



PUBL72

Bright Lemchi

Gowasteline Companies

Date of Birth: - Gender: Male

Applied as: Team

Nigeria

Education: West African Examination Council (WAEC)

Urban and Public Design

Zero Waste Campaign

Gowasteline is a social enterprise that champions massive waste collection and recycling services, addresses poverty, unemployment, and climate change challenges by using plastic waste as a currency to exchange value. Leveraging technology, our business provides people living in indigent communities with the opportunity to capture value from their waste to live healthier, longer lives. Our users earn 'GREEN POINTS' for every plastic waste deposited with us, which can be redeemed for cash, as health insurance, school fees, utility bills, groceries or funds to start a micro business. Recovered plastics are sorted, pre-processed and sold as raw materials to produce polyester fiber used in textile industry, food grade plastics, car parts and other useful products.

Source of plastic: The plastics are retrieved from homes and from illegal dumping sites as well such as; streets, gutters, drainages and the ocean.

Type of plastic: We collect and use plastic bottle waste, known as polyethylene terephthalate (PET), and low density polyethylene (LDPE).

Other Materials Involved: When making plastic paving bricks, we use materials like aluminium moulds, 4kg of sand for every 1kg of plastic waste, and lubricant. For every 1,000 kilogram of nylon waste, 4 tons of sand is required.

Dimensions: We use 1kg of low density polyethylene waste over 4 kg of sand for the mixture.

Already in production?: Yes

Produced by:

Video presentation of the project: <https://www.facebook.com/Gowasteline/videos/788463631844402/>
, https://m.facebook.com/story.php?story_fbid=4265283140194003&id=100001370783287

Did you participate in other contests with the same project?:

No.

Website: <http://www.gowasteline.com>

Link all'application:

<https://drive.google.com/open?id=1cUXkPKA0tpCwKMTEEGrZkVLDGv5Edi3H>