



The lack of waste management poses a health risks for the population, including children. © IOM 2023

Ibo island (in Ibo District) is the most populated island in the Quirimbas National Park, recently designated a UNESCO biosphere reserve thanks to its rich and diverse environment which includes crystal clear waters, coastal and mangrove forests, and its stunning variety of plants and wildlife.

Since the outbreak of the conflict in Northern Mozambique in 2017, Ibo District has hosted more than 25,000 Internally Displaced Persons (IDPs) (IOM DTM, April 2023). The increase in population in a remote and fragile environment, hit by conflict and natural hazards such as Cyclone Kenneth in 2019, has led to increased and uncontrolled waste in the district, exacerbated by the lack of a waste management system.

## SOLID WASTE CHARACTERIZATION, IBO ISLAND (2022)\*

### DAILY PRODUCTION OF 7 TON OF WASTE

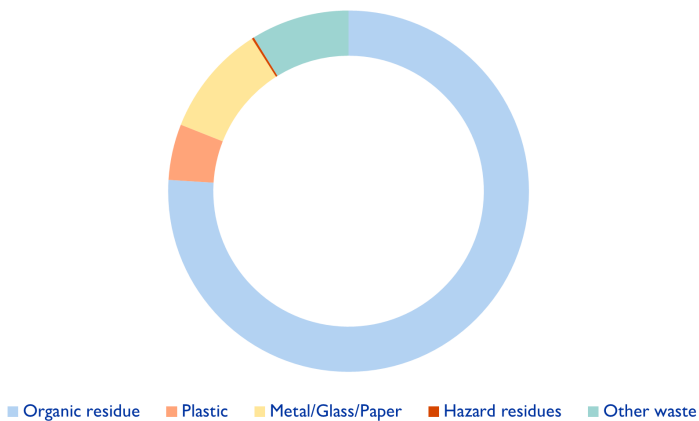


Figure 1. Relative proportion of waste disposed of in one day in Ibo Island as per the solid waste characterization (2022).

\* Assessment conducted by Oikos in 2022.



Most of the waste is concentrated on the beach. © IOM 2023

FROM WASTE TO WEALTH: IMPROVEMENT OF SOLID WASTE MANAGEMENT IN IBO ISLAND

As a response to this identified need and in commitment to contributing to better environmental practices in insular areas, IOM aims to improve solid waste management in Ibo Island. The intervention is being carried out through a **community-led approach**, creating an **economic incentive for recycling** through the “waste to wealth” approach.

The project aims to increase community awareness and provide environmental education to the displaced and host communities, with the objective of reducing solid waste on the island and reusing the waste already produced.



Figure 3. Stakeholders engaged in the implementation.

**AWARENESS RAISING**



**FROM CLEANING CAMPAIGNS TO WASTE-TO-WEALTH**



**PLASTIC RE-USE**

- Environmental education provided across the island to reduce amount of solid waste and reuse waste produced focusing on neighbourhoods with a higher amount of waste and population density.
- Awareness raised among the residents about the plastic collection and “waste to wealth” initiative by the local civil society organization ASMOG.

- Plastic collected from the community being stored in a location identified by local authorities, prior to be shredded upon arrival of the machine.
- The plastic is analyzed and weighed for the calculation of the value to be given to the person through a voucher according to the established rate.
- The voucher can be exchanged for cash immediately at the office of the ASMOG.

- The plastic collected so far is being used to make ecobricks, which are offered for sale to contribute to the upkeep of the plastic bank. Craft designs are also being made.
- After the arrival of different machines, it is planned to continue with other processes such as crushing, melting and moulding the plastic, engaging local artisans in the production of different products.
- The profit obtained will be returned to the community and will maintain the plastic bank and the production of products with the reused plastic.

**KEY ACHIEVEMENTS MARCH - APRIL 2023**

**15** ton of plastic collected

**690** families benefited

**3,690\$** exchanged for plastic

**Plastic shredder machine** purchased, to be donated to local government

**Storage areas** rehabilitated



Plastic bank activists analyze and weigh the plastic. © IOM 2023



Ruquia received income from the sell of plastic. © IOM 2023



Ruquia planned to buy food and school uniforms with the income generated from the sell of plastic. © IOM 2023



Plastic bank activists store the plastic. © IOM 2023

Thanks to the support of:



In partnership with:



For more information on the above activities please contact IOM Mozambique WASH Programme Manager Ms. Angelica Rada, at [arada@iom.int](mailto:arada@iom.int).