

Who are we?

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It aims to develop at-scale solutions to urban sanitation challenges in sub-Saharan Africa. Projects are active along the entire sanitation service chain. Other funded projects are:

- **FaME (Faecal Management Enterprise): Providing Sanitation Solutions through Value Chain Management of Faecal Sludge.** Working in Dakar (Senegal), Accra (Ghana) and Kampala (Uganda).
- **U-ACT Economic Constraints and Demand-led Solutions for Sustainable Sanitations Services in Poor Urban Settlements.** Working in Kampala (Uganda).
- **3K-SAN Catalysing self-sustaining sanitation chains in informal settlements.** Working in Kigali (Rwanda), Kisumu (Kenya) and Kampala (Uganda).
- **MAFADY Maitrise de la filière assainissement dans un écosystème côtier à Douala et les quartier populaires de Yaoundé au Cameroun.** Working in Yaoundé & Douala (Cameroun).



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www.splash-era.net/san.res.php

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Photographs:
Ase Johannessen – SEI, Sweden



Sanitation Research Programme

CLASS-A Sustainable and resilient sanitation service chains in Maputo province, Mozambique – action research and piloting for benefit of the urban poor



www.splash-era.net

Background

Sanitation planning which incorporates a risk-based management approach is virtually non-existent in developing countries. The objective of the research is therefore to identify, develop and promote appropriate intervention strategies that enhance the resilience of urban sanitation services and their supply chains, through the adoption of risk-based management strategies.

Aims and objectives

The primary objective is to contribute towards the development of long-term strategies to mitigate environmental health risks related to sanitation and promote the development of sustainable sanitation service delivery.

The project aims to develop a methodology to reduce vulnerability for urban populations from sanitation related hazards via the:

- development and application of risk-based systems analysis;
- identification of resilient sanitation technologies and development of strategies for their implementation;
- capacity development of stakeholders at all levels to collectively enhance sustainability of sanitation services.

The research will focus on the role of CLASS-A to act as an interface between government agencies, private sector actors and poor communities that lack adequate sanitation services.



CLASS-A activities

Sanitation services supply-demand balance and risk assessment of service chains

The research will develop a risk assessment methodology to identify, strategize and plan for upgrading sanitation service chains in response to assessment of risks.

Improve governance of urban sanitation services

CLASS-A will focus attention on governance, institutional and regulatory issues that impact upon the delivery of sanitation services in Maputo province.

Community engagement and sanitation planning

We will engage with local stakeholders to support community-centred (risk based) planning processes.

Training and capacity building

We will stage technical forums and a range of awareness raising and capacity building activities for various stakeholders to promote risk based planning for sanitation improvements.

Outreach and dissemination

We will share the key outcomes from our research to decision-makers at provincial and central level through workshops and seminars in Maputo. We will also promote the outputs of the research to the international community at global conferences, scientific publications and the internet.

Expected outputs and outcomes include:

Promotion of a Sanitation 'Charter'

The Charter is a means to enlist official support from governmental organisations.

Risk-based sanitation planning tool

The tool will form the basis for identification of target areas for investment.

Community centre for engagement with local stakeholders

Interaction and consultation with local stakeholders is fundamental to understanding environmental health risks.

Training tools and capacity building events

To promote awareness and understanding of a risk-based approach towards prioritisation of sanitation investments.

Sanitation Improvement Action Plan in Maputo province

Based on the application of the risk-based planning tool in a designated urban area.

Policy recommendations for sanitation improvements in Maputo Province

These will be based on the lessons learned from the research project and will also have wider application.