Imperatives and Challenges for Local Data Ecosystems: Learning from Odisha

Neha Agarwal Senior Research Associate, CPR nagarwal@cprindia.org





South Asia Dialogue Series on SDG 6 Universal Access to Water and Sanitation by 2030

WEBINAR 2

THURSDAY
27 JANUARY 2022

Fostering robust local data ecosystems for sustainable sanitation service delivery in cities of South Asia







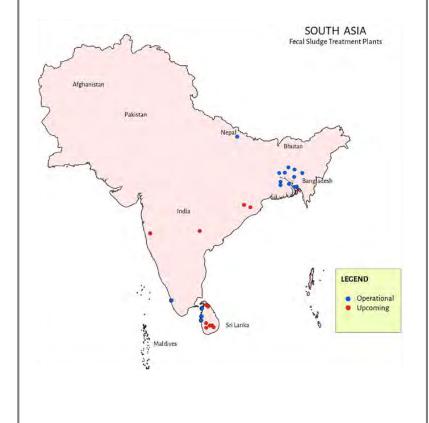




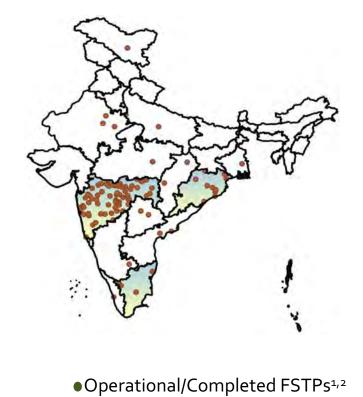




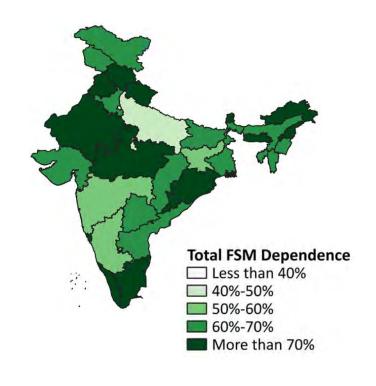
Formal FSM served nearly 0% of 1.3bn



Formal FSM serving about 1% of total population or ~14mn



FSM estimated to serve sanitation needs of 64% of total national population or ~960mn

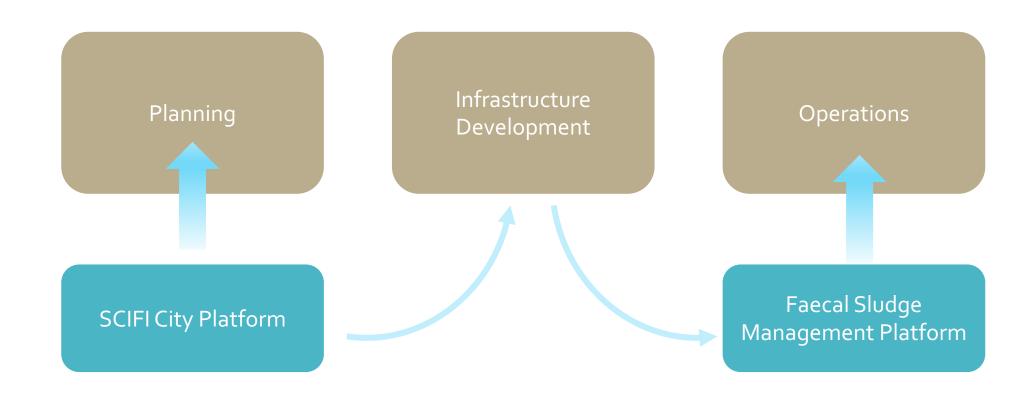


CENTRE FOR POLICY RESEARCH



¹as per information available on July 16,2020 from national PMU

Access to Safely Managed Sanitation



Planning

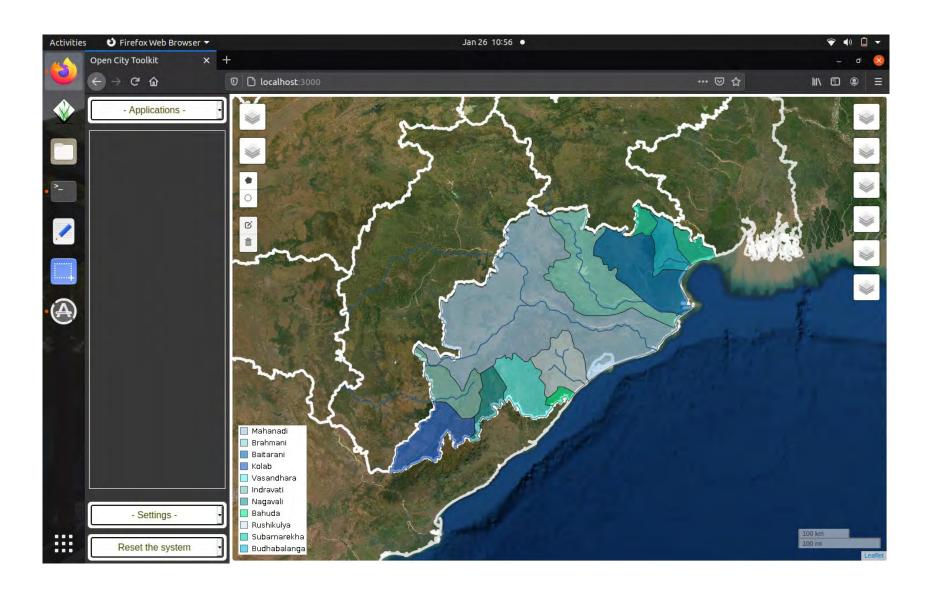
Legend * Operational FSTP O Under Construction FSTP Construction to be Started O Tender Invited Selected Districts 0 35 70 140 210 Water table below 10 m? Land 50 m Water table level Is the closest away from surface below 3m and hard STP/FSTP less than water bodies? strata below 1.2m? 10 kms? Loading less than 6 KLD? Yes Yes Yes

Operations

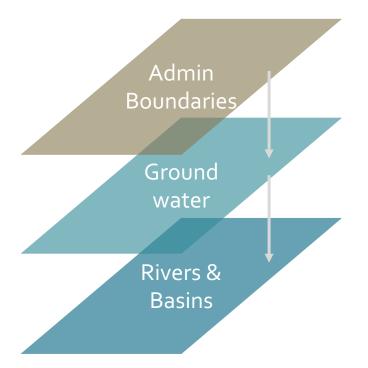


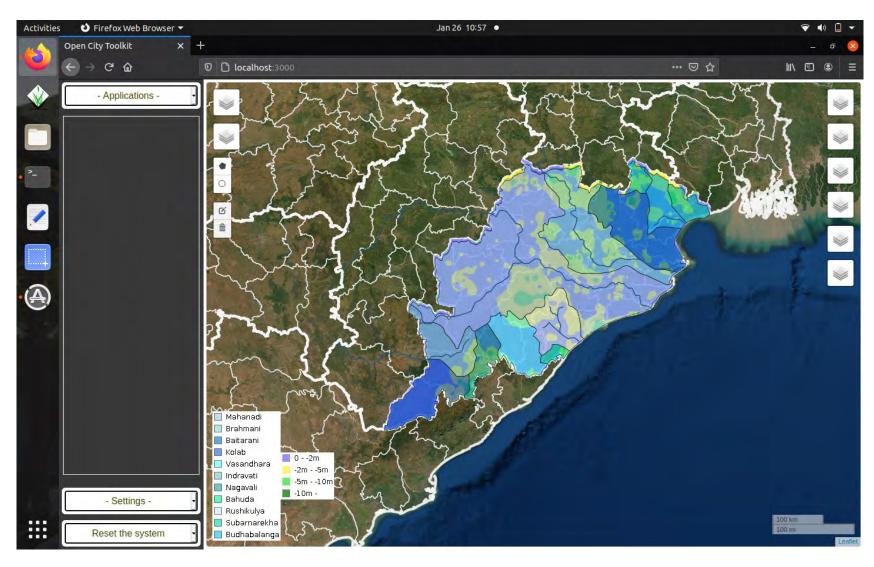


Rivers & Basins



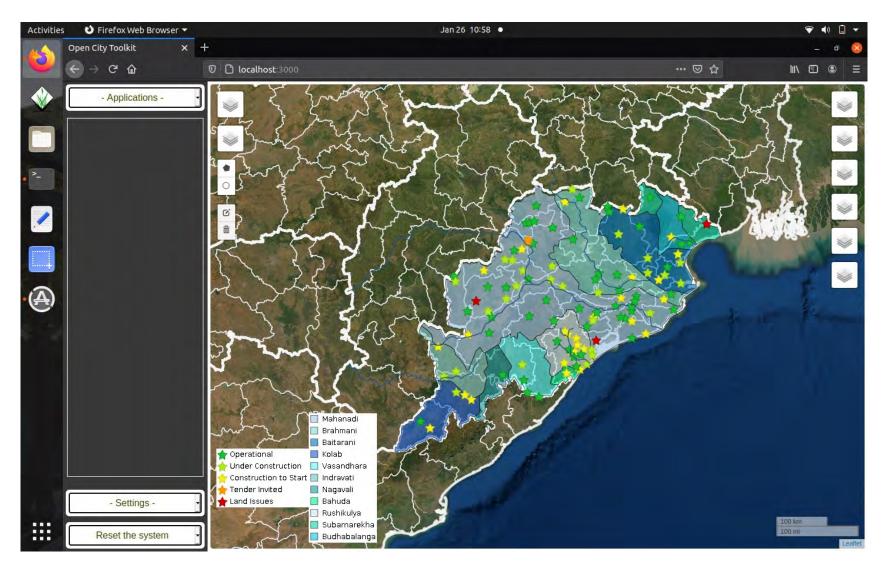






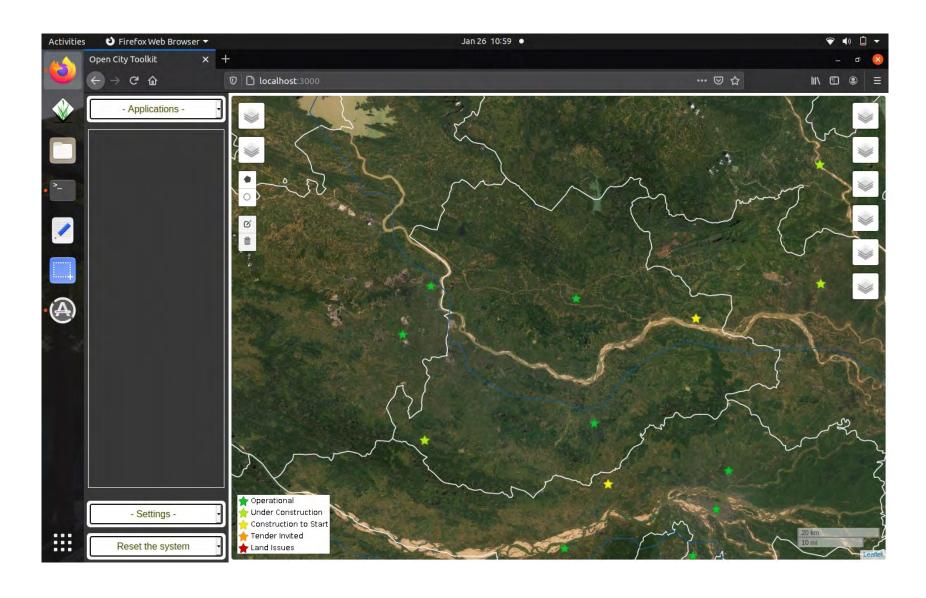






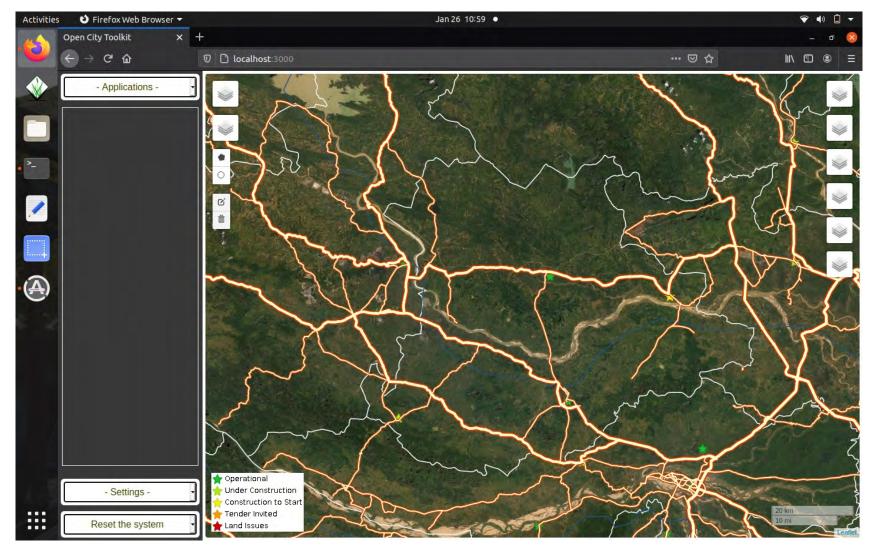






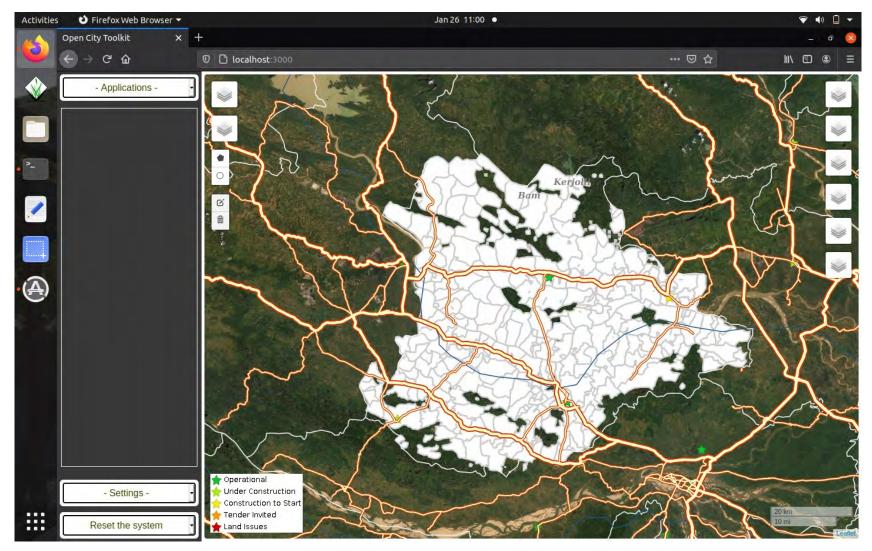




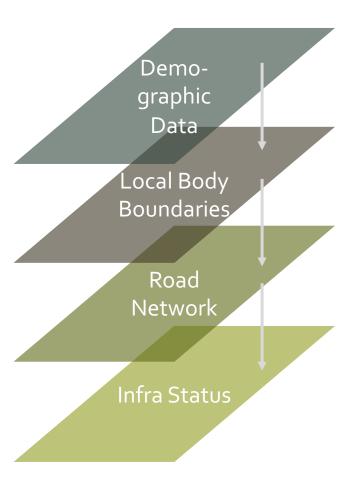


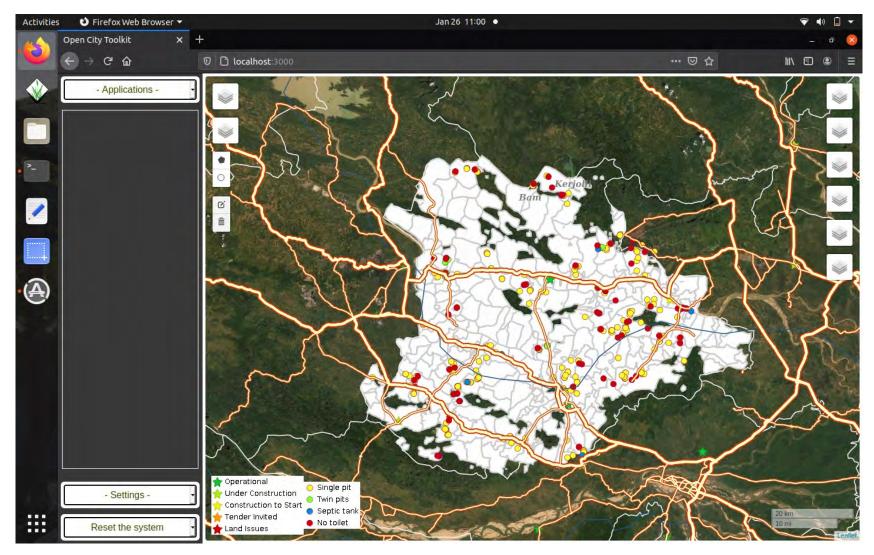




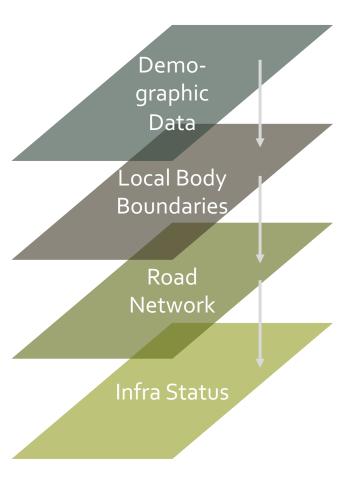


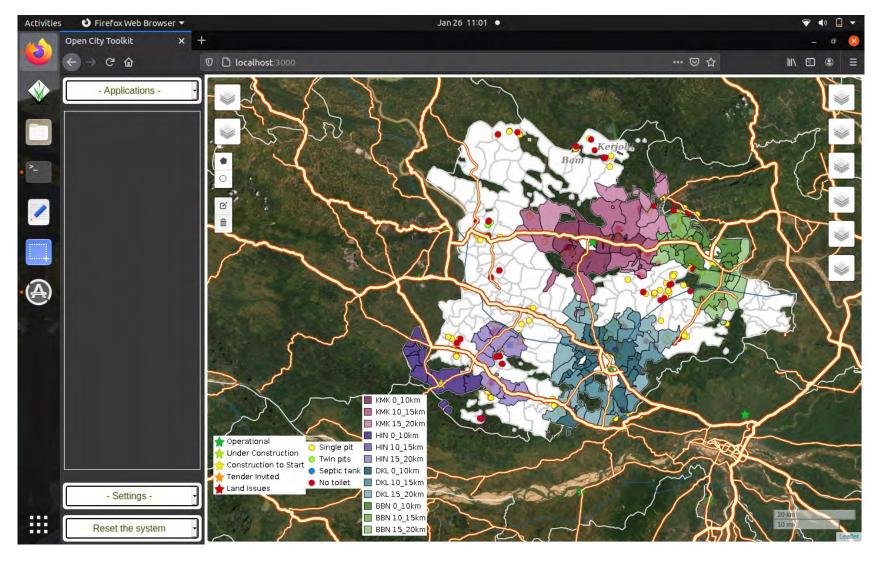




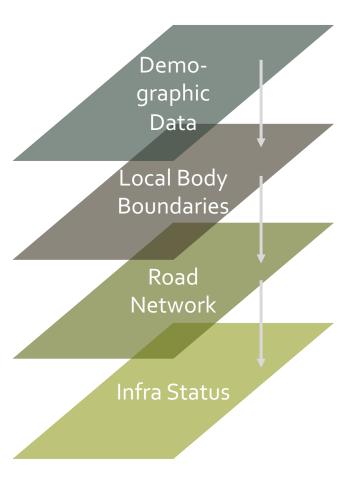


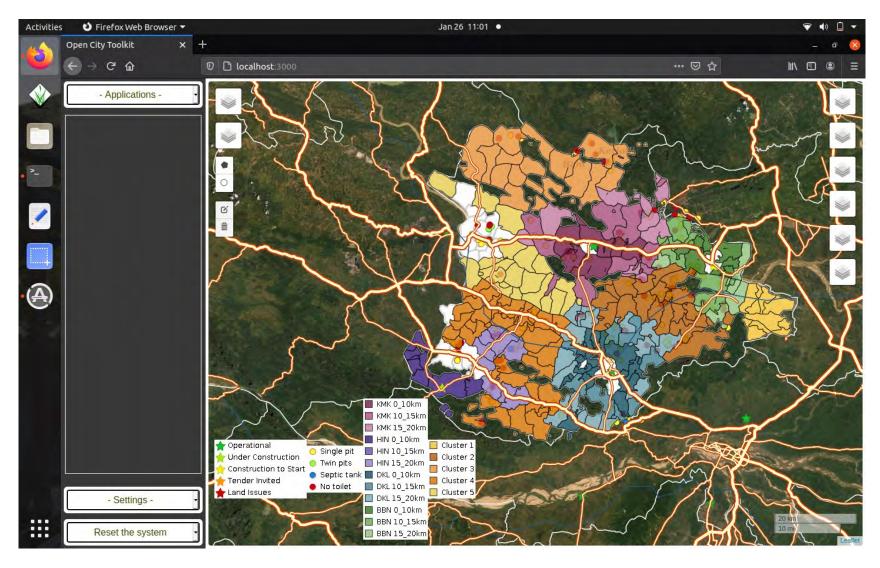














Faecal Sludge Management Platform



The next of the property of th

ULB assigns vehicles & generates invoice

Live since December 13, 2022



FSTP accepts evacuated sludge & reports back

The state of the s

Feedback form goes to citizen

Desludging operator delivers

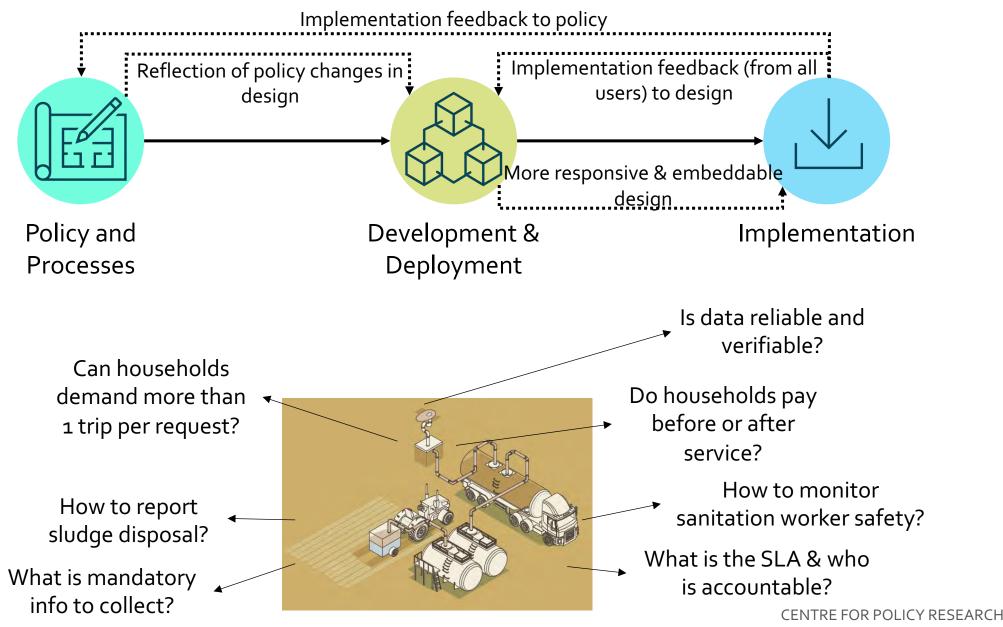


CENTRE FOR POLICY RESEARCH

WATER
SANITATION

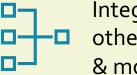
Invoice & payment link goes to citizen

Creating a data system conducive to embeddment



How to strengthen local data ecosystems?

Systems



Integration with other data systems & modularity



Basic hardware

People



Trainings + Retraining + Monitoring + Feedback



O&M Planning & Ecosystem Governance

Processes



Operational & strategy insights how-to



Evolving with sanitation landscape



National Govt – Service level assessments State/Local Govt – Service system & ops improvement

IFIs/Donors – Investment planning

Pollution Control
Board – Env
outcome
monitoring

National/State Govt – Infra dev framework Citizen –
Feedback &
participation for
planning

Citizen – Service request & feedback

National Govt – Investment planning SDG – Service level goal-setting & monitoring

NGT – Env outcome & compliance monitoring Pollution Control Board – Consent to operate & establish

Local Govts -

Private Sector – Service planning & delivery

National Govt – Programme monitoring

NGT – Env outcome & compliance monitoring City/Regional Sanitation Plans

State/Local Govts
- Contract &
vendor mgmt

Global "Sanitation as
human right"

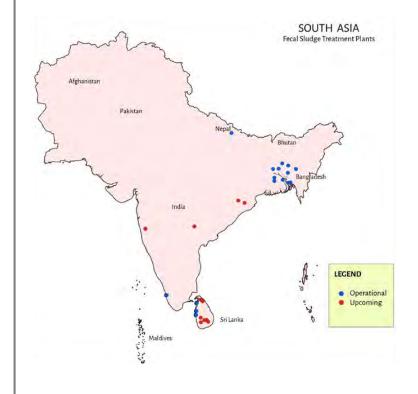
Local Govts – Detailed Project Reports



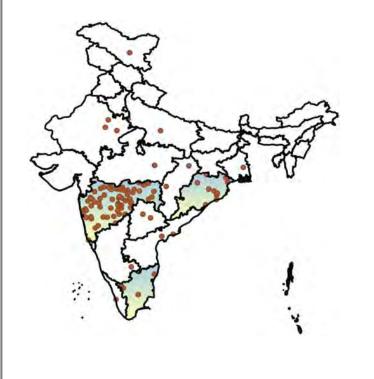
INTERNATIONAL	Global - "Sanitation as human right" SDG – Service level goal-setting & monitoring
NATIONAL	Investment planning Programme monitoring Service level assessments Pollution Control Board/NGT – Envoutcome &
STATE	Detailed Project Compliance monitoring Service system & ops
LOCAL District /Urban Local Body/Rural Local Body	Reports Contract & vendor mgmt City/Regional Sanitation Plans Contract & vendor improvement Service planning & delivery
CITIZEN	Feedback & participation for planning Service request & feedback



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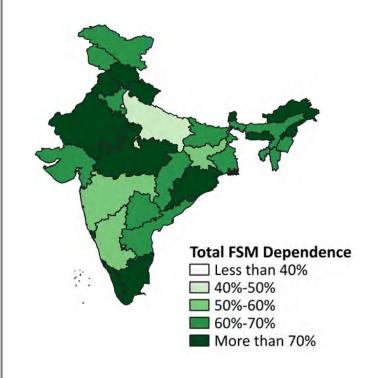
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Operational/Completed FSTPs^{1,2}

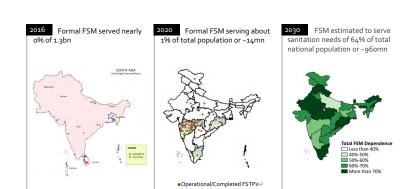
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State Governments Andhra Uttar Telangana Tamil Nadu Odisha Maharashtra Pradesh Pradesh **ULBs** ULBs **ULBs** ULBs **ULBs** ULBs EY (Reserve

National Government

Diversity of approach

Diversity of resource

Unified goals

Data Systems a tool

Data Ecosystem a project





THANK YOU



www.cprindia.org

The Scaling City Institutions for India (SCI-FI) programme aims to better understand 'governance scale' in Indian cities in tandem with 'sector specific socio-economic scales'. Through research, the programme aims to inform stakeholders, including the three tiers of the government, to develop better informed policies and programmes enabling improved governance and service delivery. It has two key thematic focus in areas of Land, Housing and Planning, and Water and Sanitation. The SCI-FI programme is nested at the Centre for Policy Research (CPR) since 2013.