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Top-down or Bottom-up: A decision-making framework for faecal sludge and septage management implementation in urban India

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Top-down or Bottom-up:

INTERNATIONA

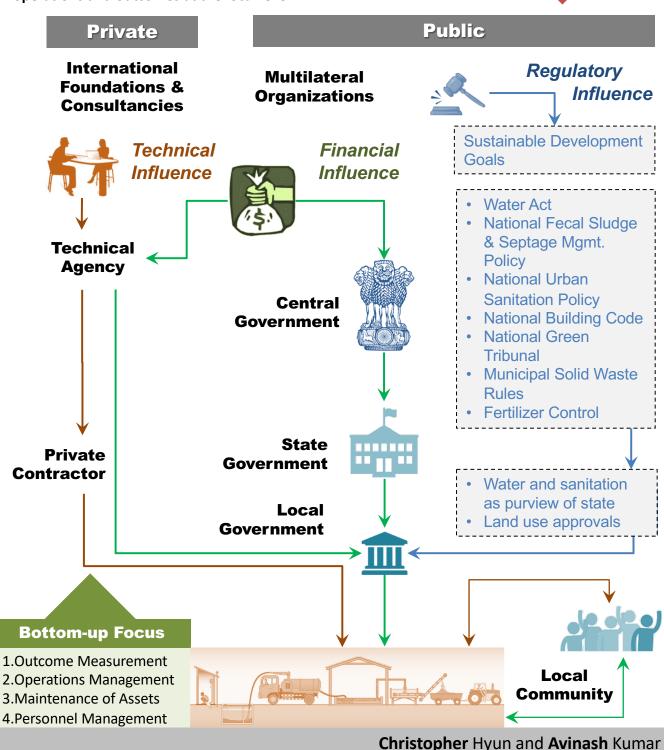
REGIONAL

A decision-making framework for faecal sludge and septage management implementation in urban India

Top-down processes focus on planning and organizing institutional roles and responsibilities (technical, financial, and regulatory influences). These processes need to be cognizant of operations and outcomes at the local level.

- 1. Standards & Norms
- 2. Institutional Guidelines
- 3. Financing for Assets
- 4. Capacity Development
- Capacity Development
 Awareness Generation

Top-down Focus



42nd WEDC INTERNATIONAL CONFERENCE

ONLINE: 13 -15 September 2021



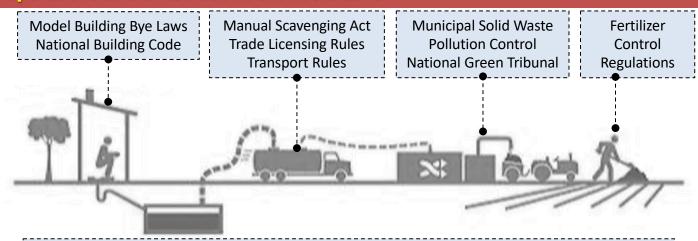
Top-down or Bottom-up:

A decision-making framework for faecal sludge and septage management implementation in urban India

Top-down processes of international and national agencies should address key challenges observed from various case studies of faecal sludge management projects in urban India.

Bottom-up processes refer to the roles and responsibilities of local and regional agencies that are closer to addressing challenges on the ground.

Operations and Outcomes at the Local Level



National Urban Sanitation Policy & National Faecal Sludge & Septage Management Policy

Key Challenges observed across the Sanitation Service Chain

User Interface

X

Poor construction quality on on-site systems



Absence of periodic maintenance of on-site systems

Collection



Unsafe means of collecting & transporting faecal sludge



Environmental justice for workers & local communities

Treatment

A

Unsustainable O&M of Assets



Unregulated disposal & open discharge of faecal sludge



No support to

establish linkages

for marketing

treated byproducts

Disposal/Reuse

Pollution of water bodies and aquifers

Christopher Hyun and Avinash Kumar

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Equitable and Sustainable WASH Services Future challenges in a rapidly changing world

