

WASTE WISE
CITIES



UN  HABITAT
FOR A BETTER URBAN FUTURE

*A better quality of life for all in
an urbanizing world*

Waste Wise Cities, African Clean Cities Platform

Waste Wise Cities Tool and Waste Flow Diagram, solid waste management and plastic leakage assessment tools for cities

Lander Bosch,
UN-Habitat

**2 billion
w/o waste
collection**

**3 billion
w/o access to
controlled
waste disposal**

**Business-as-
usual:
8 – 10 % of
global GHG
emissions**

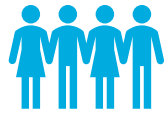


Every year 8
million tonnes
of plastic find
its way into the
world's oceans

Waste Wise Cities – Global Call for Actions



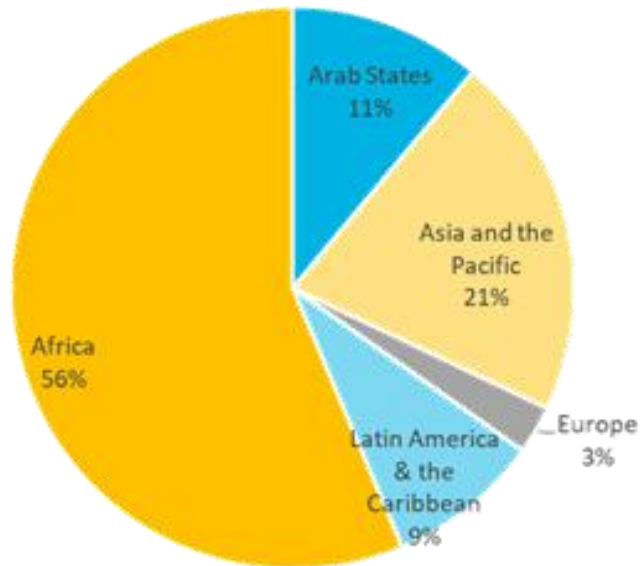
200 member cities



> 140 million inhabitants



40 affiliates



Regional Chapter for Africa (funded by Japan)

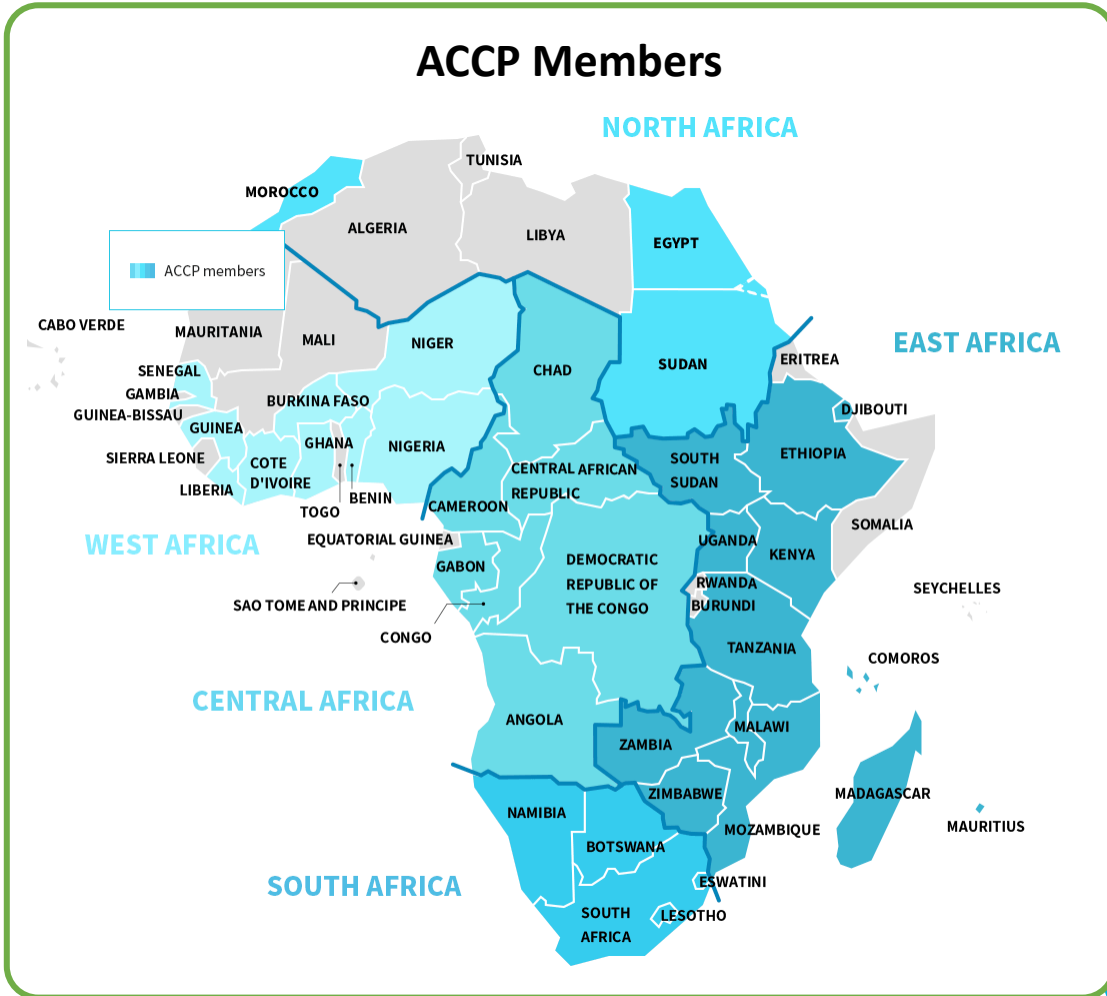


ACCP Secretariat

Steering Committee

2-3 members from ACCP Partners

- Support menu:**
- Capacity development and training on safe disposal of waste using Fukuoka method
 - WWC Tool application for waste policy and infrastructure gap identification in selected cities
 - Creation of investment cases
 - Organize 3rd General Meeting of ACCP in TICAD 8 in Tunisia



Action Areas



SDGs – Shed Light on Waste



Waste SDG Indicators



<i>Goal 11: Make cities and human settlements inclusive, safe, resilient and sustainable</i>		
<i>Targets</i>		<i>Indicator</i>
11.6	By 2030, reduce the adverse per capita environmental impact of cities, including by paying special attention to air quality and municipal and other waste management.	Proportion of municipal solid waste collected and managed in controlled facilities with regards to the total waste generated by the city



<i>Goal 12: Ensure sustainable consumption and production patterns</i>		
<i>Targets</i>		<i>Indicator</i>
12.3	By 2030, halve per capita global food waste at the retail and consumer levels and reduce food losses along production and supply chains, including post-harvest losses.	Food loss Index Food Waste Index
12.4	By 2030, achieve the environmentally sound management of chemicals and all wastes throughout their life cycle, in accordance with agreed international frameworks, and significantly reduce their release to air, water and soil in order to minimize their adverse impacts on human health and the environment.	Hazardous waste generated per capita and proportion of hazardous waste treated, by type of treatment
12.5	By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse.	National recycling rate, tons of material recycled

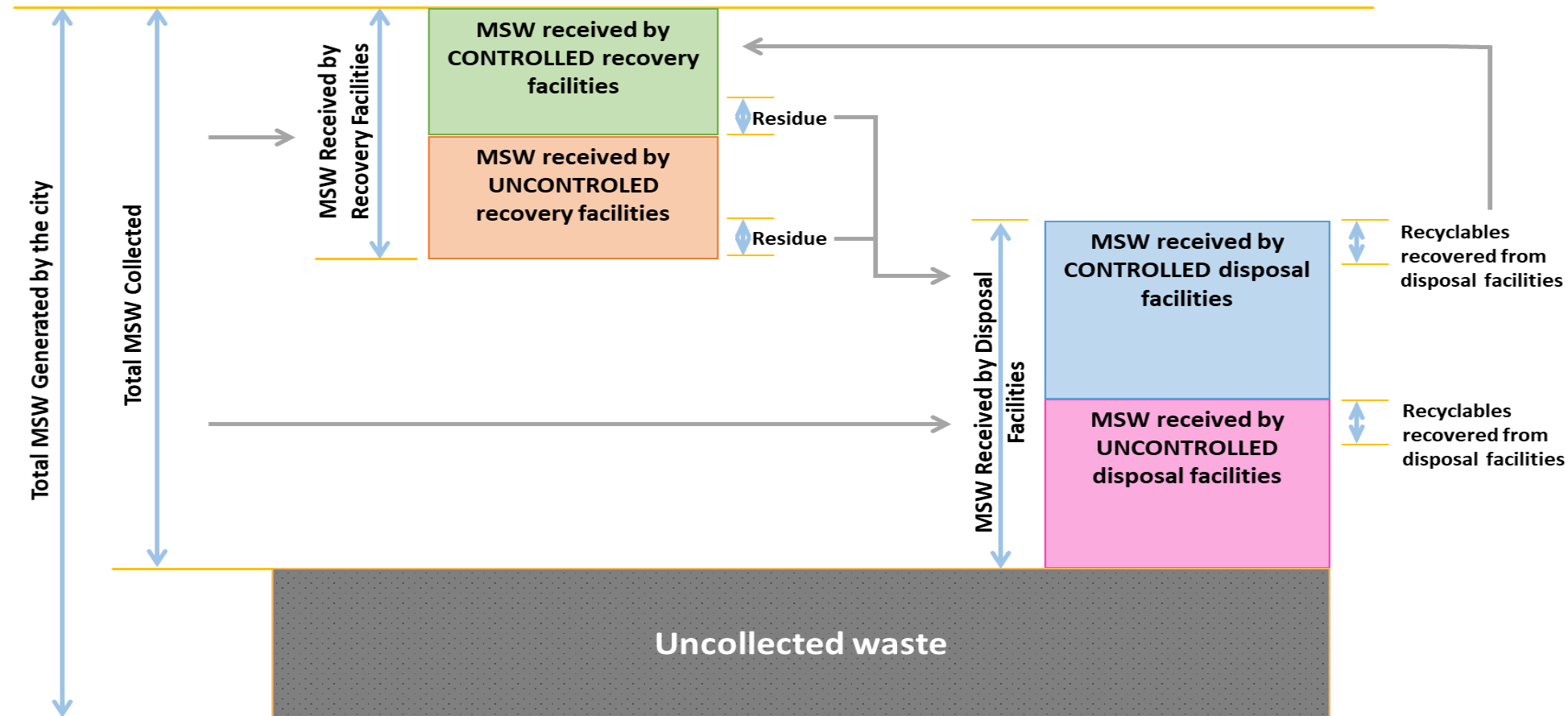


<i>Goal 14: Conserve and sustainably use the oceans, seas and marine resources for sustainable development</i>		
<i>Targets</i>		<i>Indicator</i>
14.1	Index of coastal eutrophication and floating plastic debris density	Tier 3. awaiting the development of internationally established methodology and standards



What WaCT Measures

% of MSW collected & managed in controlled facilities out of total MSW generated by the city

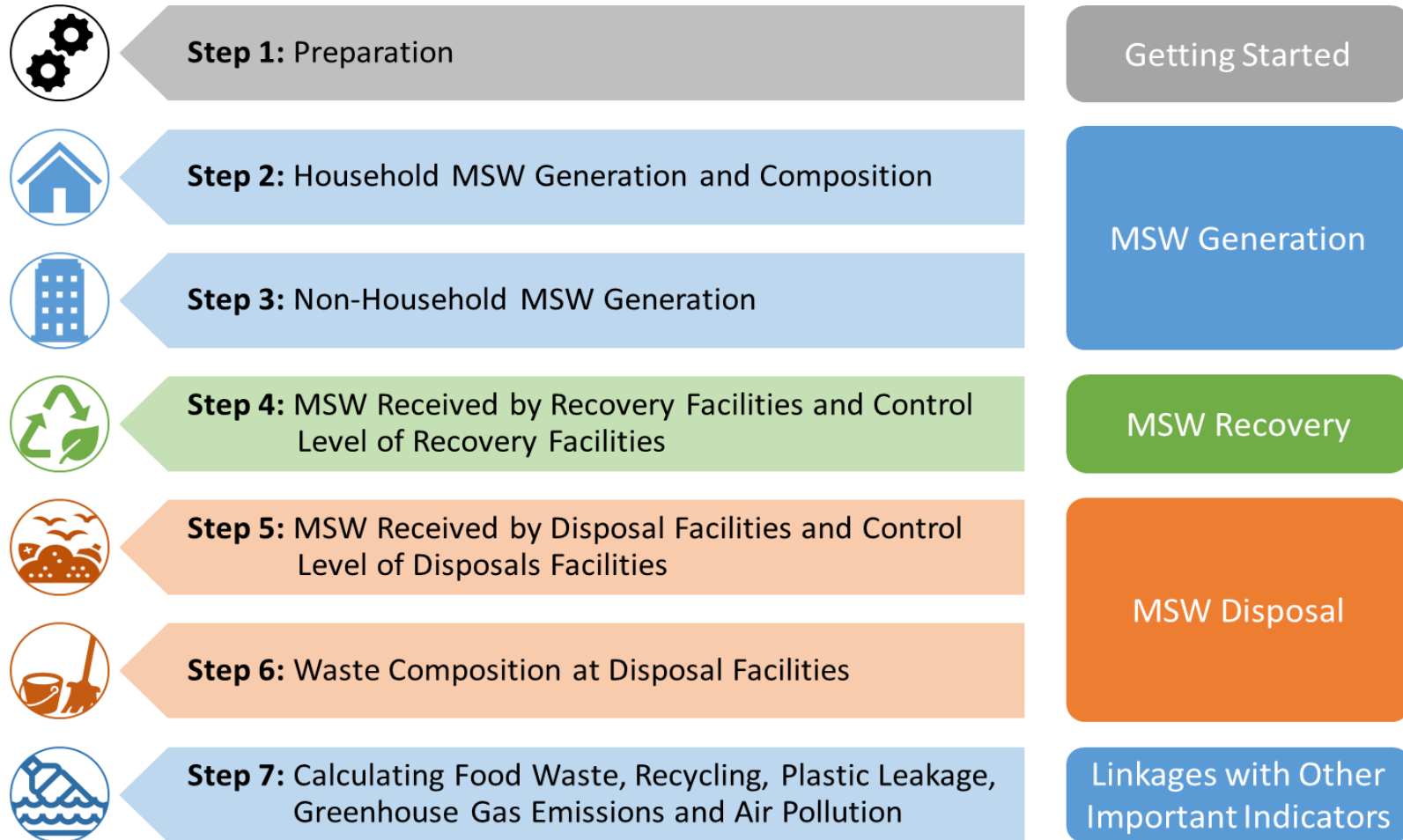


How Does WaCT Help Your City?

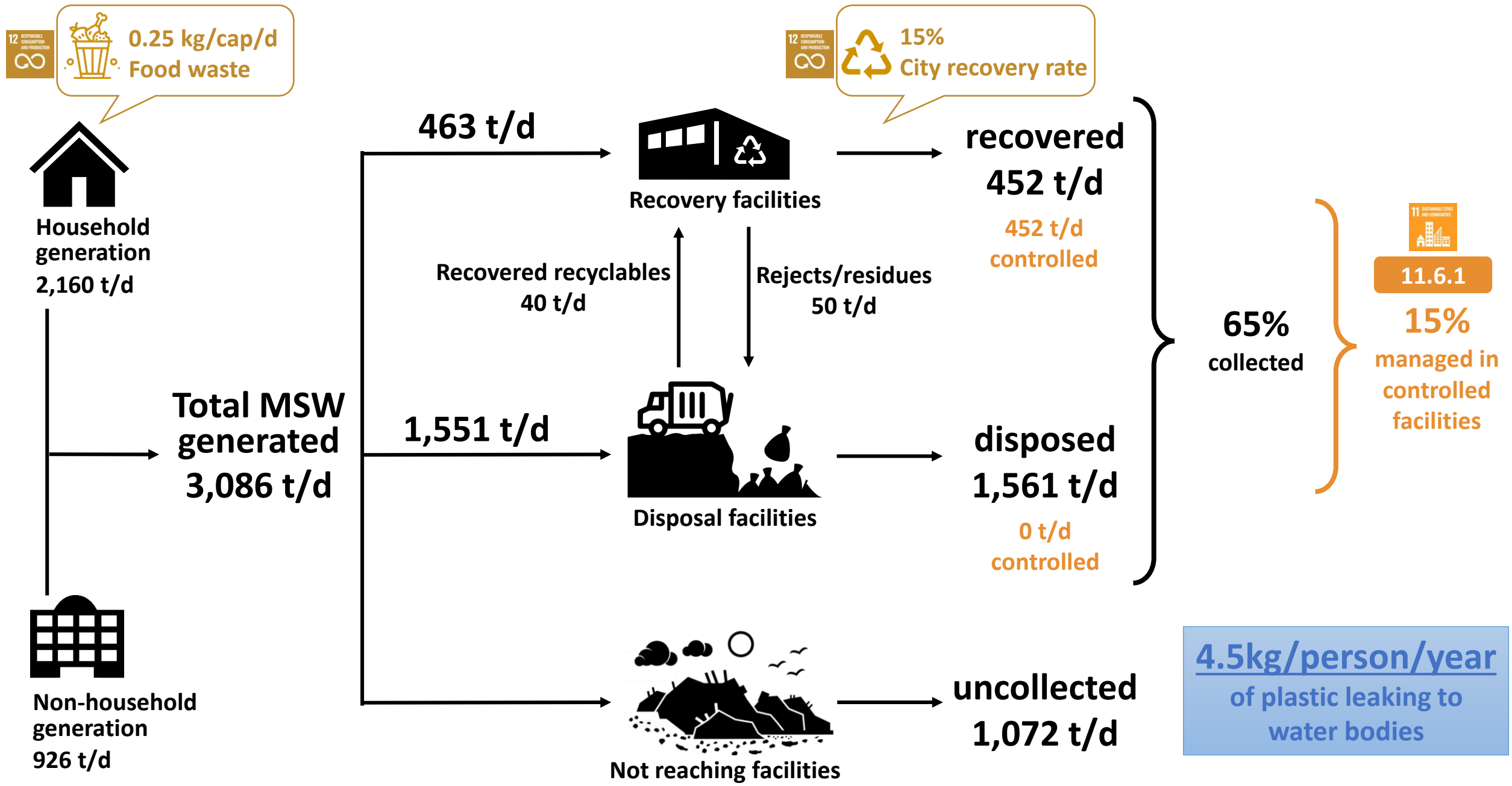
- Assess MSW generated, collected and treated in controlled facilities
- Identify the MSW recovery chain and its actors while engaging them in an inclusive and participatory way
- Check the environmental control level of waste management facilities
- Establish better waste and resource management strategies that create business and livelihood opportunities
- Provide data for large WM infrastructure investment cases to municipal corporation, waste stakeholders and investors
- Project development and funds mobilization



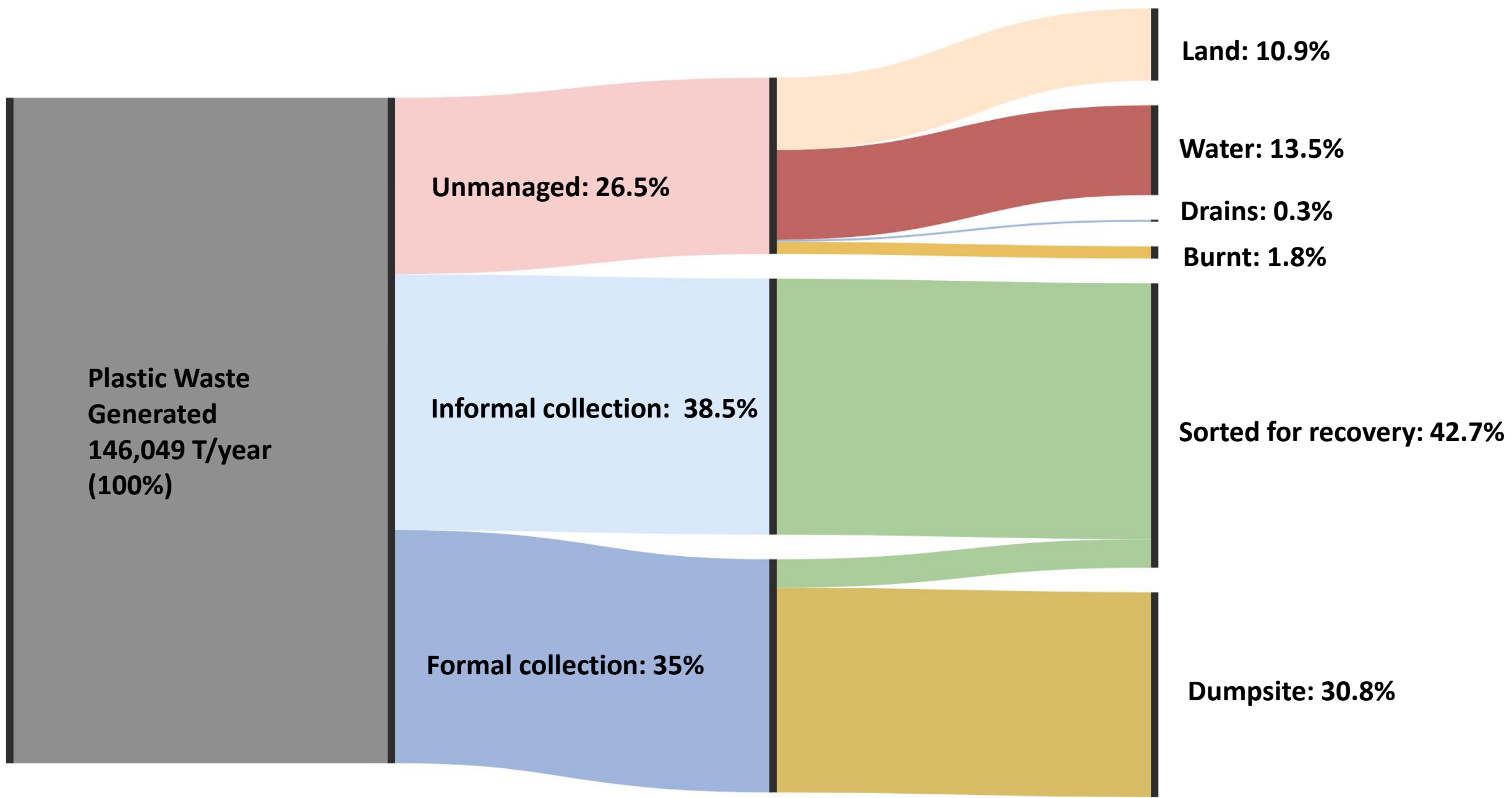
WaCT Steps



WaCT Flow Chart | Nairobi



Nairobi Plastic Waste Flow



**Plastic Waste
Generated
146,049 T/year
(100%)**

Unmanaged: 26.5%

Informal collection: 38.5%

Formal collection: 35%

Land: 10.9%

Water: 13.5%

Drains: 0.3%

Burnt: 1.8%

Sorted for recovery: 42.7%

Dumpsite: 30.8%

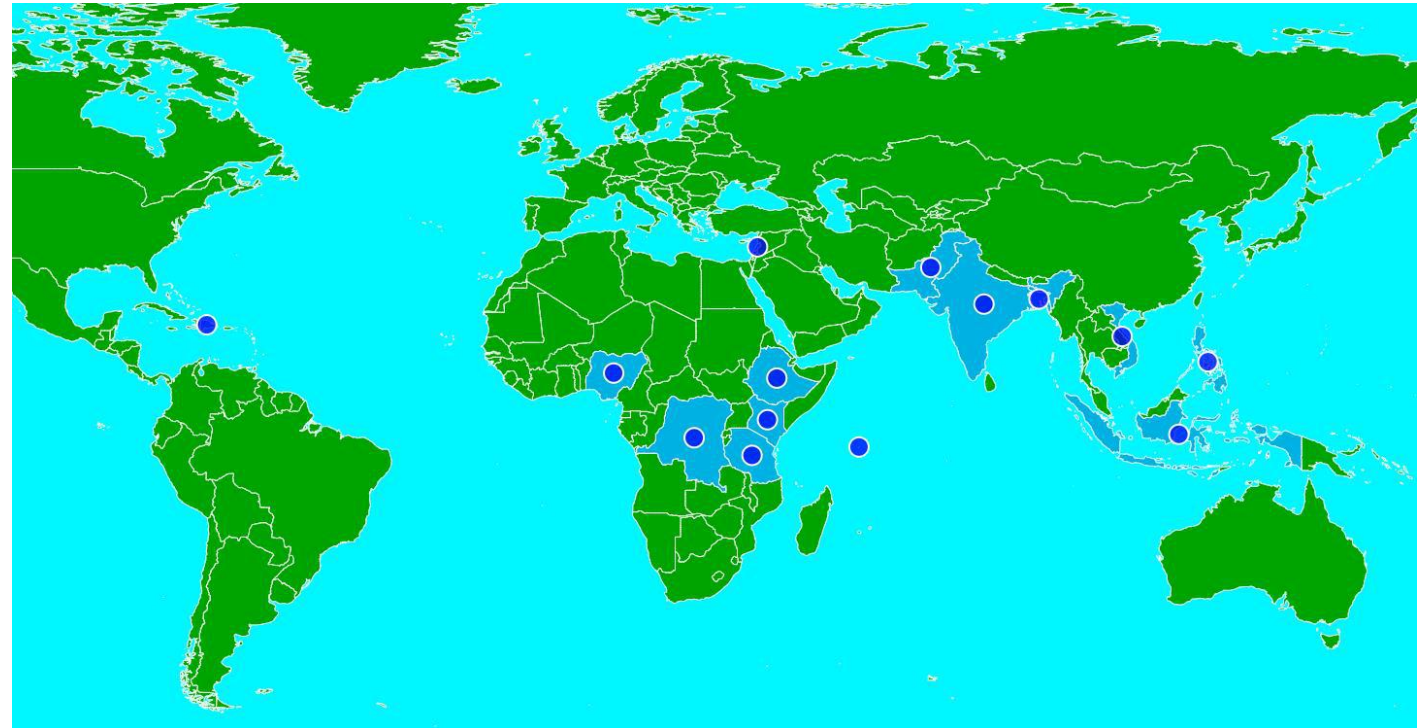
Nairobi Local Waste Stakeholder Workshop

Identify key intervention areas with stakeholders



Data to Action Approach Expanding in Africa

Alexandria, Egypt
Sousse, Tunisia
Tunis, Tunisia
Dakar, Senegal
Cape Coast, Ghana
Lagos, Nigeria
Bukavu, DRC
Dar es Salaam, Tanzania
Harare, Zimbabwe



<https://unh.rwm.global/Map>

Waste Wise Cities Tool



<https://unhabitat.org/waste-wise-data>

Thank you

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