

Plastic Recycling Value Chain

Overview

Over 1.46 million households in Lagos produce 14,000 tonnes of waste of which 3,000 tonnes, is plastic waste, representing about 36% of the total waste generated. Plastic waste is a big problem in Lagos; with only 10% of the daily waste generated recycled.

The linear economy operated in the past and also in the present means that the remaining 90% of plastic waste ends up in drainages and the oceans, disrupting the ocean ecosystem and leading to menacing floods. This challenge has been identified as a business opportunity. Currently, we are working with over 4,000 entrepreneurs in the value chain and this has been their source of income.

The recycling value chain is implemented in Lagos state and was selected in 2021.

Reason for Selection

- Job opportunities for over 10,000 women and youths in Lagos State
- Potential GDP contribution with an estimated USD 1 billion market value
- Potential positive environmental impact
- Potential income generation of USD 250 million
- Growth opportunity with over 15,000 commercial ventures

Challenge

Nigeria spends N1.8 trillion on plastic importation. The indiscriminate disposal habits of plastic and public attitude towards consumption and disposal of plastic have led to thousands of tonnes of plastics littered around the environment on land and waterways. This has caught the attention of stakeholders to investigate sustainable solutions for curbing the plastic menace.



Value Chain Map

