

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

Visit the **SPLASH Website:**
www.splash-era.net/san.res.php

If you would like to receive the *Making a SPLASH!* newsletter please go to:
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Sanitation Research Programme

MAFADY Mastering the sanitation chain from the household level in the coastal zone of Douala, and in the informal urban settlements of Yaoundé, Cameroon



www.splash-era.net

Introducing MAFADY

MAFADY is concerned with the sanitation chain (i.e. faecal sludge and wastewater from households) in the coastal zone of Douala and the slums of Yaounde. The lack of improved sanitation in households results in the spread of waterborne diseases in these areas. Six organizations are involved in this project.

Aims and objectives

MAFADY focuses on scientific innovation and research and development. The goal of the MAFADY project is to determine what actions are needed and by which actors relating to sanitation practice, that will lead to improvements in hygiene and human health not only in the coastal areas of Douala 4th, but also in the slum districts of the humid, tropical cities of Yaounde 6th. Seven work packages will be implemented to achieve this objective. Work packages two to five are on specific scientific and technical elements, while the remaining two are concerned with aspects of management and the dissemination of results.

MAFADY activities

Technical diagnostics and sanitation actors

This involves analysis of collection, transport, quantification and characterization of faecal sludge.



Analysis of mechanisms for financing sanitation and roles of different actors

Quantification and characterization of the sludge will consider its value in the production of biogas. Sanitation by-products will also produce fertilizers.

Identification of good sanitation practices

A household survey will be conducted to determine different sanitation practices. These observations will lead to the development of tools to raise awareness of good hygiene practices.

Development of sanitation strategy

The project focuses on developing municipal level strategies to improve sustainable sanitation. The results of consultation will be shared with decision makers. The sanitation system adopted for the marshy zone will be used in the building permits issued in each of the cities studied.

Women, children and older people

The major diseases experienced by the population will be surveyed through analysis of a cohort of children, women and older people.

Dissemination

Applying the results of MAFADY in the major coastal cities of Cameroon and Sub-Saharan Africa is key to this project. To ensure effective

information sharing, monthly team meetings and quarterly steering committee meetings involving all stakeholders in the sanitation sector in Cameroon will be held. Workshops with the community will be organized every six months.

Expected outputs and outcomes include:

- Vulnerability map of water resources
- Plans to improve public sanitation
- Record of sanitation facilities in the study areas
- Model of latrines adapted to marshy zone
- Agreed strategy for sanitation
- Guidelines for optimizing end use of faecal sludge
- Research theses
- Other publications and communication
- Facilitating organization of the actors in charge of sanitation and the management of faecal sludge in Cameroon.

