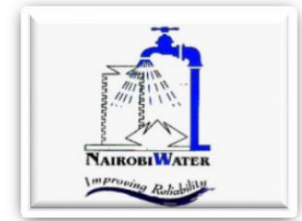




**Nairobi City County
Government**



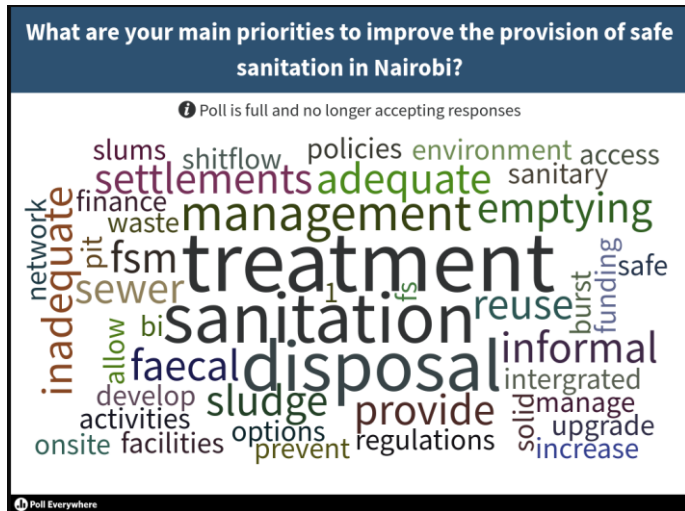
Mapping the Urban Sanitation Challenge : The NAIROBI SFD



Transforming lives in Africa through research

SANERGY
Building healthy,
prosperous communities

SFD Initiation Workshop: May 5, 2017



SFD Assembly Process

Technical reports & published literature

- WASREB, Nairobi Cross Sectional Survey (NCCS2), KNBS 2010

Key Informant Interviews (KIIs)

- Nairobi County
- NWSC
- NEMA
- Sanitation Practitioners
- Association of mechanical emptiers

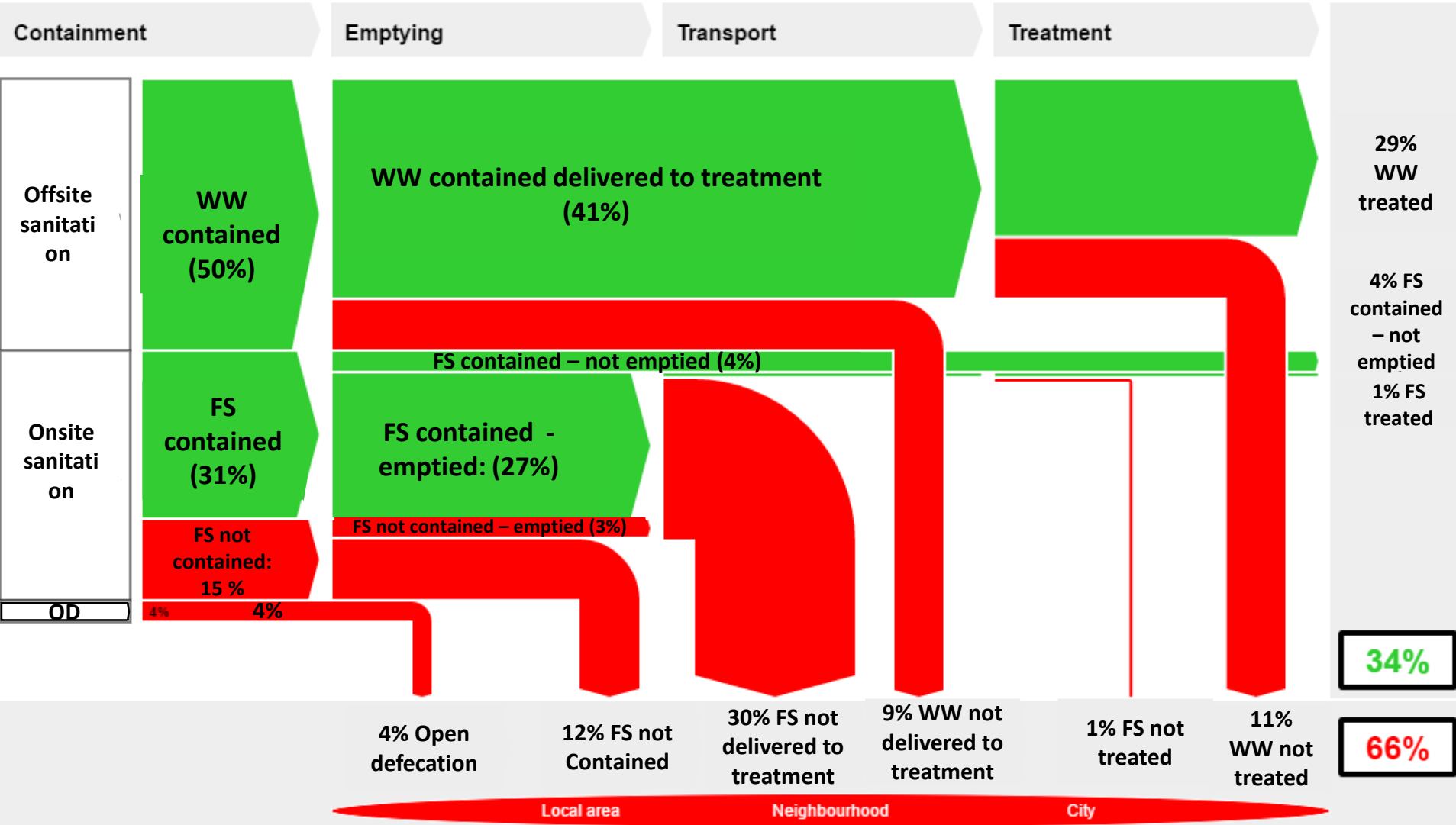
Focus Group discussions

- Community leaders
- Community residents (Women, Men)
- Manual pit emptiers

(Korogocho & Viwandani slums)

Validation Workshop: Feb, 2018





Key: WW: Wastewater, FS: Faecal sludge, SN: Supernatant

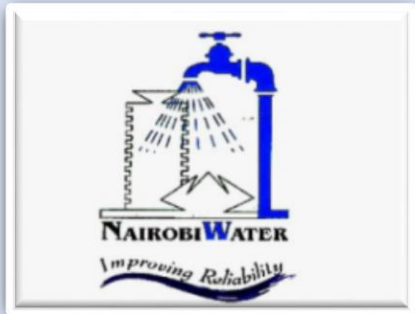
█ Safely managed

█ Unsafely managed

NAIROBI CITY WATER & SEWERAGE COMPANY

Improvement of Water and Sewerage Services in Nairobi City

By Eng. Lucy Njambi
Ag Technical Director



Background data on Nairobi Service Coverage

- Area is 640 sq.km
- Water demand for Nairobi county is 760,000m³/day
- Water supply is 515,000m³/day
 - *Deficit = 245,000m³/day*
- Water coverage is 81%
- Sewer coverage is 50%
- Non Revenue Water of 38 %
- The city has four waste water treatment facilities;
- The total treatment capacity of the four facilities is 197,000 m³/d

Strategies to improve coverage

NCWSC would like to increase the sewerage population to 70% by:

- Construction of Primary and secondary sewer lines in various areas all over the City - ADB and AFD Funding are in progress for 45% of the proposed works
- Complete ongoing rehabilitation of one of the treatment plants – 32,000cu.m/day
- Expand the existing wastewater treatment plants – in progress
- Construct more desludging points in the City to facilitate non sewer facilities
- Comprehensive preventive maintenance

Sewer Rehabilitation (in progress)

- Purchase sewer flushing unit to improve on the preventive maintenance of the sewers
- Develop relief sewer lines in area where they are over loaded
- Reconstruct sections of dead trunk sewers.
- Reconstruct washed away sewer areal crossings

Water & Sewerage Services improvement - informal Settlements

Output Based Aid

- We have connected water and sewer services to some informal settlements in a partnership involving The World Bank, Cooperative Bank and the Residents in a Contract worth over a Billion Shillings.
- These settlements are Matopeni, Soweto, Mowlem, Canaan, Kawangware and Riverbank
- Very good services have been offered to about 288,000 Persons that have completely transformed the areas

NAIROBI CITY COUNTY SANITATION



NAIROBI CITY
COUNTY

POLICY, LEGISLATIVE & REGULATORY FRAMEWORK

Mario Kainga
Director, Water, Sanitation & Energy
Nairobi City County Government, Kenya

Customer Care:
0725 624 489 / 020 344 194

Email: info@nairobi.go.ke
www.nairobi.go.ke

Twitter: [@county_nairobi](https://twitter.com/county_nairobi)
Facebook: [NairobiCityCounty](https://www.facebook.com/NairobiCityCounty)

Way forward

- Nairobi City County draft Water and Sanitation Policy/ Bill and Legislative framework formulation is in the context of Kenya constitution 2010, Kenyan Vision 2030, Kenya Water Act 2016 and County Governments Act of Kenya
- Related to this is the internationally agreed Sustainable Development Goal No.6: “*ensure access to water and sanitation for all by 2030*”.
- Accelerate finalization of enactment of Water and sanitation policy and law at County level where Water and sanitation services are devolved.
- Intensify setup of Sewer Revolving Fund which is at initial stages of policy and legislation consultations

Guiding principles

- Pro-poor approach through socially responsible commercialization.
- Stakeholders partnership in the management and provision of water and sanitation services- structured stakeholder dialogue.
- Recognition of onsite sanitation as a valid methodology of service provision
- Set up supportive regulatory framework to ensure sustainable budget & financing of NSS
- Innovative strategies for resource mobilization.
- Private sector investment through PPP.
- Multi-stakeholder approach to Urban sanitation, planning, implementation & reporting

Strategies for Non-Sewered Sanitation

- Recognition of onsite sanitation as a valid methodology of service provision
- County Government, in collaboration with stakeholders to promote low cost technologies (such as UDDT) where sewerage network system is not available, such as informal settlements
- Adopted technologies must ensure safe sludge collection, transportation, and treatment
- Collaboration and partnership (such as Water, Sanitation & Energy consortium under Mukuru Special Planning Area



Thank you!
Asante!

27.07.2018 11:43