

KAKAMEGA COUNTY CONCEPT

PROJECT AREA
KAKAMEGA TOWN AND INSTITUTIONS (MMUST, PRIMARY SCHOOLS)

PROBLEM

- ▶ Kakamega town has a challenge in the disposal of municipal solid waste.
- ▶ There exists cultural misconceptions on the handling and management of municipal solid waste especially human waste.
- ▶ Based on our initial interventions in schools, there is an initial indication of sludge containment of human waste in schools using the simple dump technology; a hazard to the environment and health of population
- ▶ There is no information on appropriate energy technologies in the county

INTERVENTIONS

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SOLID WASTE MANAGEMENT

- ▶ Awareness campaigns on the impacts of municipal solid waste
- ▶ Environment education in schools, communities and general public using creative and performing art
- ▶ Feasibility study on the challenge of municipal solid waste management in the county, stakeholder mapping and identification of suitable technologies on waste management
- ▶ Workshop to build consensus on the findings from the feasibility study
- ▶ Pilot and test the most suitable technology in Kakamega town and the neighboring informal settlements (capacity building, equipment and infrastructure, etc.)

MOBILITY

- ▶ Awareness on NMT - cycling and walking
- ▶ Infrastructure piloting in identified zones: walkways, cycling lanes
- ▶ NMT Policy development

ENERGY

- ▶ Awareness campaigns on the impacts of containment of human waste in institutions
- ▶ Feasibility study on the energy challenges, gaps and suitable technologies
- ▶ Workshop to build consensus on the findings from the feasibility study
- ▶ Pilot and test the most suitable technologies in Kakamega town and the neighboring informal settlements (equipment, capacity building, partnership arrangements; collection, transportation, treatment, waste conversion to energy)
- ▶ Clean Energy Policy development

TIMEFRAME & RESOURCE

- ▶ **Awareness campaign:**

Duration: 6 months

Amounts: 0- 10,000 euros

- ▶ **Pilot**

Duration: 1 year

Amount: 25000 - 100000 euros

- ▶ **Bankable projects**

Duration: 2 years

Amount: 5 - 20 million euros