



**EcoBrixx**  
Building Zero Waste Communities



# Executive Summary



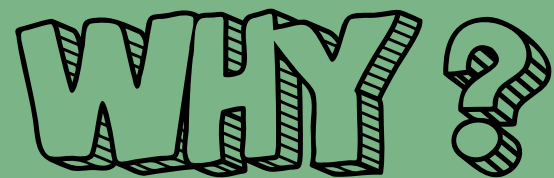
Eco Brixs is a plastic recycling enterprise which uses a sustainable circular economic model to address the challenges of plastic waste and high unemployment levels in Uganda.



Eco Brixs collects, recycles, and processes plastic waste into Eco Products for a ready market. Addressing plastic pollution and lifting people out of abject poverty through sustainable employment. Operating since 2017 Eco Brixs has a plastic waste collection network that has seen 3,000 people delivering plastic into one of our 44 Buy-Back centers and engaging in earning through the recycling economy.



Eco Brixs model is replicable and scalable to achieve our vision of being the Biggest Recycler in East Africa with franchises across the developing world.



Eco Brixs recycling is focused on people and the planet. Driving green job creation through sustainable conservation.

**Eco Brixs is a business driven approach to development**





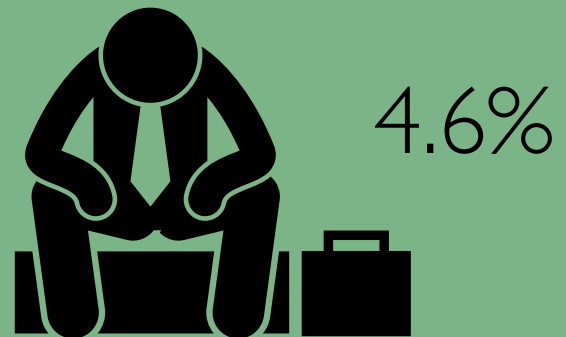
# Problem

**Uganda has no formal solid waste management systems, a fast growing population and the largest population of refugees in the world.**



Plastic waste disposed of  
everyday in Uganda

- Only 10% Recycled
- 50% Burnt Illegally
- 112,000 particles of plastic in Lake Victoria per sq Mile



Youth unemployment rate  
in Uganda

- 70% of the prison population are youth
- 77% of the population are Youth



Displaced refugees in  
Uganda

- Conflicts in DRC , Burundi & South Sudan
- 80,000 new toilets needed
- 29% of people don't have access to safe WASH facilities





# Impact





# Waste Plastic Flow



## COLLECT

Collection trucks with 2 ton capacity collect from aggregating sites buying per kg



Eco Brixs 53 trained Community Collection Hubs & new sites within refugee settlements



## PROCESS



All our operations are housed on a 2 acre fully certified waste collection site

Eco Brixs crushing line can process 1 ton of plastic waste an hour, creating PET Flake sold into up stream circular economy in Kampala

Toliet slabs are sold to Red Cross in large quantities for refugee settings across East Africa & into private construction industry as affordable high quality option

Eco Brixs industrial injection mold & extruder machines turn plastic waste into Eco Lumber products replacement for wood & concrete

Excess plastic sold to international circular economy processors

## SELL





# The Figures



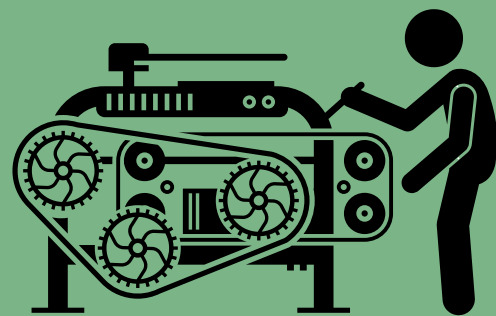
Eco Brixs revenue has tripled over the last 3 years and we are ready to grow and expand impact even further

Revenue increase by  
year

2022 \$104,131

2023 \$387,933

2024 \$610,818



**Production** - PET Production creates 80% of our revenue whilst Eco Lumber HDP production is 18%



**Collection** - Currently expanding into Mbarara, Kabale, Fort Portal, Kalangala, and Kasesse. Target to have over 5,000 people earning income through recycling.



**Administration** - 50 full-time staff with M&E, Finance, Procurement, collection and production departments. Plus 10 part-time staff.



**Market** - Eco Brixs sells into the following major sectors. **Agriculture, Tourism, NGO, and Construction Industries both B2B and B2C.**



# Partnership with Makerere



## Eco Brixs can partner with Makerere University across:

### Research -

- **Product Testing** - Eco Brixs is producing new products monthly - and requires lab tests to support UNBS certification.
- **Environmental Research** - Eco Brixs has been apart of international studies completed by Cambridge University, InfoNile and Journalists. We would love to work with PHD students to complete focused research on plastic pollution and the recycling process.
- **Internships** - Eco Brixs has had 50 students complete internships and we would love to grow that with Makerere.
- **Be Makerere Official Recyclers** - Eco Brixs can be the recycler of Makerere University. Joint Funding a baling machine at Campus to maximize recycling capacity. Target 25 tons a month of material.





# The Team



**Eco Brixs full-time team of 50 staff is led by an experienced management team with a wide berth of experience.**

**Andrew Bownds**

CEO & CO-FOUNDER

OVER A DECADE OF EXPERIENCE IN ENTREPRENEURSHIP



**Fr James Ssendege**

CO-FOUNDER

MASTERS IN RELIGION & ENVIRONMENT



**Georgina Elliot**

CO-FOUNDER

EXPERT IN ENVIRONMENTAL LAW & INVESTMENT



**Andrew Teale**

COO UK

BUSINESS A& PROJECT MANAGEMENT MASTERS



**Saffina Nantongo**

CFO

QUALIFIED ACCOUNTANTS



**Salma Elias**

COO UGANDA

PROJECT & FACTORY MANAGEMENT,  
HR SPECIALIST



**Bashira Mirembe**

MONITORING & EVALUATION)

M&E & PROJECT MANAGEMENT DEGREE



**Mike**

CTO

10 YEARS WORKING IN  
RECYCLING



**Martha Nalukenge**

COMMUNICATION MANAGER

A DECADE OF EXPERIENCE IN COMM'S WORK



**Esther**

RECEIVING MANAGER

7 YEARS WITH ECO BRIXS



**Carol**

FINANCE OFFICER

DEGREE IN FINANCE &  
DEVELOPMENT SCIENCE



**Juma Matovu**

COLLECTION MANAGER

12 YEARS WORKING IN LOGISTICS



**Ronald**

PRODUCTION MANAGER

4 YEARS WITH ECO BRIXS

