

The Flipflopi: East African Innovation & Heritage to Tackle Plastic Pollution

- 400m ton/a produced
- ~50% of all plastics is SINGLE USE
- <14% is being recycled
- Landfilled, burnt, washed up

THE FLIPFLOP

Innovation, Heritage, Change

Convene, Inspire, Educate, Movements, Influence

THE FLIPFLOPI

EXPEDITIONS



Convene, Inspire, Educate, Movements, Influence



THE FLIPFLOPI

THE CIRCULAR ECONOMY INTO REMOTE COMMUNITIES: LAMU, KENYA





WASTE RECOVERY CENTRE

THE FLIPFLOPI







Community Collections (16 months)

- 220 tonnes collected
- 3 islands + mainland
- Hard Plastic, Soft Plastic, PET
- Largest share of collectors are women
- 22% reduction in recyclable plastics at the landfill
- 50% reduction in solid waste (Municipality)

Challenges

- Infrastructure (roads)
- Logistics (islands)
- Gunias



PRODUCTION

ROJEC





R&D

- Crusher, extruder, agglomerator
- 1000+ pieces of lumber extruded HDPE, PP, gunias, mix
- In-house production of moulds, automated washing systems

Challenges

- Poorly designed plastic products sinking HDPE
- Lack of stable electricity and access to Phase 3 connection









40+ product lin



BOATBUILDING

1.1.1.1.1.1.1.1.1.

SAV NO TO SINGLE-USE SINGLEC. PLASTC.



Vocational training college

- Opportunity to get more youth into embracing traditional craftsmanship (high demand, few artisans)
- Circular economy, machinery, craftsmanship
- 30+ students trained
- Training women boat builders & carpenters

Challenges

- Institutional delays
- Identifying a local trainer



THE FLIPFLOPI

THE FUTURE





ND0G0 2.0

FLIP

AOJEC

Im





