Development and Implementation of OSS-FSM Bylaws - a case of Lusaka, Zambia

Edgar C. Mulwanda
Nachombe Nang’amba, Grace Mwanza

Lusaka City Council
Outline

• Introduction – Lusaka
• Sanitation situation
• Why Regulate Sanitation? And related laws.
• What is the process for By-Law formulation?
• Enforcement mechanisms
• Challenges and Way-forward.
Location
Introduction

- Lusaka population: 1.8 million people (CSO 2014)
- Growth rate: 4.9% (CSO, 2014)
- People living in Peri-urban Areas: 70%
- Water service coverage: 80%

- Estimated Sanitation coverage
  - Offsite sanitation: Sewer 10%
  - Onsite sanitation: Septic tank 16%, Pit latrines 70%
  - Open Defecation: 4%
Ground water vulnerability map
Sanitation coverage map
Sanitation situation in PUA
Purpose of Regulation in Sanitation

Protection of Public Health

Protection of Natural Resources

Restore dignity in Society
Sanitation Laws in Zambia

1. The Public Health Act CAP 295
2. The Local Government Act CAP 281
4. The Urban Regional and Planning Act No. 3 of 2015
5. The Environmental Management Act Act No. 12 of 2011
6. The Water Resources Management Act Act No. 21 of 2011
OSS By-Law: Bridging The Gap

- Mainstreaming new technology(s) in Onsite Sanitation facilities (OSS).
OSS By-Law: Bridging The Gap

• Regulate the Faecal Sludge Management service chain.
Process of By-Law Formulation

High level technical consultations: Stakeholder meetings

Mid level consultations: for political buy-in through councilors

Low Level: Community engagement

By-Law open for public comments

Full Council

Submission to Ministry for gazetting
Enforcement in OSS-FSM Bylaw

- **Lusaka City Council**: Monitoring selection and construction of approved OSS facilities, enforcement of safe emptying

- **ZEMA**: Transport and treatment

- **NWASCO**: Protection of consumer rights, ensuring economics of activities

- **WARMA**: Protection of (ground) water resources

- **ZABS**: Enforcement on standards of products and procedures prior to construction
Digitalization of Sanitation Service

- Mapped full toilet facilities
- Warning Notices were issued to offenders
- Commercial utility provides pit emptying service
- Follow up on warning notices
- Prosecution
Challenges

- Lack of coordination between enforcement agencies
- Inadequate information flow
- Human resource and logistical challenges
Way forward

- Creation of a robust and integrated MIS system
- Vigorous health education and sanitation marketing campaigns
- Community engagement for acceptability
Ubusaka – Chimbusu

Dignity of a home is based on the clean state of your toilet.

Thank you