



Onsite Sanitation for Public Places, Institutions and Rural Households, which Promote reuse Experiences in Kenya

By:

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Presented at:

A workshop on sustainable sanitation in Mtwara, Tanzania

On 6th- 8th September, 2010



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Rural Sanitation

Technology applied:

Urine Diverting Dehydrating Toilet (UDDT)

Areas: Households, Primary and Secondary Schools

Investment

500€

Operation and Maintenance

- Applying of drying agent in faeces chamber after every use
- Unblocking of urine pipes
- Emptying urine container when full
- Emptying faeces chambers when manure is ready for use in the farm

Implementation

- Done through community Based Organisations
- Awareness creation and hygiene training done

Facility operated by:

- Household family
- School health clubs



Public Places Sanitation

Technologies applied:

Water Kiosk, Toilet block Bio-digester – Baffled reactor

Areas: Bus parks, markets

Investment

30,000€

Operation and Maintenance

- Checking of water trap
- Keeping clay sealing wet all times
- Unblocking of pipes
- Daily toilet cleaning
- Equipment maintenance and replacement
- Daily revenue collection
- Record keeping

Implementation

- Through SME

Facility ownership and operation:

- Owned by WSB and operated by water service provider



Institutional Sanitation

Technologies applied:

Toilet block, Bio digester , Baffled reactor

Areas: Boarding schools, Prisons

Investment

25,000€

Operation and Maintenance

- Checking of water trap
- Keeping digester clay wet at all times
- Unblocking of pipes
- Daily toilet cleaning
- Equipment maintenance and replacement

Implementation

- Through SME

Facility ownership and operation:

- School facility owned by school BOG, prisons facility owned by Prisons department
- School facility operated by health clubs and prisons facility owned by prisons technical department



Lessons Learnt

Beneficiaries

- Attitude change takes a long time. Time allocation must be adequate
- Awareness creation works best using places with best practices
- Implementation should be done in clusters to create impact and spread the knowledge
- Community contribution required with subsidy from the government

Sustainability

- Adequately well trained artisans, SME and private sector operations have to be in place
- High quality workmanship and supervision required
- Operation and maintenance system must be in place
- Asset ownership and management must be in place
- Financing mechanism for upscaling must be in place
- Roles of key players in sanitation must be clearly defined
- Policy documents from the government for implementation must be in place
- Enforcement of the rules and regulations of the government must be ensured

Thank You