

Eco Track Solutions

- Smart Waste Management for Cleaner Communities

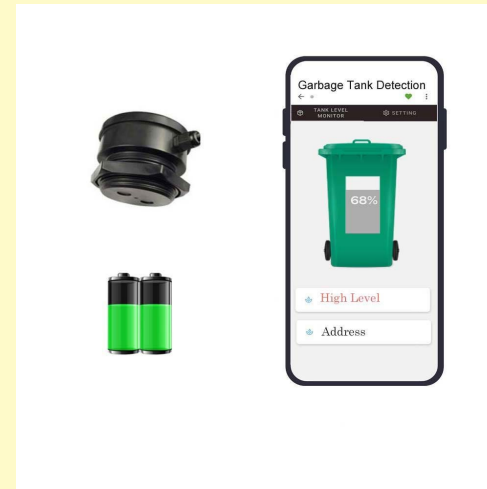


Problem

- Urban areas are experiencing a rapid increase in solid waste generation, yet monitoring and collection systems remain inefficient and poorly coordinated
- This challenge is compounded by insufficient capacity from Municipal Councils, particularly in providing enough waste collection vehicles and operational resources to meet household demand. As a result, uncollected waste contributes to environmental degradation and public health risks.
- Our solution aims to address both the inefficiencies in waste tracking and the gaps in resource provision—such as vehicles, operators, and logistics—to streamline and strengthen urban waste management systems.

Solution

- GPS-enabled smart bins



- Community data dashboards
- Recycler connection





Product

- Mobile/web platform with:
 - • Waste reporting
 - • Pickup scheduling
 - • Municipal dashboards

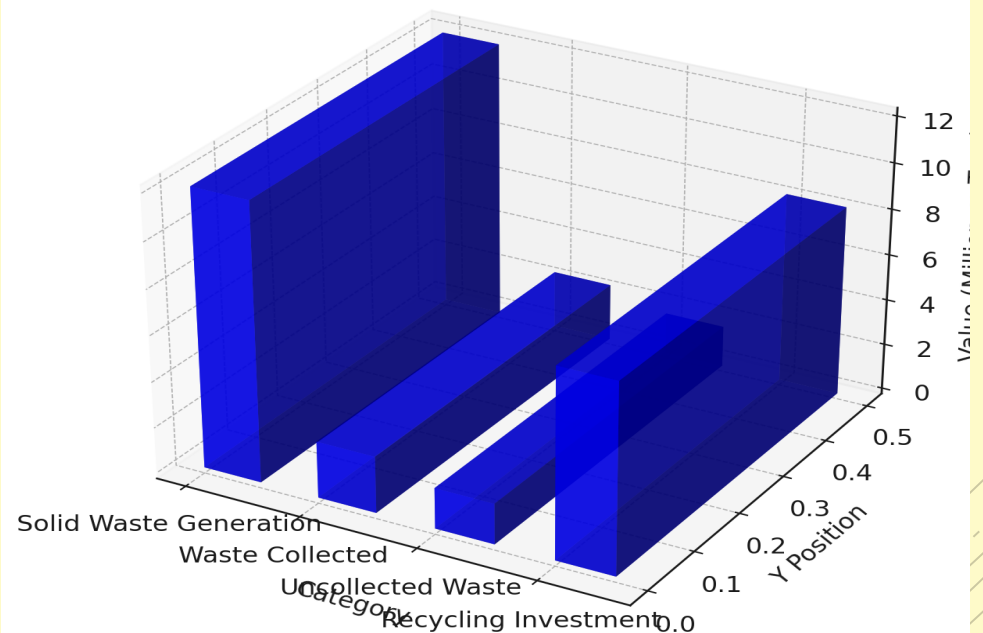
Statistics

- • 3/5 households lack regular collection.
- • Less than 50% of generated waste is collected, and a substantial amount is disposed of through burning, burying, or haphazardly into the environment.
- • Tanzania generates a large amount of solid waste, estimated at 12.1-17.4 million tonnes per year.

Market Size

- Tanzanian waste management market presents a substantial opportunity, with an estimated potential investment of USD 8.3 million in recycling alone. Tanzania generates a significant volume of waste, with Dar es Salaam alone producing around 4,252 tons of solid waste daily, though only about 2,473 tons are collected.
- This highlights a significant gap in waste management infrastructure and a large market opportunity for companies specializing in waste collection, sorting, recycling, and disposal.

Tanzania Waste Management Market Size



A green speech bubble graphic with a tail pointing downwards and to the right. The text "Target Market" is written in white inside the bubble. The background of the slide is a light yellow color with several thin, curved, concentric lines in a slightly darker yellow shade, creating a ripple effect.

Target Market

- • Urban households
- • Municipal councils
- • Waste Collection Vendors
- • NGOs
- • Recyclers

Competitors

- • Green WastePro Ltd-- private company that specializes in waste management.
- • The Recycler -- private company that offers waste management and recycling solutions in Tanzania.
- • TMHS -- specializes in hazardous waste management.

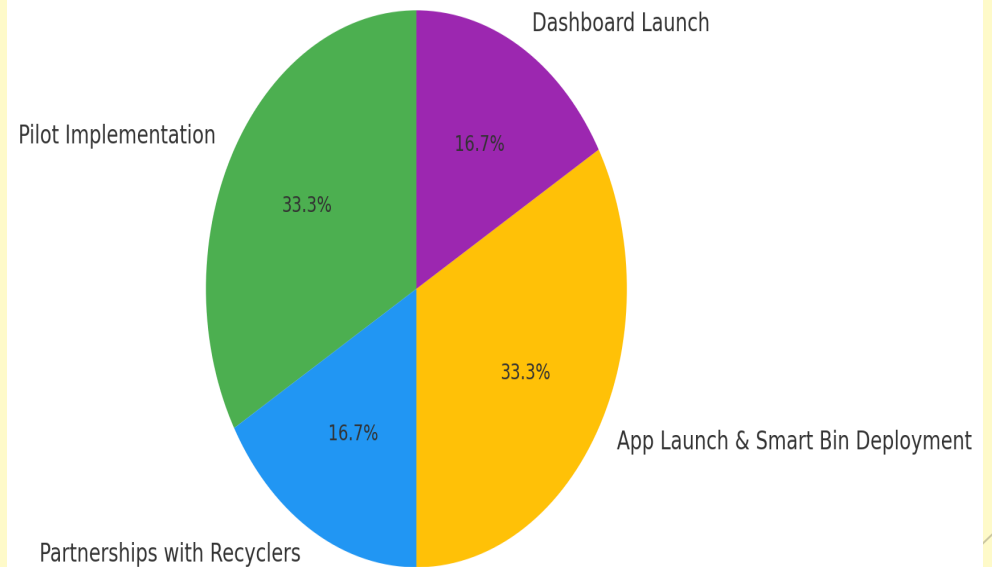
Competitive Advantage

- • Real-time data
- • Predictive scheduling
- • User rewards
- • First-mover in many regions

Project Traction

- Month 1–2: Pilot
- Month 3: Partner with recyclers
- Month 4–5: App & bins
- Month 6: Dashboard live

EcoTrack Project Timeline (First 6 Months)



Business Model

- • Municipal subscriptions
- • Recycler commission
- • Analytics services

Go-To-Market

- • Local influencer outreach
- • Demos to municipalities
- • Govt collaborations



Social Impact

- • SDG 11: Sustainable Cities
- • SDG 12: Responsible Use
- • SDG 13: Climate Action

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Our Ask

- \$75,000 for tech development and pilot deployment

Team



Lutfia Mosi – Ops Lead& Developer



**Obadia Sama – Community Liaison &
Data Scientist**

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Contact

■ Email | Phone | @EcoTrack



THANK YOU