



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 the city’s 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		6 CLEAN WATER AND SANITATION	8 DECENT WORK AND ECONOMIC GROWTH	11 SUSTAINABLE CITIES AND COMMUNITIES	12 RESPONSIBLE CONSUMPTION AND PRODUCTION	17 PARTNERSHIPS FOR THE 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	To 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					

PARTNERSHIP ACTIVITIES

- **Improving the recycling value chain**, including upstream collectors, collection hubs, recycling plants and downstream users of plastic waste
- **Increasing awareness and initiating behaviour change** towards waste and plastic in the Greater Kampala Metropolitan Area
- **Improving the policy framework** to facilitate greater recycling by private and public actors.

IMPACTS

Value Chain Support:

- 6.200 jobs at 15 public entities (agencies, schools and hospitals) safeguarded through provision of waste management and recycling tools and equipment
- Five modified tricycles used for efficient transportation of PET plastic at recycling hubs procured for three GKMA municipalities
- New innovation hub at local university facilitated with recycling and value addition machinery and skills development to support 300 students (annually) with innovation and employability skills in plastic waste management and recycling
- Prototype models for construction of efficient PET plastic waste recycling hubs designed
- 20 youth entrepreneurs trained in plastic recycling through social enterprise Youth Go Green



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

Published by:
Natural Resources Stewardship Programme
c/o Deutsche Gesellschaft für
internationale Zusammenarbeit (GIZ) GmbH

Registered offices in Bonn & Eschborn, Germany

Luthuli Avenue 128, P.O. Box 10346 Kampala, Uganda

Contact:
Anna Pamberg
Country Coordinator Uganda
Natural Resources Stewardship Programme

E anna.pamberg@giz.de
I www.giz.de
W <https://nature-stewardship.org/>

Date of publication: September 2022

Photos: © GIZ/ Vanessa Tyaba; Esther Kongai; Ecoplastile Ltd.

Designed by: Natural Resources Stewardship Programme

This publication was produced with the financial support of the German Federal Ministry for Economic Cooperation and Development (BMZ), the European Union and the Foreign, Commonwealth & Development Office (FCDO). Its contents are the sole responsibility of GIZ and do not necessarily reflect the views of the BMZ, the European Union or FCDO.

- Sensitisation of 60 community members towards waste management and recycling
- Health and safety guidelines for solid waste management developed and adopted by five municipalities

Policy Support:

- Strategy to operationalise Extended Producer Responsibility (EPR) among private sector manufacturers developed

Behaviour Change:

- Behaviour change strategy for GKMA developed



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

The partnership is part of the Natural Resources Stewardship Programme (NatuReS), a multi-donor programme commissioned by the German Ministry for Economic Cooperation and Development (BMZ), co-financed by the European Union (EU) and the Foreign, Commonwealth and Development Office (FCDO), and implemented by the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ).

NatuReS has so far contributed to creating or safeguarding 40.000 jobs and investments worth EUR 178 million through 14 currently active partnerships.

