film	0
Paper and cardboard	4
Glass	0
Metal	1
Total	23

WaCT Flow Chart



For more info and if interested in WaCT application contact the Waste Wise Cities Team at

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