

FACTSHEET

# Waste Wise Cities Tool in Sousse, Tunisia



Solid waste management is a very important environmental issue in Sousse, as waste production increases over time. The development of an integrated waste management system must be adapted to the social, economic and climatic conditions of the city, the design and development of such a system must be based on the analysis and assessment of municipal solid waste.

The city of Sousse joined the African Clean Cities Platform, and the Waste Wise Cities Program in order to improve the cleanliness of the city. The evaluation through the UN-Habitat Waste Wise Cities tool, was useful for Sousse to have a clear picture of the current state and to identify policy and infrastructure gaps and key areas of intervention for improving solid waste management. Based on the WaCT results, the Municipality of Sousse will develop an action plan that will facilitate the improvement of MSW management in Sousse. We hope that this work will lead to the development of the selective sorting and waste recovery in order to improve the cleanliness of the city of Sousse.

**Dr. Mohamed Ikbel Khaled**  
The Mayor of Sousse



City: **Sousse**  
Country: **Tunisia**



Population: **248,998 (2021)**



Year of WaCT Survey: **2021**

## Key Waste Data

Total municipal solid waste (MSW) generated by the city

**295 t/d**

Total MSW collected

**266 t/d**

Total MSW collected and managed in controlled facilities

**266 t/d**

Per capita MSW generation

**1.18 kg/cp/d**

Per capita household food waste generation

**0.47 kg/cap/d**

City Recovery Rate

**8%**

**90%**

## Household and non-household waste generation



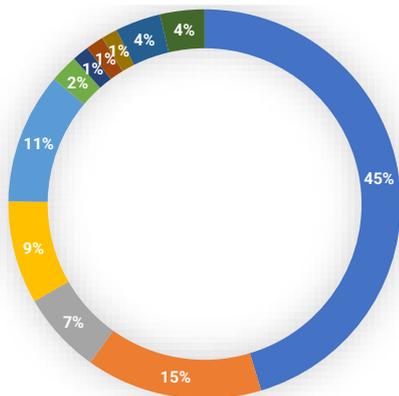
	Average household waste generation (kg/capita/day)	Total population	Total MSW generated by households (t/day)
High income	0.90	63,308	57
Middle income	0.83	158,023	132
Low income	0.64	27,667	18
<b>TOTAL</b>	<b>0.83</b>	<b>248,998</b>	<b>207</b>



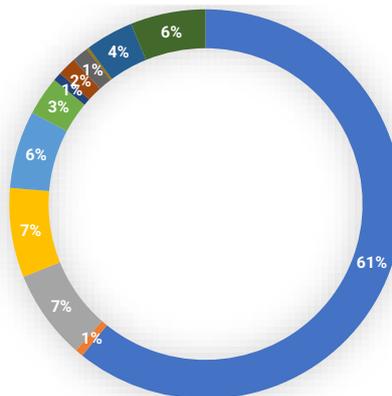
Total MSW generated from non-household sources (t/day): **89**  
 calculated using proxy of 30 % of total MSW

## Composition of waste at the households and at the disposal site

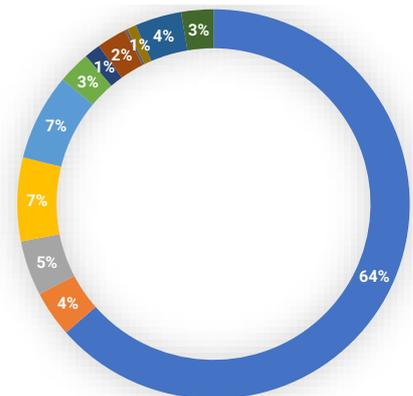
Household waste composition higher income areas



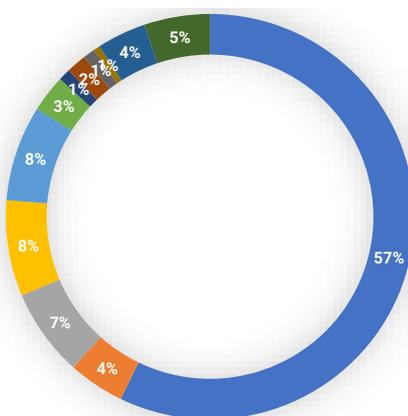
Household waste composition middle income areas



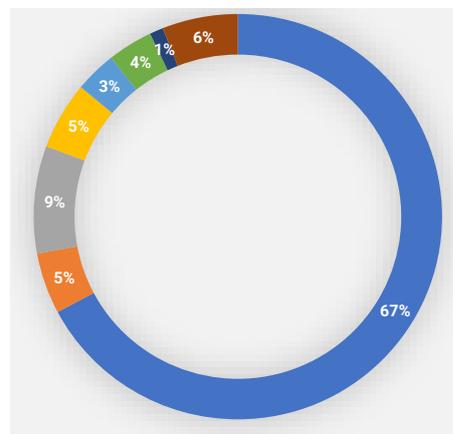
Household waste composition lower income areas



Average household waste composition



Waste composition at disposal site



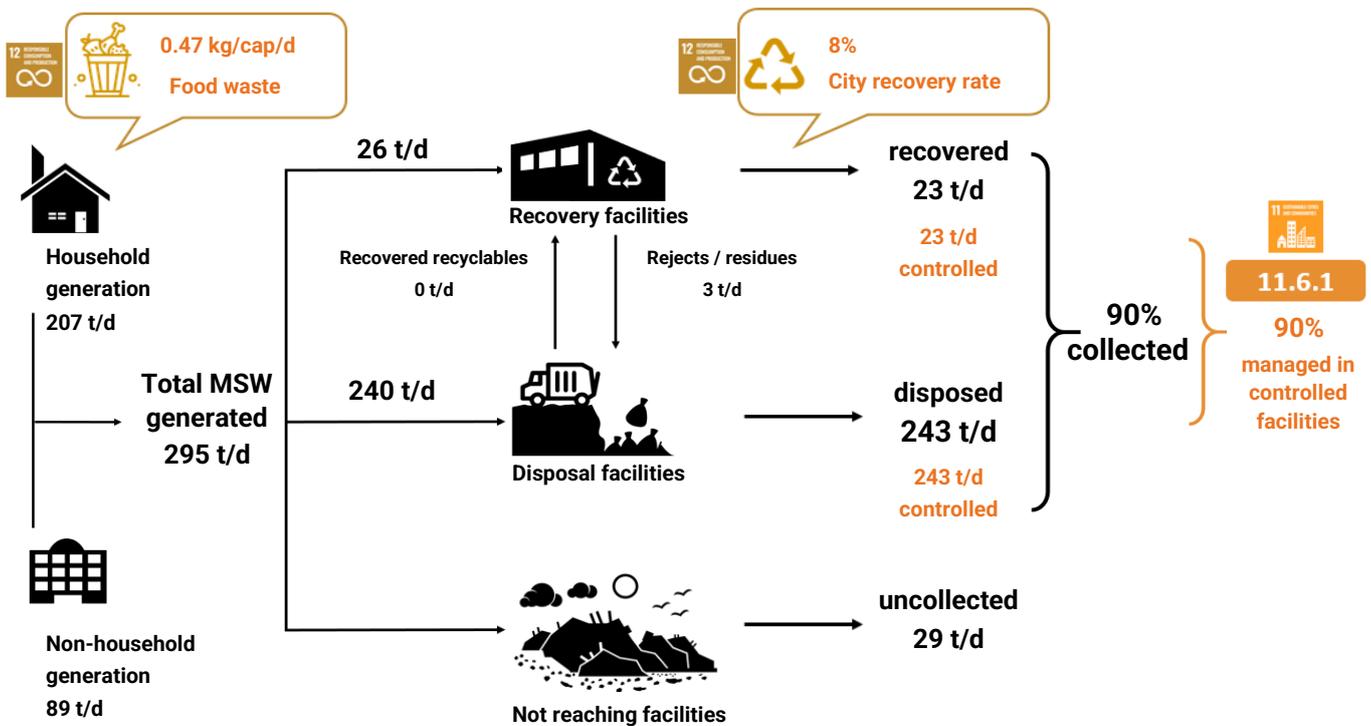
- Kitchen / canteen
- Garden / park
- Paper / cardboard
- Plastic film
- Plastics dense
- Metals
- Glass
- Textiles / shoes
- Wood (processed)
- Special wastes
- Composite products
- Other

## Potential recyclables from households



Types	Recyclable waste generation from households (t/day)
Food waste	118
Plastic film	16
Plastic dense	16
Paper and cardboard	14
Glass	2
Metal	6
<b>Total</b>	<b>175</b>

## WaCT Flow Chart



For more info and if interested in WaCT application contact the Waste Wise Cities Team at [WasteWiseCities@un.org](mailto:WasteWiseCities@un.org)