

THE POLICY & PRACTICE FORUM 2023

Session 5: Faecal Sludge Treatment Systems : Planning, Technology, Performance, Economics and Operations

Informal sector engagement for sustainable FSSM

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Engagement of the informal sector for the Sustainability of FSSM

- FSSM focuses on human waste management at INR 200 – INR 250 per capita as a way to provide rapid sanitation coverage to all, while the more comprehensive sewerage system costs INR 7,000 – INR 11,000 per capita⁴.

Who is saving this money?



Hence policies and guidelines should have increased perspective of the FSSM market and the key stakeholder

- Sanitation enterprises*; prefer to remain invisible
- ULB's limitation in engaging with them as a 'PARTNER'



- Ways to Organize the informal sector service providers- licensed as Micro-enterprises
- Mechanisms for improved engagement with the service providers (ULB capacity and the agreement type)
- Encourage to form a consortium of sanitation enterprises

- Inadequate number, Location challenges, not fit for the tankers
- Poor approach roads and Resistance from the residents



- Location mapping and survey,
- Budgets for making the locations suitable for FS disposal

Those with sewerage services receive subsidized services in most cities as the cost of recovery for formal water and sewerage systems is very low. However, the urban poor pay in full for FSSM which is an inequitable burden on them.



- Multiple fee is being paid by the service providers
- This encourages service providers to work anonymously
- Increased likelihood of low supply of Sludge at the treatment unit



Procurement of the services by the ULBs directly from the service providers

- Rudimentary technology
- Tractors at the subsidized rates
- Quality and Safety issues



- Technology/ equipment specifications can be standardized
- Financing mechanism for micro-enterprises
- Awareness on the financing mechanisms
- Increased business environment



- Scattered demand-challenge in data collection
- Congested places remain unreached
- Inadequate monitoring encourages inappropriate disposals



- Demand aggregation – Mandatory through call centers or mobile applications Service completion and feedback mechanism
- Technology-based monitoring mechanism



Thank you !

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