

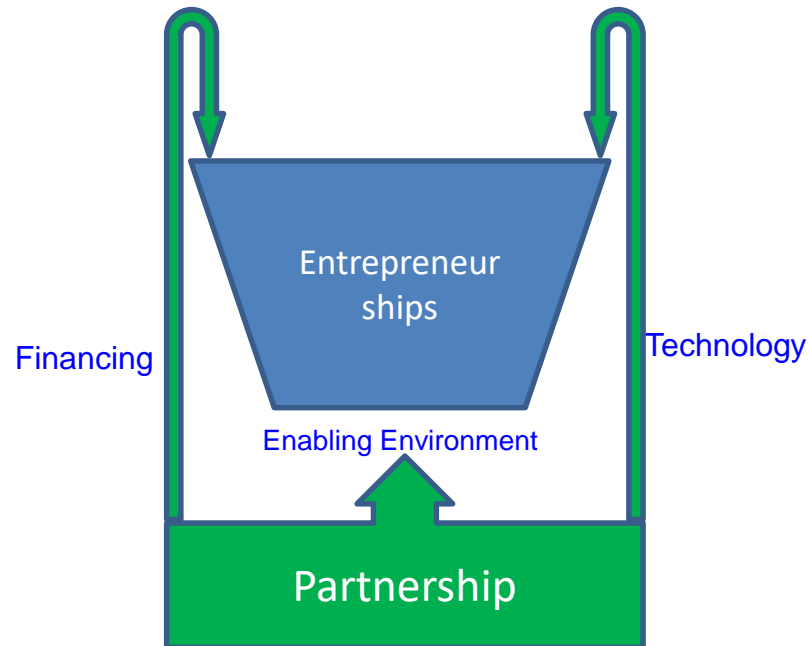
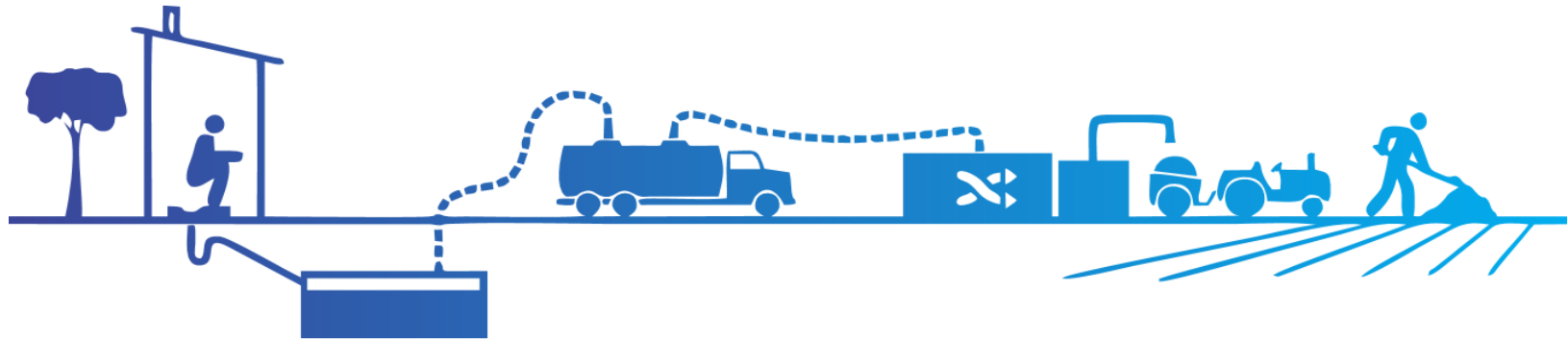


Building Entrepreneurship in Liquid and Solid Waste for informal Settlements in Dar es Salaam

Urban Challenges to Sanitation

- Sanitation is invisible such that does not attract political attention
- Unclear roles and responsibility of institution providing services in urban setting
- Capacity of utilities on handling of onsite sanitation services
- Informal settlement/unplanned areas
- Inappropriate technology
- Inappropriate approaches to urban sanitation
- Regulation governing onsite sanitation is not well captured

Building Business along the Sanitation value Chain

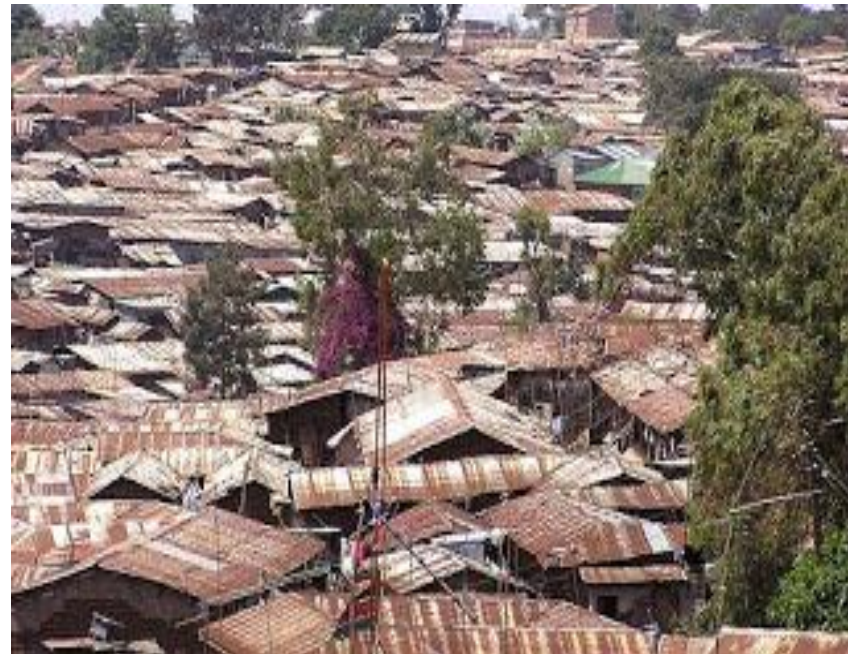


Working With Entrepreneurs

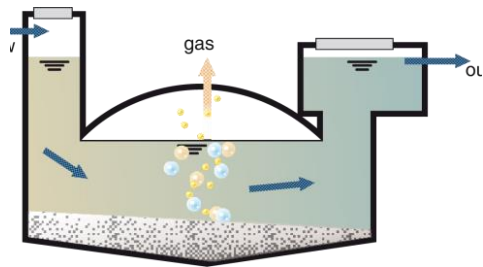
- **Entrepreneurial Approach - support entrepreneurs to tap the opportunities in WASH**
- **Capacity Building – orientation and training on business; helping businesses get registered as legal entities; connecting these businesses with business opportunities (e.g., TMC tender offer)**
- **Innovative Financing Mechanism - management through microfinance institution (UTT); loan product structured to reduce likelihood of default**



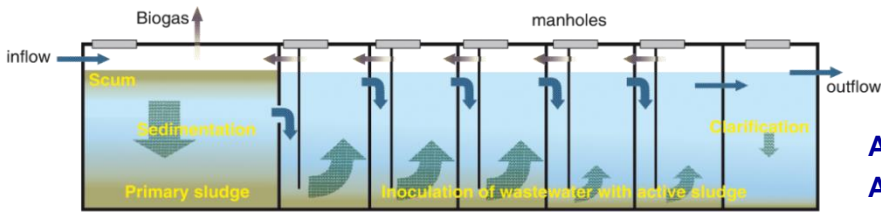
Technological Solution for Emptying Facility



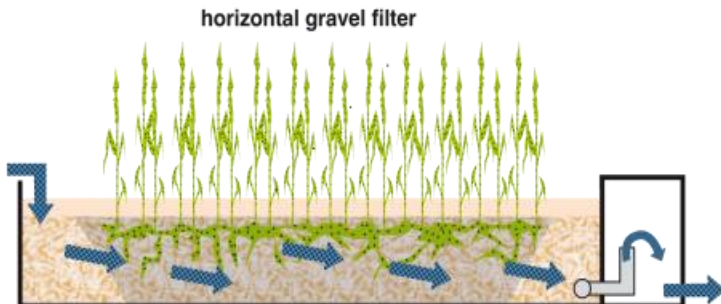
DEWAT



Biogas settler/Septic tank
(pre-WWT or intermediate settler for
Solid-free Sewer, underground
construction)



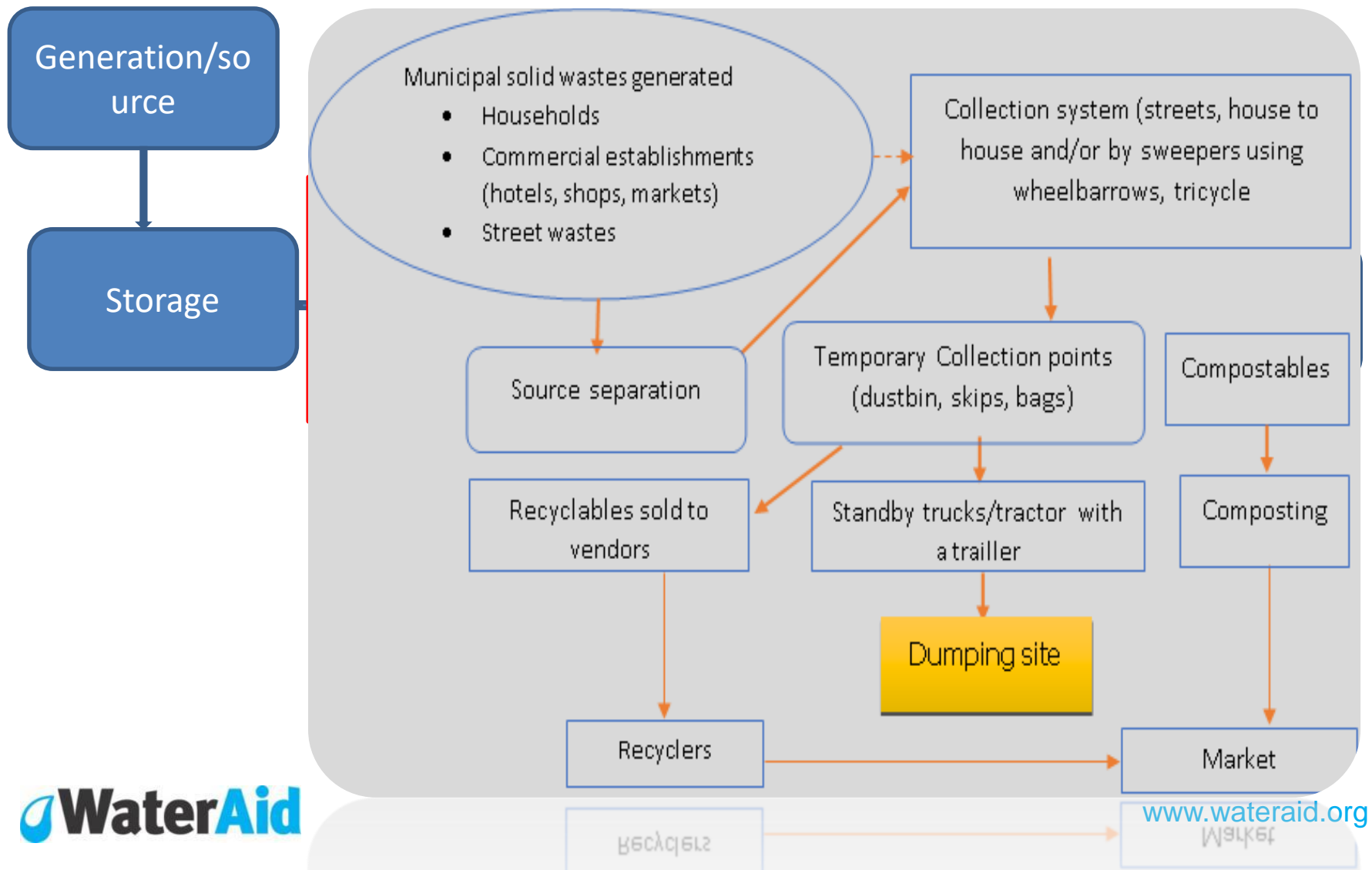
**Anaerobic baffled reactor –
ABR** (core- WWT part)



Planted gravel or sand filter
(post -WWT part)



Building Business in Solid Waste Chain



Lessons Learnt:

- Coordinated stakeholders with clear responsibilities;
 - Government
 - Micro financing institutions
 - Entrepreneurs
 - Customers
 - Technical Support

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