



THE GREATER KAMPALA PET PLASTIC RECYCLING PARTNERSHIP

Joint action for sustainable management of PET plastic waste in Greater Kampala

The Greater Kampala Metropolitan Area (GKMA) is experiencing rapid growth and urbanisation. As the population and economy of GKMA has grown, so has the waste generated. The amount of solid waste generated now overwhelms the capacity of the urban authorities to collect and dispose of it. About 40% of the waste created in Kampala is collected and delivered to designated landfills every month. The remaining uncollected waste is normally dumped in unauthorized sites, burnt on roadsides or in clearings, or washed into storm water channels that flow into the wetlands and Lake Victoria. One of the most dominant waste fractions in GKMA is plastic waste. Its inadequate management contributes to the degradation of land, wetlands, water and air. Plastic waste, if not properly disposed of, causes blockage of the limited drainage system and natural drainage canals, thereby contributing to the growing flooding problems in the city.

STEWARDSHIP FOR A SUSTAINABLE MANAGEMENT OF PLASTIC WASTE

Natural resources stewardship means that all users of natural resources take responsibility for the shared resources nobody owns but everybody relies on. Forming partnerships, public sector, private companies and civil society work together on eye-level to ensure the sustainable management of natural resources.

No single actor can address this environmental challenge alone. Natural resources stewardship offers a practical way of establishing a dialogue between public and private partners together with civil society to manage their shared natural resources risks.

A PARTNERSHIP FOR AN INCLUSIVE RECYCLING SECTOR

Partners have joined forces to protect Greater Kampala's natural resources by improving the sustainable management of PET plastic waste, establishing an inclusive recycling sector, thereby promoting economic growth and improved livelihoods.

„This partnership removes a considerable amount of waste which would pollute the environment, yet it is turned into a resource with economic benefit to the wider community.“

*George Masengere, Environment Officer,
Mukono Municipality*



Pollution of waterways in Greater Kampala with plastic waste. Improperly disposed plastic waste causes blockage of drainage systems and increases the risk of flooding.

SUSTAINABLE DEVELOPMENT GOALS	
Duration	2019 - ongoing
Partners	Government institutions: <ul style="list-style-type: none"> Ministry of Water and Environment (MWE) National Environment Management Authority (NEMA) Kampala Capital City Authority (KCCA) Private sector: <ul style="list-style-type: none"> Coca-Cola Beverages Africa Mukwano Industries Uganda Ltd. Uganda Water & Juice Manufactures Association Non-governmental organization: <ul style="list-style-type: none"> Global Green Growth Institute
Objective	Protect GKMA's natural resources by improving the sustainable management of PET plastic waste and developing an inclusive green recycling sector
Partner contributions (financial or in-kind)	NEMA is hosting the partnership secretariat at their headquarters in Kampala

IMPACTS

Value Chain Support:

- 6.200 jobs at 15 public entities (agencies, schools and hospitals) safeguarded through the provision of waste management and recycling tools and equipment
- Establishment of a recycling innovation hub, including small-scale plastic recycling equipment, at the International University of East Africa in Kampala, supporting 300 students annually in acquiring plastic waste management and recycling skills, thereby enhancing students' employability and the capacity in the recycling sector
- Enhanced recycling capacity of local businesses by training 50 plastic waste management business owners in business development. Moreover, 30 employees of recycling hubs were trained in occupational health and safety to improve working conditions and ensure the continuity of waste management services
- Enhancing youth capacity in the recycling sector through trainings for 20 youth entrepreneurs in plastic recycling by the social enterprise Youth Go Green-Five modified tricycles used for efficient transportation of PET plastic at recycling hubs procured for three GKMA municipalities
- Provided 6 tricycles to 3 municipal councils in Greater Kampala to support collection of plastic waste to recycling hubs.



Launch of the recycling hub at the International University of East Africa, enabling young Ugandans to tackle the country's plastic waste management challenges.

Policy Support:

- Development of a strategy to operationalize Extended Producer Responsibility (EPR) among manufacturers in the beverages industry to enhance manufacturers' responsibility in ensuring that all the plastic packaging put out in the market is returned for recycling, reducing the amount of plastic waste in the environment.
- Piloting of an EPR scheme for the PET Beverage sector and initiation of the development of a "Recycled PET Policy" and Regulatory Framework in Uganda to enhance regulatory clarity



Plastic waste is crushed into small pieces and then turned into plastic flakes. Plastic flakes are used as raw material for plastic production. Final products from recycled plastic are for example roofing tiles by Ecoplastile Ltd.

ABOUT NATURES

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NatuReS is active in Ethiopia, Uganda, South Africa, Tanzania and Zambia. It has so far contributed to creating or safeguarding more than 72.000 jobs and investments worth more than EUR 232 million through 14 partnerships.

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