



Giving every business across Africa a cost-effective green packaging alternative.

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WHATS HAPPENING ACROSS AFRICA?

There is a growing demand for green and sustainable food packaging across the African continent.

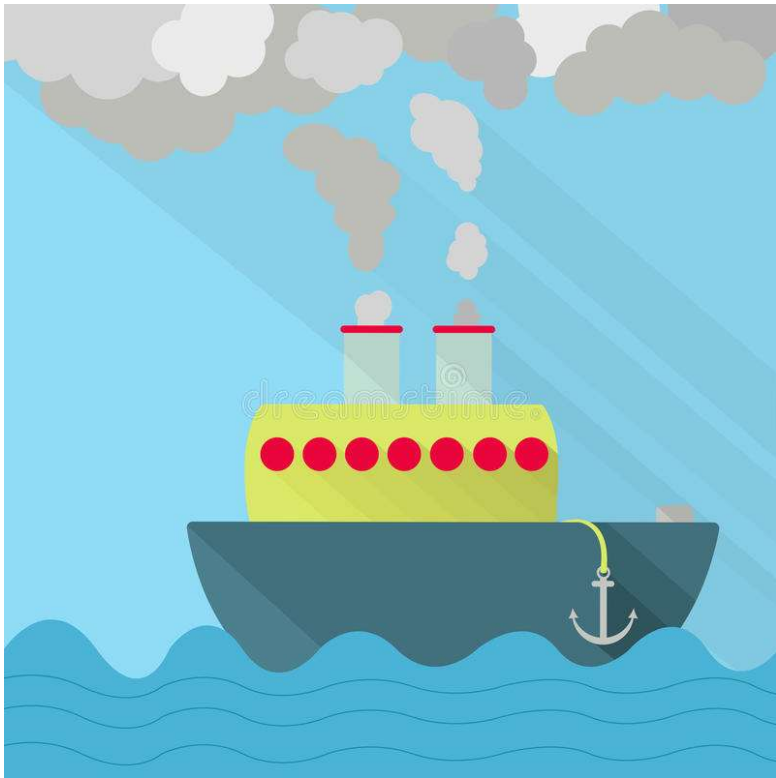


PROBLEM

This has come due to the widespread effects of **plastic pollution**. This pressure is coming from;

- Customers.
- Government policies.





Existing 'green' packaging is all **imported**, making them significantly **more expensive** than oil-petroleum derived alternatives.



OUR SOLUTION

VEGETABLE & FRUIT TRAY



TAKEAWAY CONTAINER



INNOVATION

1. Made of Starch/biofibre composite material using our **proprietary technology**
2. Customised design including branding.
3. Multiple/customized sizes possible.
4. Packaging delivery service with Order any quantity.
5. Locally Bio-sourced material & Bio-degradable product.

Cassava crop:

- Grown in 40 out of 53 African countries.
- 100 Million T with 5% for industrial applications.
- Low market price, at \$124 per Tonne with maize at \$250



Agricultural waste

Unutilised resource

- Banana stems
- Sugarcane bagasse
- Corn stover



TARGET MARKET

FOOD PACKAGING MARKET

CUSTOMERS

- Street food vendors
- Restaurants
- Retail & grocery stores

GLOBAL

\$304.9B

AFRICA

\$6.3B

EAST AFRICA

\$500M

UGANDA

\$50M

SWOT ANALYSIS



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STRENGTHS

Locally sourced materials , shorter supply chain

WEAKNESSES

Behavioural change required



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OPPORTUNITIES

Policy
Africa's demographic
Locally sourced materials
Short supply chain

THREATS

Competition from large foreign companies



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BUSINESS MODEL

FAST FOOD CONTAINER

\$0.14 per container
30% margin

5% lower than existing competitors



- Fast food restaurants
- Street food vendors

- Retail & Grocery stores
- Organic farmers



FRUIT & VEGETABLE TRAY

\$0.12 per tray
30% margin

TRACTION

100 TRAYS PER DAY

Production rate at mini-pilot scale

\$1000 REVENUE

Gross revenues in 3 months of production

Product Market Fit with Fruit and Vegetable Trays

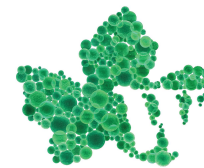
BIODEGRADABILITY CONFIRMED

Compostability tests carried out

AWARDS



- **WEGE PRIZE 2020 AWARD.**
- **INVENT FOR THE PLANET, TEXAS A&M UNIVERSITY.**



WEGE PRIZE



TEXAS A&M
UNIVERSITY.

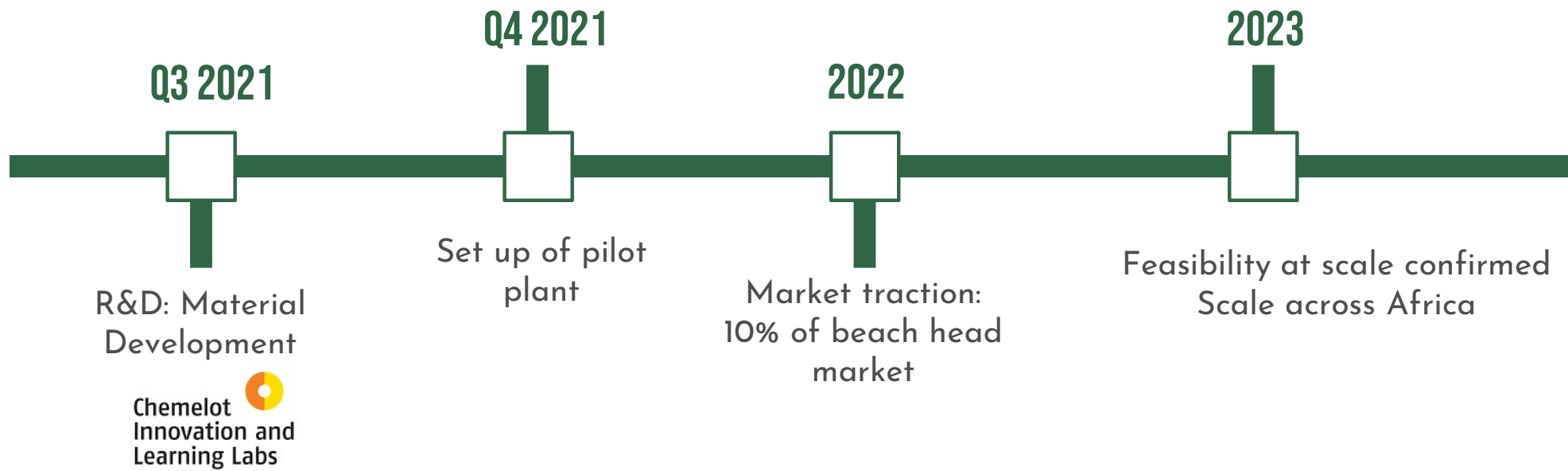


THE ASK:

\$250,000

Investment Ask: Non dilutive funding,
Convertible note & debt

GOING FOWARD



TEAM



MUSINGUZI MARK

TEAM LEAD

Business development,
Material Scientist.



SSEKIMPI DENNIS

Research Lead

Biomaterials
Researcher.

MUSUMBA EMMANUEL

**Product Design and
Development**

Process control &
Optimization



KWIZERA PIKE

UX Designer

Machine Design, CAD
specialist, Visualization.



**DR. ALYSIA
GARMULEWICZ**

ADVISOR

Director, Materiom



MIKE WERNER

ADVISOR

Lead for Circular
Economy, Google..



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