Towards Citywide Inclusive Sanitation in Kampala

Status Updates and Progress

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Deputy Director- Sanitation & Environment

Vision: “To be a Vibrant, Attractive and Sustainable
Mission: “To Deliver Quality Services in the City”

Core Values:

- Client Care
- Integrity
- Teamwork
- Innovativeness
- Excellence

MANDATE: To facilitate and provide equitable services to ensure a healthy population in a clean, habitable and sustainable environment

Core functions:

Medical Services
- City (referral) Hospitals
- City Medical centres
- Epidemiology & Disease control
- Veterinary Services Mortuary & Cemeteries

Sanitation and Environment Management
- Solid waste management
- Environment management
- Landfill management
- Health Inspection & Education
- Water and Sanitation

Priorities and focus areas 2019/2020-2026
- Sanitation and Environment

Integrated Solid Waste Management System
- Increase safely managed waste from 50% to 80% by 2025 through efficient collection, transport, disposal, treatment and resource recovery innovations

Citywide Inclusive Sanitation
- Increase safely managed FS to ≥ 80% by 2025: Public sanitation infrastructure and services; Organized and regulated PS led emptying services; Promotion-regulation-incentivizing household sanitation; Equity-quality-efficiency, and innovativeness; Resource Recovery, Eliminate open defecation

Environmental Management and Pollution Control
- Establish a robust citywide environmental management coordination, regulation monitoring and pollution management system. Development control; Wastewater-Air-Noise-Pollution; Green spaces and ecosystem management

Public Health Inspection and Education
- Establish a responsive community based and public health surveillance and education system: Household hygiene and sanitation; Suitability of Institutional, Business and commercial premises; Medical examination; Occupational health and safety

SANITATION/FSM PROGRESS
Strengthening the Regulatory Framework and Enforcement

A. Kampala Sewerage and Feecal Sludge Management Ordinance

- Passed by Political Authority
- Highlights of Ordinance
  - Sewer Connections
  - Licencing of emptiers
  - Minimum Standards
  - Faecal Sludge Transportation
  - Faecal Sludge Treatment, disposal and reuse
  - Penalties

Strategic Plan- 2030

B. Kampala Sanitation Improvement and Financing Strategy

To achieve 100% citywide coverage of improved sanitation
- Eliminate unimproved sanitation facilities and Open defecation
- Improve FSM
- Provide adequate Treatment capacity

Priority Areas
- Getting rid of Unimproved and ODF
- Consider GKMA

Citywide Sanitation Service Levels (Population)

- 7%
- 14%
- 37%
- 42%
- 1%

Safely Managed  Basic  Limited  Unimproved  Open Defecation

Implemented by
giz

Sanitation Infrastructure Development

C. Household Sanitation

- Sanitation Database
- Minimum Standards for OSS
- Health Education, Awareness and Enforcement
- Promotion of Sanitation products (Sato, DuraSan)
- Pro-Poor interventions
- Financing options

Priority Areas
- Safely Managed Sanitation in Informal Settlements

Sanitation Infrastructure Development

D. School Sanitation

- Significant investment from KCCA and Partners
- 96 Facilities in the last 4 years
- Pupil : Stance Ratio @ 58:1 (from 118:1 in 2012)
- Technologies (Bio-toilets, WashAlot, Incinerators, Rainwater Harvesting)
- Software Measures (for O&M)

Priority Areas
- Standards (Waterborne)
- O&M

Sanitation Infrastructure Development

E. Public Sanitation

- Over 750 Public and Community Toilets
- Functionality rate - 91%
- Nr of Commercial / Public - 2,360
- Av. Footfall (KCCA) - 1,696/day

Priority Areas
- Increase number of public facilities ~ 200
- O&M Models

Sanitation Infrastructure Development

F. Sewer and Treatment Capacity

- Increase sewerage coverage – 30% by 2040
- Construct 2 new Treatment plants – Decentralized STPs
- and transfer stations
- Pilot Condominium sewers in Makindye and Kibuye
- Micro faecal sludge treatment units of 5 m³/day in Kansanga and Namuwongo
### G. Private Sector Participation

#### Process
- Formalisation
- Capacity Building
- Legalisation
- Service model definition

#### Key Stages

<table>
<thead>
<tr>
<th>Initial Engagement</th>
<th>MOU</th>
<th>Certification</th>
<th>Licensing</th>
<th>SLAs</th>
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</thead>
<tbody>
<tr>
<td>Needs assessment</td>
<td>Define roles</td>
<td>Business development target training</td>
<td>Registration</td>
<td>Setting operational territories</td>
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<tr>
<td>Inventory</td>
<td>Operation standards</td>
<td>OHS</td>
<td>Business documentati on</td>
<td>SLAs</td>
</tr>
<tr>
<td>Policy and regulatory framework</td>
<td>Inclusive service delivery</td>
<td>Environment and social safeguards</td>
<td>Environment and social safeguards</td>
<td>SLAs</td>
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<tr>
<td>Operational framework</td>
<td>M&amp;E</td>
<td>Operational regulatory requirements</td>
<td>Issue of license</td>
<td>SLAs</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Procurement</td>
</tr>
</tbody>
</table>

#### Activities
- Business development
- Emptier Associations
- SLAs
- Regulation
- Health and Safety

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**Private Sector Development**

**Water and Environment JSR – September, 2019.**
H. Private Sector Promotion

- Sanitation Marketing
- To not only include Emptiers but also:
  - builders / masons
  - Alternative technologies
  - product suppliers (sato pan, additives, e.t.c.),
  - maintenance technicians / plumbers

6. SANITATION MARKETING

Variety of approaches:
- Behavioral Change Communication
- Market Based
- Community based
- Leadership
- School based
- Technology use
- Media
- Software and Hardware

6. SANITATION MARKETING

**Graph showing the trend of Dumping Trips and Fs collected**

<table>
<thead>
<tr>
<th>Month</th>
<th>Dumping Trips</th>
<th>Total Fs Collected (m³)</th>
<th>FS collected from informal settlements (m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug-17</td>
<td>4,601.94</td>
<td>1,083.12</td>
<td>4,384.5</td>
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<td>Sep-17</td>
<td>4,268.52</td>
<td>1,273.4</td>
<td>2,673.2</td>
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<tr>
<td>Oct-17</td>
<td>4,189.56</td>
<td>1,391.4</td>
<td>2,522.0</td>
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<tr>
<td>Nov-17</td>
<td>4,138</td>
<td>1,322.2</td>
<td>2,159.6</td>
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<tr>
<td>Dec-17</td>
<td>15,150.36</td>
<td>1,252.6</td>
<td>2,117.0</td>
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<tr>
<td>Jan-18</td>
<td>17,326.0</td>
<td>1,262.8</td>
<td>2,090.0</td>
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<tr>
<td>Feb-18</td>
<td>31,014.26</td>
<td>1,216.4</td>
<td>2,085.8</td>
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<tr>
<td>Mar-18</td>
<td>33,094.5</td>
<td>1,197.6</td>
<td>2,082.0</td>
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<tr>
<td>Apr-18</td>
<td>12,406.52</td>
<td>1,127.6</td>
<td>2,372.6</td>
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<td>May-18</td>
<td>4,291.7</td>
<td>976.1</td>
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<td>Jun-18</td>
<td>3,324.5</td>
<td>797.7</td>
<td>3,072.4</td>
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<td>Jul-18</td>
<td>9,228</td>
<td>602.5</td>
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<tr>
<td>Aug-18</td>
<td>8,695</td>
<td>515.1</td>
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<tr>
<td>Sep-18</td>
<td>9,139</td>
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<td>3,772.5</td>
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<tr>
<td>Oct-18</td>
<td>9,598.6</td>
<td>370.0</td>
<td>3,792.2</td>
</tr>
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</table>

**TOTAL NUMBER OF FSM RELATED CALLS RECEIVED VS. TOTAL NUMBER OF FACILITIES EMTIED FROM JAN-18 TO OCT-18**

<table>
<thead>
<tr>
<th>Month</th>
<th>Total number of FSM related calls</th>
<th>Total number of facilities emptied</th>
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</thead>
<tbody>
<tr>
<td>JAN-18</td>
<td>123</td>
<td>629</td>
</tr>
<tr>
<td>FEB-18</td>
<td>110</td>
<td>619</td>
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<tr>
<td>MAR-18</td>
<td>107</td>
<td>675</td>
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<tr>
<td>APR-18</td>
<td>134</td>
<td>665</td>
</tr>
<tr>
<td>MAY-18</td>
<td>135</td>
<td>665</td>
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<tr>
<td>JUN-18</td>
<td>100</td>
<td>665</td>
</tr>
<tr>
<td>JUL-18</td>
<td>100</td>
<td>665</td>
</tr>
<tr>
<td>AUG-18</td>
<td>108</td>
<td>665</td>
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<tr>
<td>SEP-18</td>
<td>71</td>
<td>50</td>
</tr>
<tr>
<td>OCT-18</td>
<td>49</td>
<td>28</td>
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**Water and Environment JSR – September, 2019.**
Strengthening Governance and Political Commitment

MEMORANDUM OF UNDERSTANDING (MoU) FOR THE NETWORK OF MAYORS OF KAMPALA CITY, WAKISO DISTRICT AND MUKONO MUNICIPALITY FOR WASH AND ENVIRONMENTAL INTEGRITY

Draft MoU

- Objectives;
  - Collaboration
  - Prioritizing WASH
  - Demand Creation
  - Participate in Policy Formulation
  - Joint implementation of programmes

Strong Sector Coordination and Partnerships

National Sanitation Working Group
Kampala Water and Sanitation Forum
Kampala CWIS Advisory/Steering Committee

- Policy Direction
- Planning
- Technical Decisions
- Financing
- Investment Decisions

Draft MoU

- Objectives;
  - Collaboration
  - Prioritizing WASH
  - Demand Creation
  - Participate in Policy Formulation
  - Joint implementation of programmes

8. SANITATION INNOVATIONS

http://172.16.1.55/ifms/- call centre

http://weyonje.com/login- Back End

https://gis.kcca.go.ug/portal/- Sanitation Mash Up
KAMPALA CWIS PROGRAM

Program Components

1. Citywide Services
   (Public Sanitation, Min Standards, Private Sector, Spatial Service Model)

2. Informal Settlements
   (Toilets, Sanitation Marketing, Subsidies)

3. Legal Framework
   (Enforcement)

4. Gender (Baseline Assessment, Mainstreaming)

5. Knowledge Management
   (Research, Innovation, Mentorship)

Updates

• Public Sanitation models in place
• Review of Minimum Standards – getting a Consultant
• Support to Private Sector – ongoing
• Sanitation Marketing – ongoing
• Which subsidy to use for urban poor?
• Gender baseline – near completion
• Mentorship of 10 municipalities

THANK YOU