



UN-Habitat's Efforts to Support SWM Project Formulation in Africa

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What is Solid Waste Management



Who does what in each stage

- Local authorities
- NGOs/CBOs
- Service users
- Private informal sector
- Private formal sector
- Donor agencies

What can be done in each stage according to YOUR

- Technical capacity
- Financial capacity
- Institutional capacity
- Environmental or public health needs
- Socio-cultural needs

POLICY, PLAN and CAPACITY to decide and enforce rules

STRONG POLITICAL WILL TO ALLOCATE RESOURCES



Challenges in African Cities

Waste Generation





Challenges in African Cities

Waste Collection & Transportation





Challenges in African Cities

Waste Treatment & Recycling





Challenges in African Cities

Waste Disposal





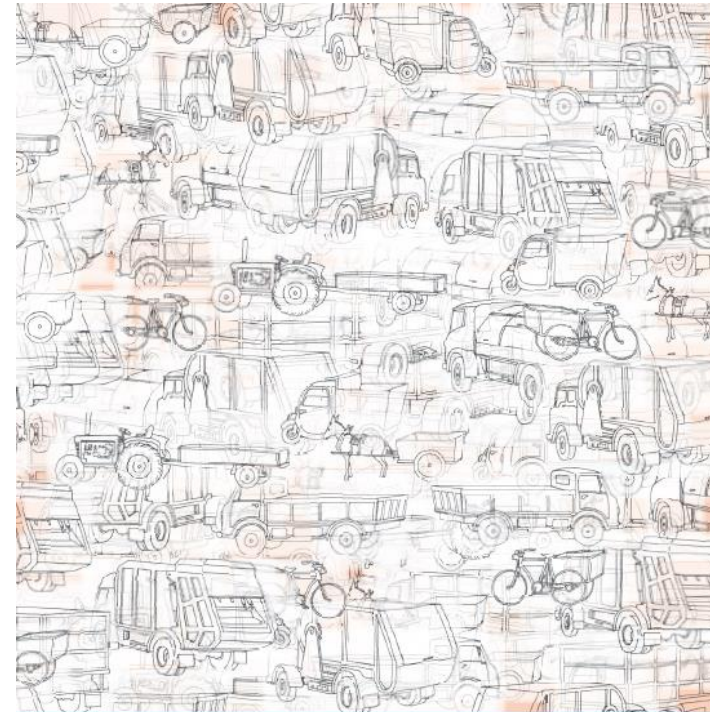
UN-Habitat Commitment Research and Publications



Solid Waste Management

IN THE WORLD'S CITIES

WATER AND SANITATION IN THE WORLD'S CITIES 2010



Collection of Municipal Solid Waste in Developing Countries

UN-HABITAT
FOR A BETTER URBAN FUTURE



UN-Habitat Commitment



Lake Victoria Water & Sanitation Program

Beneficiary: 15 towns in 5 countries in Lake Victoria Basin

Phase I: Waste collection service capacity development and vehicle provision

Phase II: Construction of solid waste and fecal sludge treatment plant and provision of capacity development on solid waste and fecal sludge management

Achievement: 1) Improved waste collection services

2) Innovative treatment facility model that combines landfill site and fecal sludge treatment site with bio-digester





UN-Habitat Commitment

Pilot Landfill Site in Kiambu County

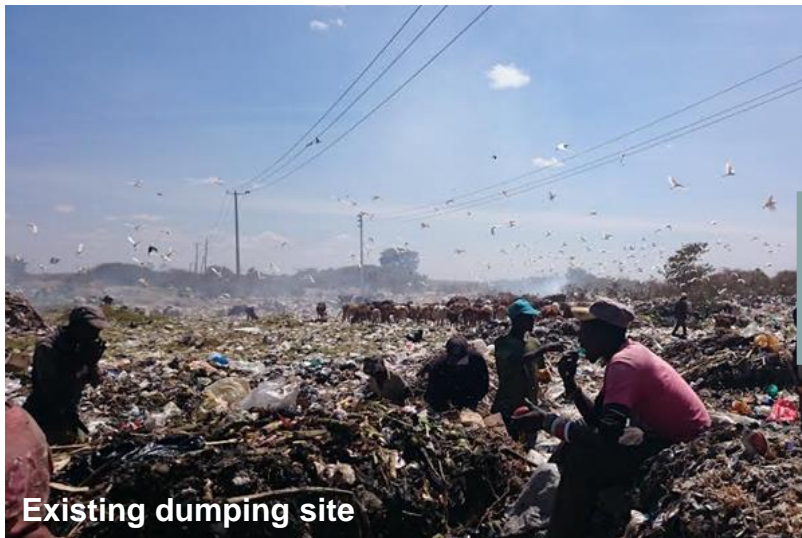


Beneficiary: Kiambu County, Kenya

Component: Construction of pilot Fukuoka method landfill site that can be constructed with local material at low cost

Achievement: 1) Engagement and empowerment of waste pickers
2) Use of local material
3) Collaboration with JICA in Training of county officials

Future plan: Operation start and monitoring and construction of the same landfill site in other African cities



Existing dumping site



New pilot landfill site



UN-Habitat Commitment

SWM Improvement in Kisii County



Beneficiary: Kisii County, Kenya

Component: Rapid Assessment of Current Status of SWM
Development of Long Term Strategy for SWM Improvement
Pilot

Achievement: 1) Waste Data collected
2) Long term strategy developed
3) Income enhancement for youth who are engaged in street cleaning

Future : Upscaling of the pilot to sub-counties and other counties
Establishment of SWM Unit in county government

Joyce please put some pictures



UN-Habitat Commitment



Rehabilitation of Koshe Dumpsite in Addis

Beneficiary: Addis Ababa City, Ethiopia

Component: Rehabilitation of collapsed Koshe Dumpsite in Addis Ababa
Onsite capacity development of disposal site operation

Status: Started in April 2018



Proposed Simplified Leachate Treatment Plan





UN-Habitat Commitment

Disposal Improvement in Bahir Dar



Beneficiary: Bahir Dar City, Ethiopia

Component: Construction of Fukuoka Method sanitary landfill site

On-site capacity building of construction, operation and maintenance of Fukuoka Method sanitary landfill site

Status: Started in April 2018





1. Needs assessment of cities in SWM improvement
2. Identification of effective interventions
3. Concept note development
4. Stakeholders engagement and political support from decision makers
5. Support cities to apply for funds



Project Development Support Requirements



1. Readiness of Cities

- Appropriate local institutional arrangement that can support project implementation
- Appropriate policy and legislation basis
- Economic analysis on intervention – value for money

2. Fit for Funding Requirements

- Carbon emission reduction
- Integration with other sectors (e.g. urban planning, transport, energy, etc.)
- Regional project, rather than one country or cities



Thank you!