Working Small Sanitation Enterprise for Faecal Sludge Management in Peri Urban Maputo: The Experience of WSUP

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Introducing WSUP

WSUP’s strategy is to support the adoption and replication of sustainable and scalable models of pro-poor urban water and sanitation.
Commenced in 2007 in 7 neighbourhoods with pop. About 200,000. Currently being extended and will cover 7 more.
On site sanitation is a large proportion of city sanitation (>70%), but viable FSM services are lacking
FSM Project: Objective

Trial and develop small enterprise led viable FSM service as model to replicate
Approach

Tried and tested uncomplicated technology & process to achieve sustainable chain between service provider and customer
Staged development to overcome challenges and achieve sustainability.

**Phase I (2011-12):** An improved affordable & viable pit emptying service that removes sludge off site (bairro Maxaquene A-pop. 24,000)

**Phase II (2013-2014):** Increase coverage and extend service to include latrine upgrading/refurbishment
Key Considerations

- Start up costs (credit)
- Capacity building and support
- Municipality buy-in
- Transfer facilities
- Marketing and promotion
- Affordability (flexible service)
Developing business

• Phase I target: 60 HHs per month (mix of pits)
• Fee rate: US$18 – 70
• Start up costs: $28k
• WSUP support: $3k+2 nos. Gulpers + capacity building
• Start up loan (from WSUP): $14k (interest free repayment in 20 months)
• Services being extended to bairro Maxaquene B (pop. 32,000)
Challenges

• Disposal. Transfer stations
• Unsatisfactory condition of pits (unlined collapsing pits)
• Start up costs for new enterprises
• Increasing the coverage & replication
• Municipality support; Regulatory framework