

Global Plastic Treaty

Tanzania

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Nipe Fagio

OUR STATEMENT

To provide practical education and solutions on waste management to promote positive behaviour change

Our **OBJECTIVE** is to turn Tanzania into a replicable example in the pursuit of sustainable development in East Africa; encouraging the East African community to grow and develop to be a thriving clean economy supported by a conscious and engaged population.

Our **VISION** is a clean, healthy, and safe Tanzania.

Our **MISSION** is to raise awareness and engage civil society, the private and the public sector in pursuing a sustainable lifestyle, identifying opportunities to improve waste management and reduce urban pollution through education and actions that create economical value.

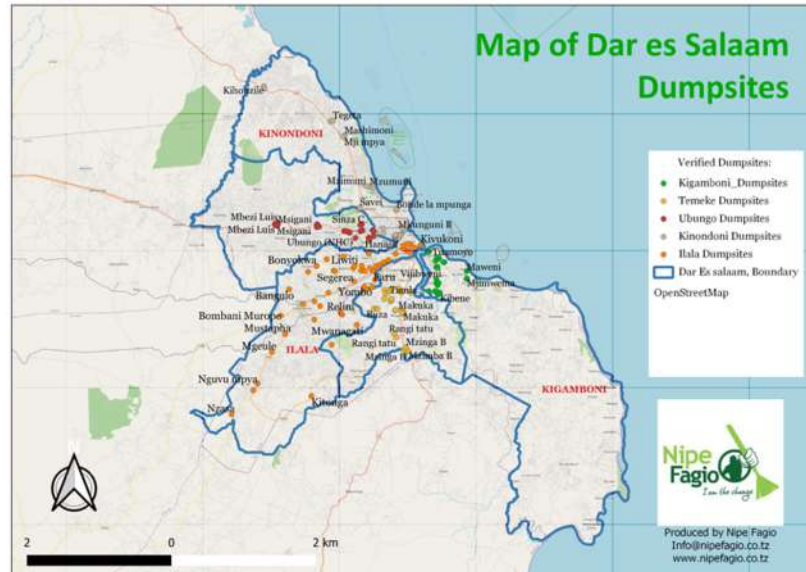
The Situation on the Ground

Waste (Mis)Management in Dar es Salaam

In the absence of basic waste transfer infrastructure rivers are being employed by Dar's residents as dumping grounds. Key reasons for crude dumping are:

- 67%, no alternative for disposal
- 7%, prevention of soil erosion
- 6%, land reclamation
- 3%, prevention of floods

A drone mapping exercise in 2019 along 8 rivers of the city identified **2,048 waste spots**, in and along rivers, 1,350 of directly within the riverbeds.



Waste (Mis)Management in Dar es Salaam

< 40% of households are estimated to have access to waste collection

70% of Dar es Salaam's population live in unplanned or underserviced areas

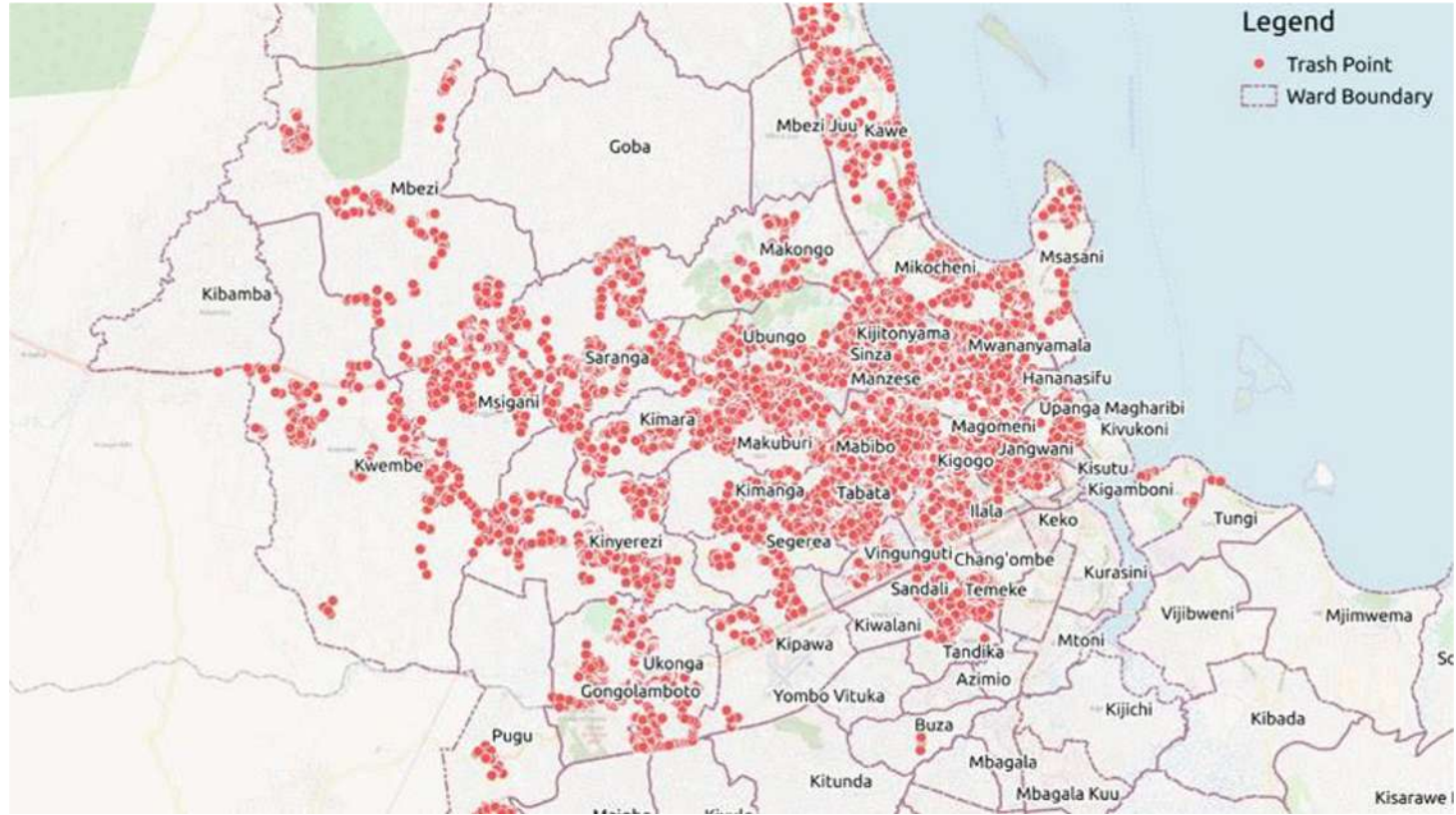


Water ways in Dar es Salaam



Low-income communities in Dar es Salaam

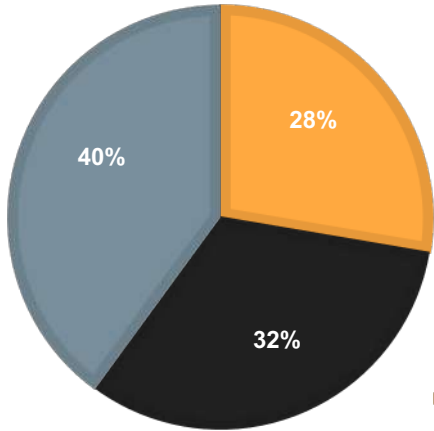
Illegal Dumping in Dar es Salaam



GHG Emissions in Dar es Salaam

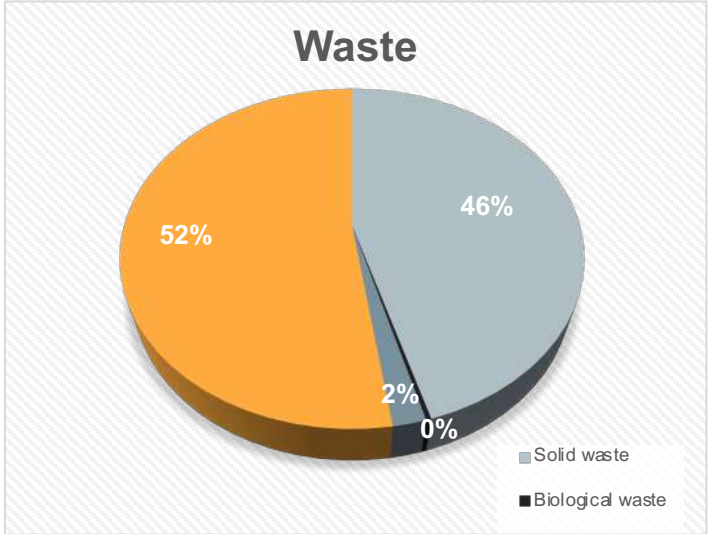
Total 2016 CO₂e emissions
8065907 tCO₂e

1.3 tonnes of CO₂e
emissions per capita in 2016



- Stationary energy
- Transportation
- Waste

Waste disposal and treatment produces GHG emissions through aerobic or anaerobic decomposition, or incineration.

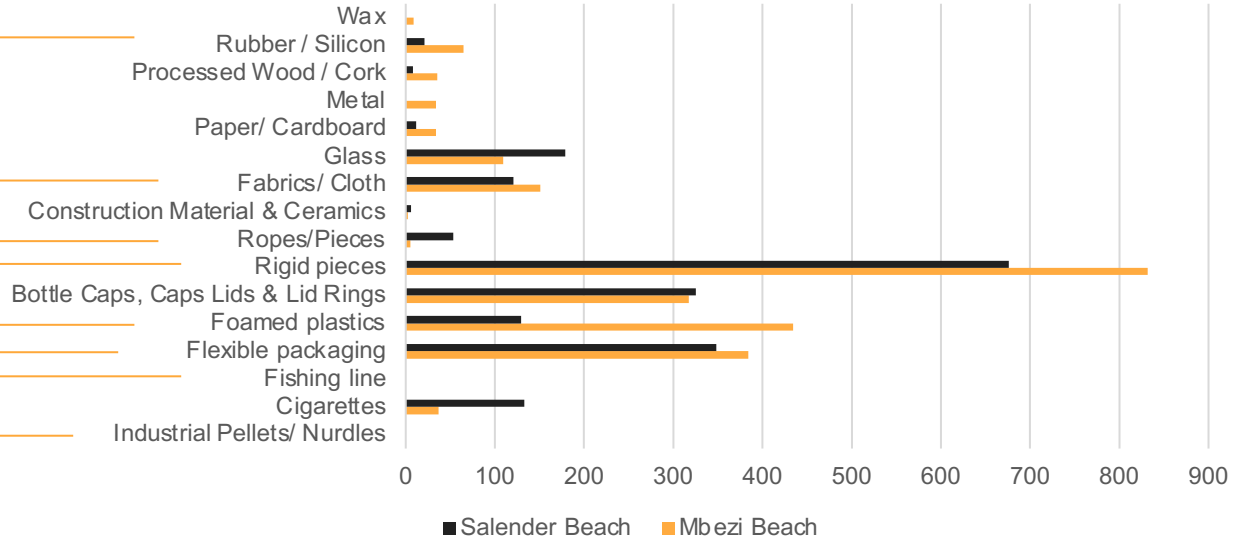


- Solid waste
- Biological waste

Plastic Waste

7 Beach mesolitter surveys conducted along the coast

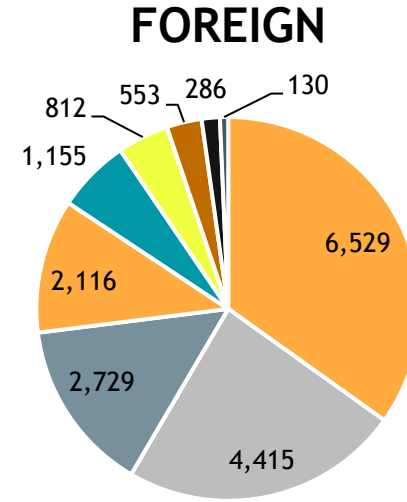
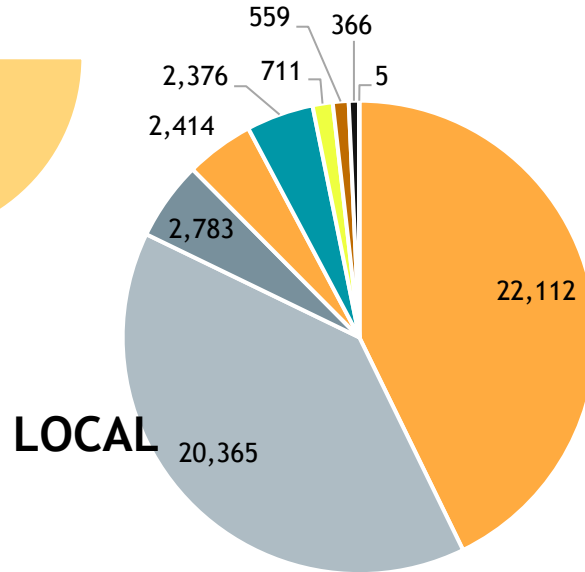
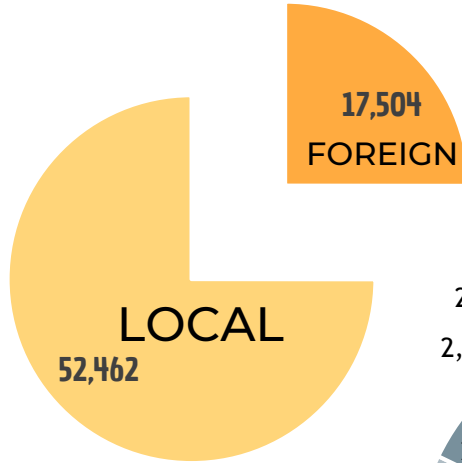
WIOMSA Marine Litter Monitoring Selander and Mbezi Beach mesolitter count



76%
Total

42%
Branded

Data Analysis



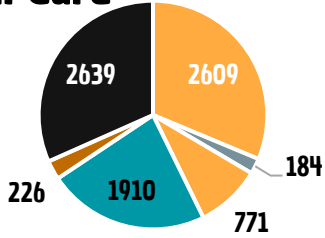
Legend for LOCAL: LDPE, PET, PS, HDPE, SL, O, ML, GLASS, PP

Legend for FOREIGN: GLASS, ML, PET, O, HDPE, SL, METAL, PP, PS

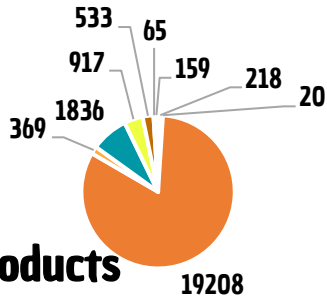
Data Analysis

Main Components: Plastic Bags and Product Bottles (HDPE), Sodas and Water Bottles (PET)

Personal Care



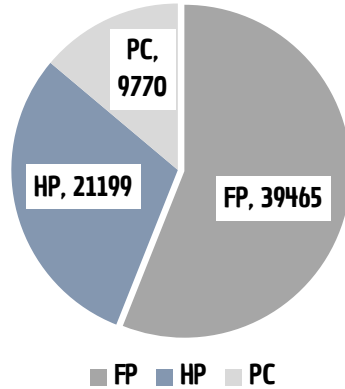
Legend: HDPE, LDPE, METAL, ML, O, PET, PP, PS



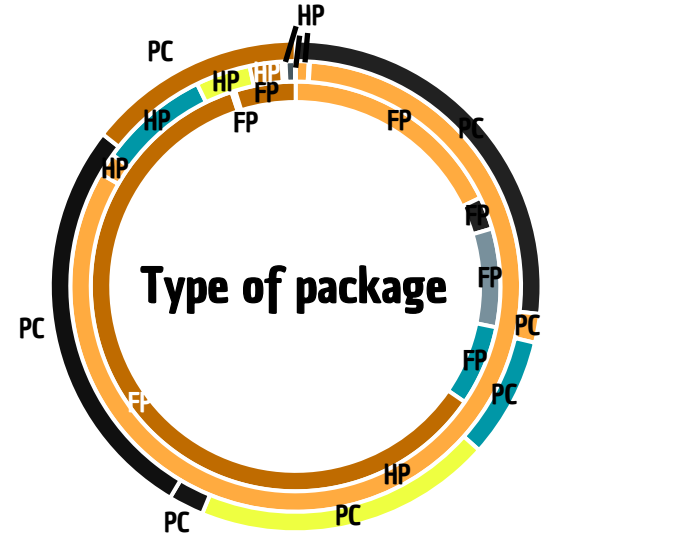
Household Products

Legend: GLASS, HDPE, LDPE, METAL, ML, O, PET, PP, PS

TYPE OF PRODUCT

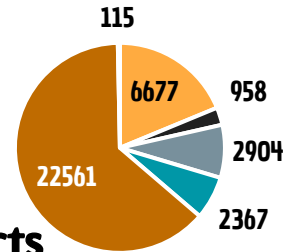


Legend: FP, HP, PC



Legend: GLASS, HDPE, LDPE, METAL, ML, O, PET, PP, PS, SL

Food Products

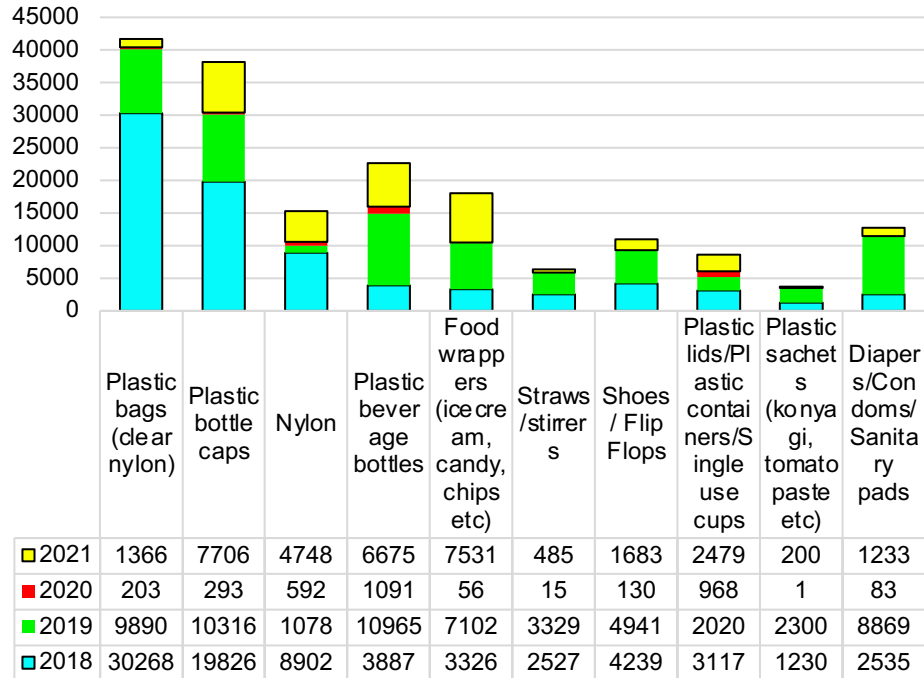


Legend: GLASS, HDPE, LDPE, METAL, ML, O, PET, PP, PS

The Impact of *Implemented* Policy

The Plastic Bag Ban in Tanzania

4 Year trend of top 10 plastic waste



The need for EPR

- Zero Waste implementation in the Global South shows that at least 20% of the waste collected is residual
- Regulating packaging and production is key for single-use plastic reduction
- Producer accountability releases the burden of waste management on the government and civil society

Producer Responsibility

		Unit Count					
SN	Parent Company	2018	2019	2020	2021	TOTAL COUNT	PERCENTAGE (%)
1	Mohammed Enterprises Tanzania Limited (METL)	1983	8277	443	2717	13420	31.12894621
2	Bakhresa Food Products Limited	1903	4707	201	3216	10027	23.2585651
3	U fresh food Ltd	308	2430	306	877	3921	9.095126534
4	Chemi & Cortex Limited	540	2681	84	109	3414	7.919092575
5	Watercom Limited	1357	815	23	252	2447	5.676045557
7	Uniliver Ltd	308	1038	205	715	2266	5.256199114
6	The Coca-Cola Company	1031	382	350	479	2242	5.200528867
8	Tanzania Distillers Limited	190	318	234	1263	2005	4.650785182
9	SBC Tanzania Ltd	296	1216	29	150	1691	3.92243279
10	Tanzania Breweries Limited	499	599	117	463	1678	3.892278073

69 of the 100 largest economies in the world are companies — not countries.

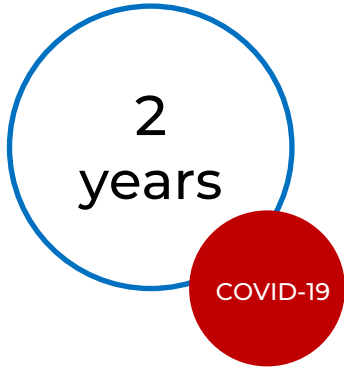
The NGOs' Role in Advocacy

Data and Advocacy

- To develop efficient models and bring them to action
- To survey solid waste management and produce reports that inform the government and increase accountability
- To advocate for inclusive solutions that align social justice and environmental stewardship


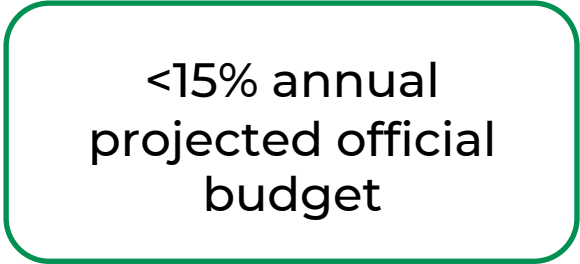
Zero Waste Model

2
years



COVID-19

<15% annual
projected official
budget



> 32,000 people
engaged





33 times more jobs in
one neighbourhood
than in the city



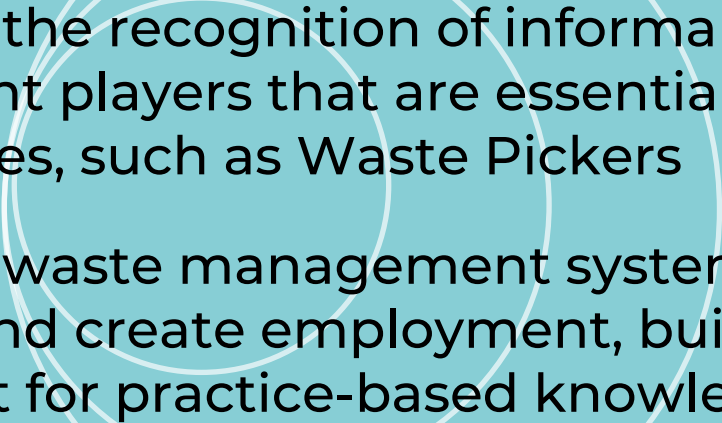
93% compliance to
segregation at
source



75%
reduction
in waste to
dumpsite



Social Justice

- 
- To promote the recognition of informal waste management players that are essential to increase waste recovery rates, such as Waste Pickers
 - To promote waste management systems that address inequality and create employment, build on local needs and account for practice-based knowledge

Informal Sector

- Waste Pickers are in the forefront of the plastic crisis. They collect 59% of all the plastic that is recycled globally (PEW report 2020)
- Waste cooperatives are essential to transitioning the informal sector to the formal economy, as recommended by the International Labour Conference in 2015
- In some countries, waste cooperatives are an accessible way to organize the informal sector without overburdening them with taxation and bureaucracy

Informal Sector and NGOs

- Create visibility to the informal sector, promoting recognition of value and fact-based understanding of their essential role in waste recovery
- Advocate for inclusive policies (e.g.: EPR locally, Plastic Treaty at UNEA)
- Facilitate appropriate work conditions for informal sector workers, that account for their dignity and increase waste management efficiency

Pledges being pushed by Nipe Fagio in Tanzania

Segregation at source to be mandatory in Tanzanian cities

Cooperatives to have mandate to service waste collection

Waste Pickers to be recognized as essential workers

The image features a solid orange background. In the center, there are three overlapping white circles of varying sizes. The largest circle is on the right, the medium one is in the middle, and the smallest one is on the left. The text 'The Plastic Treaty' is centered within the overlapping area of these circles.

The Plastic Treaty



An Opportunity to Use Global Policy to Influence Local Context

Advocate for the domestication of global agreements

Asanteni sana!

Thank you



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"We did not inherit the planet from our parents, we borrowed it from our children"