



NATIONAL WATER AND SEWERAGE CORPORATION, UGANDA



A UTILITY'S PERSPECTIVE ON RESOURCE RECOVERY AND REUSE OF FAECAL SLUDGE

By

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Who We Are

- A parastatal 100% government owned set up in 1972.
- **Vision:** To Be A Leading Customer Centred Water Utility In The World
- **Mission:** To sustainably and equitably provide cost effective, quality water and sewerage services to the delight of all stakeholders while conserving the environment.



Uganda

NWSC Operations

- Water Operations – 240 towns/cities
- Sewerage Operations -17 towns/cities
- Faecal Sludge Treatment Plants -5 towns/cities
- 1 dual treatment plant – Lubigi WWTP/FSTP
- Combined treatment capacity - 70,000 m³/day

NWSC - DISTRICTS OF OPERATION



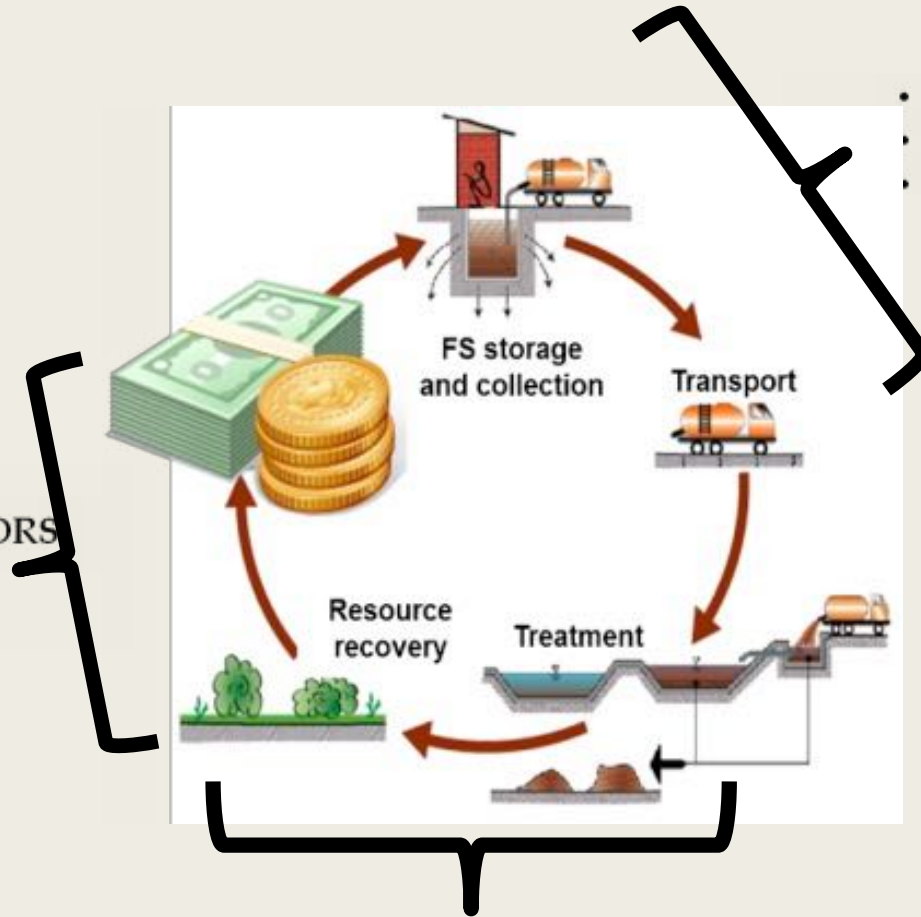
NWSC Role - Sewerage

- **Planning and development of sewerage network and treatment infrastructure**
- **Operation and Maintenance of the sewerage network**
- **Effective Collection, treatment and safe disposal of sewage -extended to include Faecal Sludge**
- **CSR – Construct toilets, catchment protection**



NWSC Role -FSM

- NWSC
- PRIVATE OPERATORS
- SMEs
- NGOs



- DISTRICT/TOWN COUNCILS
- PRIVATE OPERATORS
- NGOs

- NWSC
- PRIVATE OPERATORS

RRR -Achievements

- Effective treatment system in Kampala – 300 tonnes/month from Lubigi
- Marketable product -Soil additive sold to farmers
- MoUs – with private sector, NGOs



RRR - Challenges



- **Insufficient capacity**– insufficient sludge
- **Quality of FS**–affects treatment processes
- **Lack of Appropriate technologies** – costly to scale up, labor intensive
- **Solid Waste** –improper disposal
- **Limited Mandates** – limits investments



Thanks!

Any questions?

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