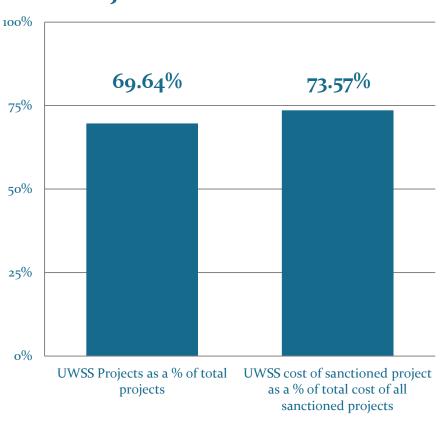


Performance assessment systems for improved service delivery



UWSS under JNNURM

INNURM FUNDING



- UWSS = water supply, sewerage, solid waste, storm water drainage
- 367 projects worth
 Rs. 44129 crore sanctioned for UWSS
- Nearly 75% of total investment sin UWSS

Need for Performance Information in urban water and sanitation

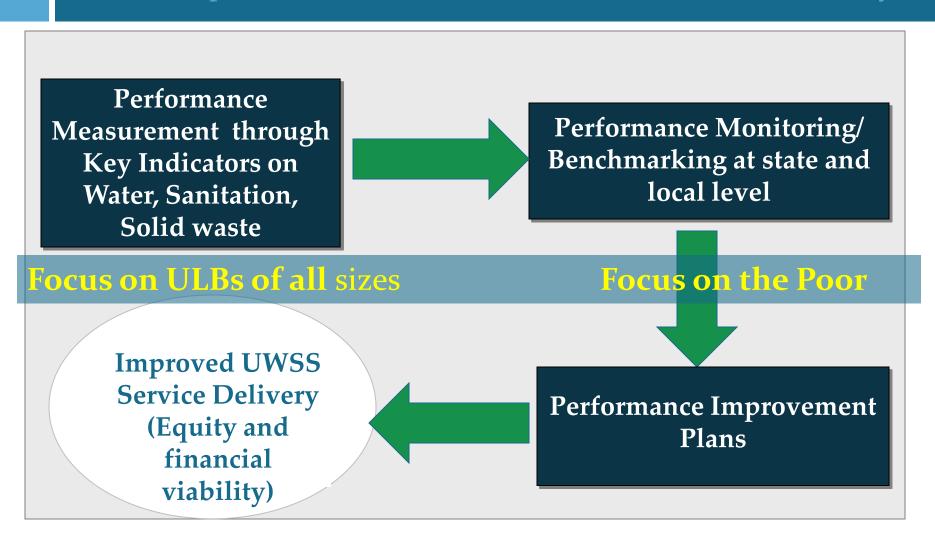
- Aggregate statistics suggest good coverage of water and sanitation in urban areas in India
- BUT little is known about the quality, level and financial sustainability of service
- Only limited information on access of urban poor households to water and sanitation is available
- Lack of WSS information leads to misallocation of resources
- Difficult to assess impact of past investments

Need to move from reform linked to <u>outcome liked funding in</u>
<u>INNURM-2 and state programs</u>



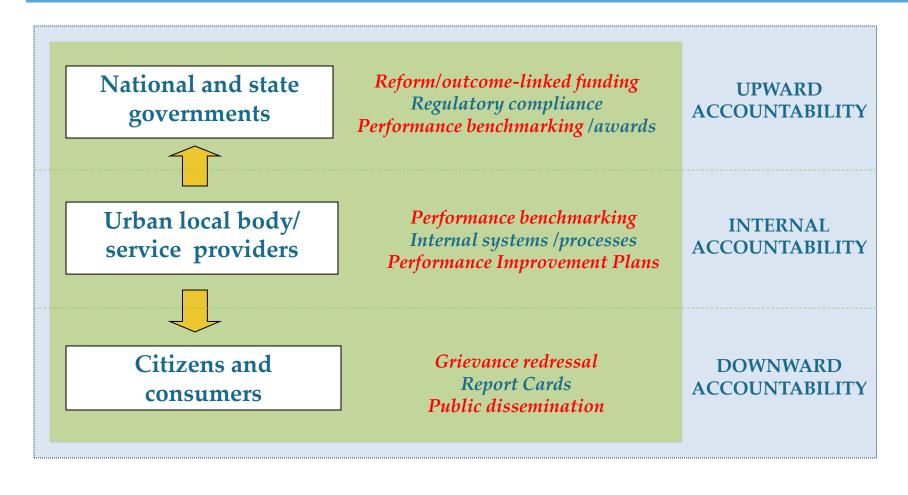
WHAT IS PAS?

A sustainable statewide performance assessment system for improving access to the poor and un-served, and achieve financial sustainability

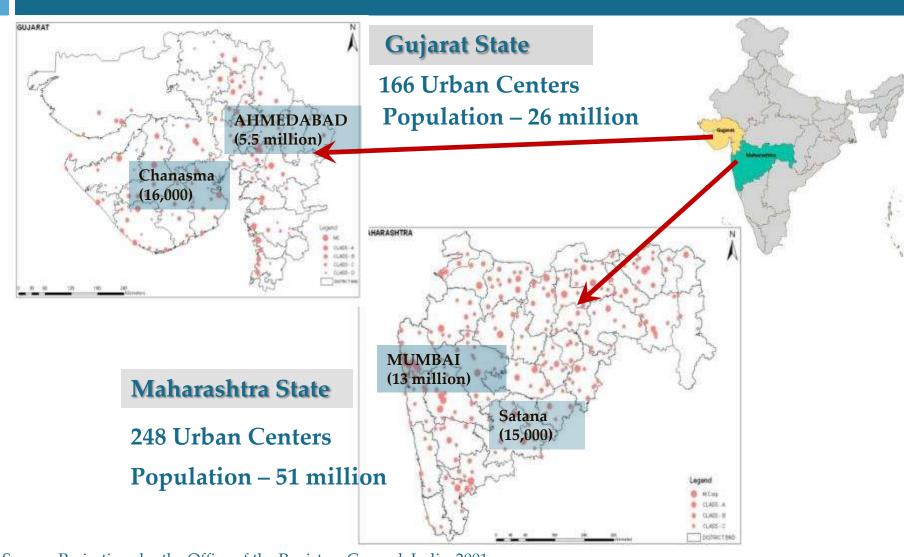


Improving Accountability

Need for robust information on service delivery performance



States and Urban Coverage - PAS Project



Source: Projections by the Office of the Registrar General, India, 2001

Performance Measurement

A. <u>Service Delivery Outcomes</u> Service Goals

- Universal access and coverage
- Service levels and quality
- Financial sustainability



B. In

Key Performance Indicators (KPIs)

B. Intermediate Operational Outcomes Key Reforms

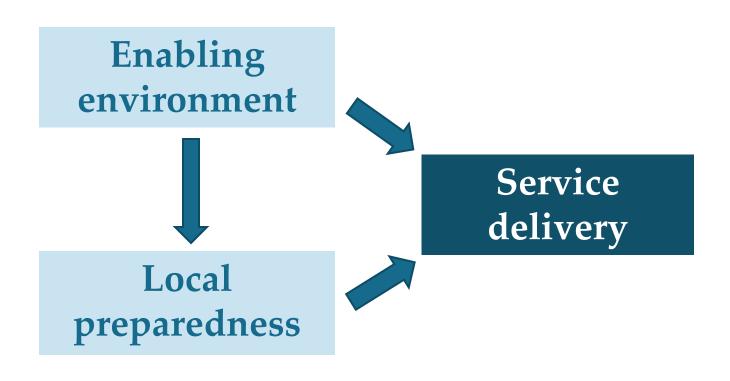
- •Efficiency in service operations
- Equity in service delivery

Key indicators are aligned with Government of India's Service Level
Benchmarks
(SLB) Initiative

C. Indicators for Local Action

E.g. for Equity, Water quality, Non-revenue water, Consumer grievance redressal

Framework for Equity Assessment



Equity Assessment - PAS Project

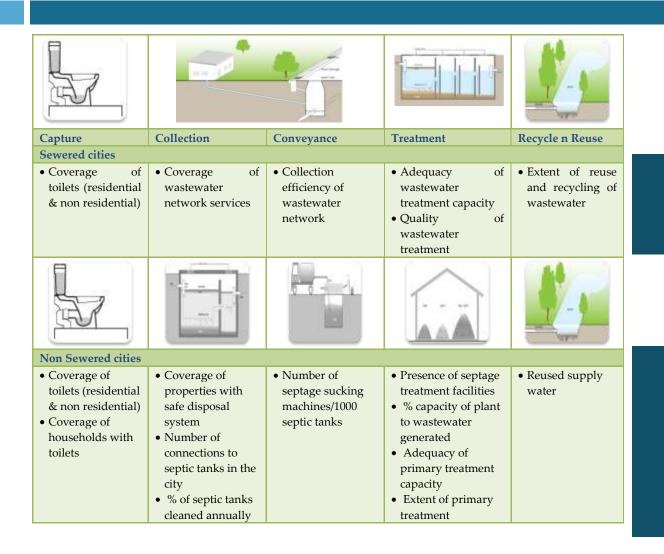
Service provider surveys

- □ ULB surveys Services in slums (water, toilets, sewerage, SWM); policy, finance for slum services and connection processes
- □ Slum settlement surveys service levels, quality
- □ Mapping of slum locations (50 cities) and detailed plans of each slum (Ahmedabad) for use in planning

Household surveys

□ State level (by size class of cities) estimates for slum and non-slum households for: access and coverage, service levels and quality, costs and complaint redressal

Adding Indicators for Non-sewered Cities



Cities with sewerage

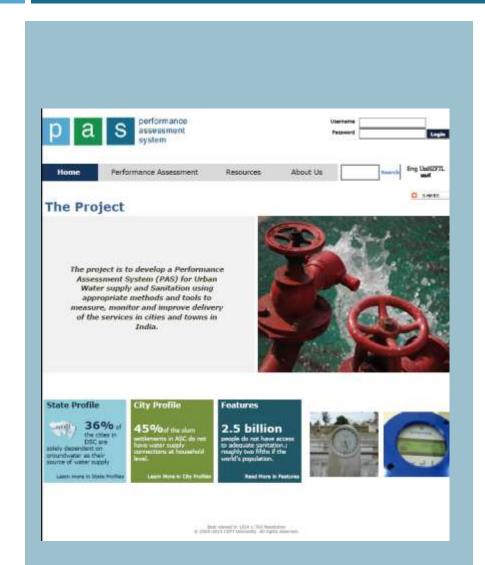
Cities with onsite sanitation systems

Data Collection Tools: excel -> online

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Performance Monitoring

Performance Monitoring

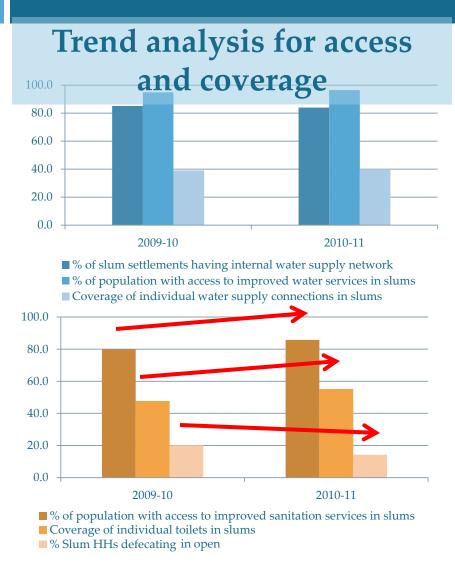


Gujarat and Maharashtra state wide PAS web portal for performance monitoring

- ■Web portal set up
- □Differential access by user category
- □Includes:
 - **✓**Tools for measurement
 - ✓ Monitoring results at state and local level
 - **✓** Tools for improvement
 - ✓ Good practices for improvement
 - **✓** Local language

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Services in Slums – 2009-10 & 2010-11



Enabling Environment Policies and funding

- □ **Policy Support**: 95% of cities surveyed have a policy provision to provide UWSS services to slum settlements
- ☐ **Pro-poor budget allocations:** The annual budget allocations for pro poor service provision ranges from 2-20%, with > 50% reporting 20% allocation

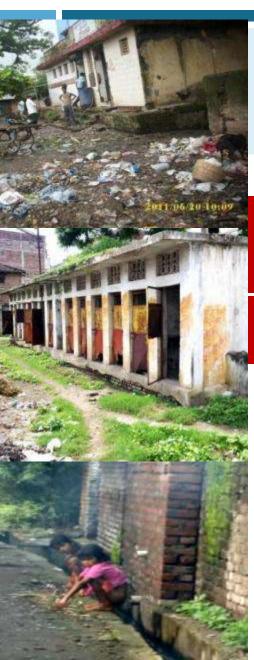
Performance Improvement

PIP Toolkit for Decision Making

- ✓enables the utility to benchmark itself with its peer group and universal norms
- ✓ comprehensive list of actions and improvement measures
- ✓ distinction between 'low-cost no-cost' and capital intensive interventions
- ✓ impact of actions on service delivery, revenues, costs, and financing
- ✓ enables an assessment of financial sustainability



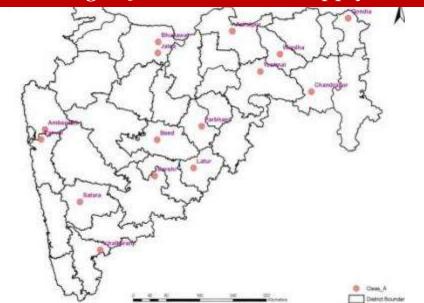
Performance Improvement Plans



PIPs are being prepared for 15 Class A cities of Maharashtra to make cities open defecation free and have 24x7 water supply.

About 32% population resort to open defecation due to lack of safe sanitation facilities.

9 cities do not supply water daily. Average 1.5 hours of water supply

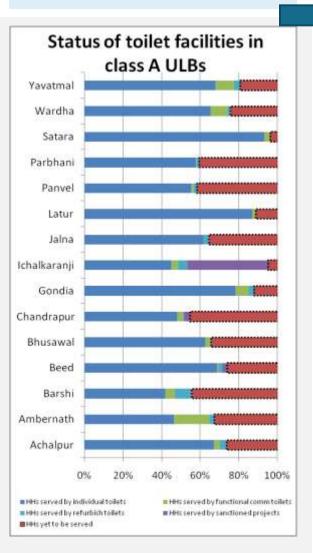






Plan for Open Defecation Free Cities

I] Assessment of toilet facilities and gap to reach ODF



II] Strategy for OD plan formulation

Life-cycle costing

In just a span of 5 years, the construction and O&M cost of community toilet overweighs expenditure on provision of individual toilet

In 10 years, community toilets prove to be 25% more expensive

In addition, individual facilities provide better service and privacy.

The proposal includes providing individual toilets. In areas with space limitation group toilets for 3 - 5households.

Proposed toilet share to meet gap Individual toilets = 75% Shared toilets = 25% III] Proposal for ODF for 15 cities

Targeted community mobilization and IEC campaign

Number of toilets required:

Individual toilets = 136,115 Shared toilets = 15,124

Funding requirements:

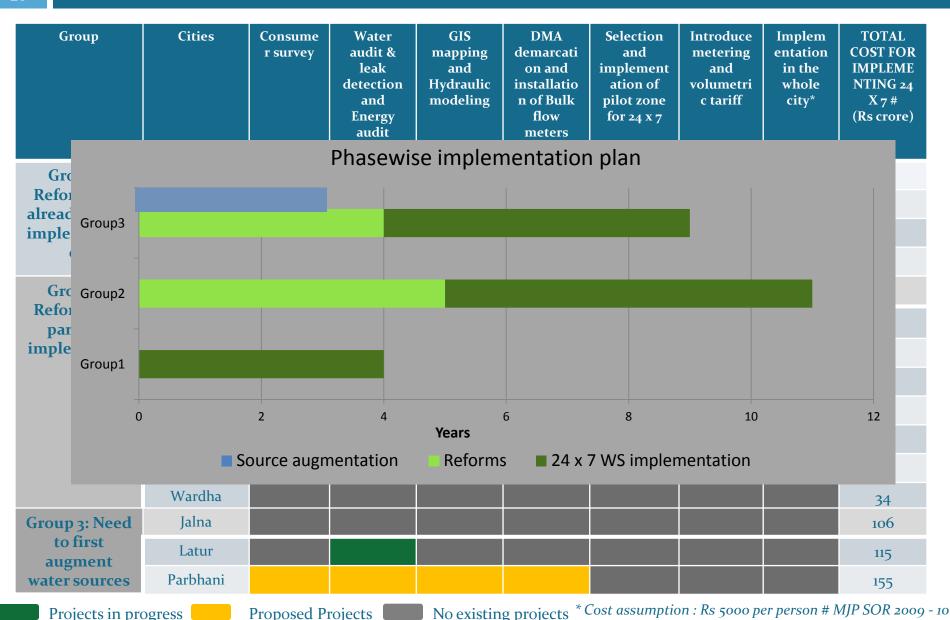
Public funds required Rs. 293 cr

Beneficiary contribution Rs. 71 cr

IEC campaign costs Rs. 63 cr

Total expenditure = Rs. 430 cr

Moving Towards 24 x 7 Water Supply



Proposed Projects

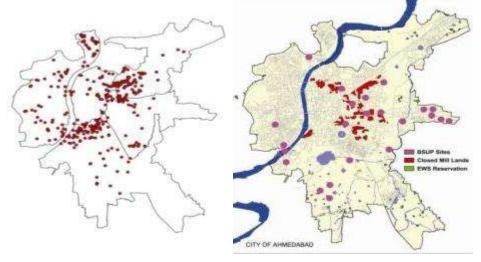
Projects in progress

GIS based Slum Information System Tools for Decision Making

> Helps in policy decisions and effective planning; ranging from a single slum settlement to the entire city.

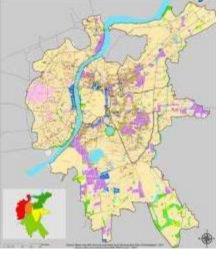
Identification of slums that need to be relocated

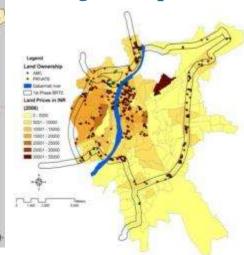
Land bank Identification



Location of slums w.r.t. land use of city

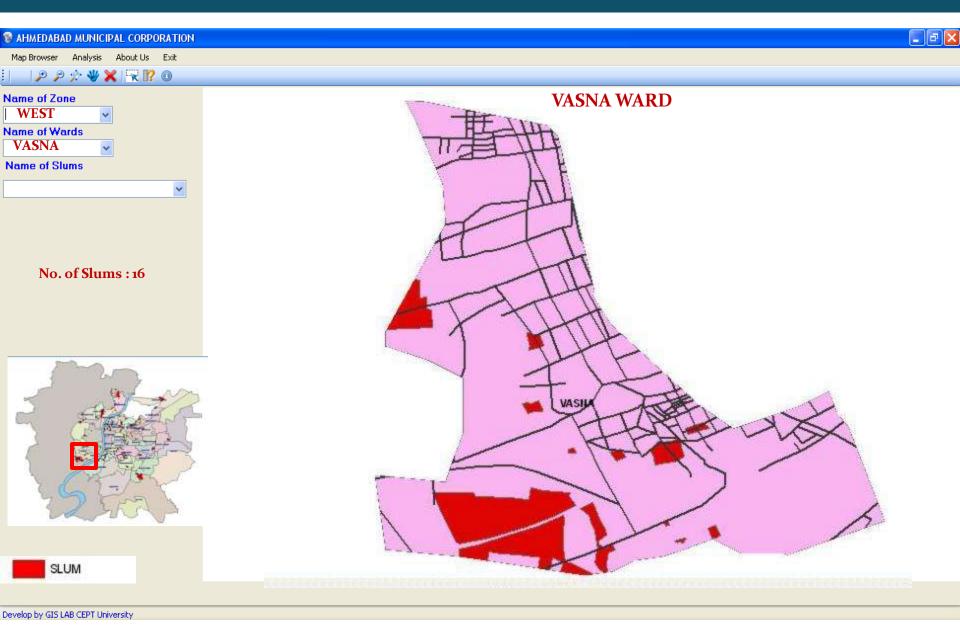






- > Identify the slums under different various slum redevelopment model
- Decision making in Infrastructure Planning and implementation
- > Allows the inter-departmental linkages and regular updating of slum database

Demonstration: Web Enabled GIS Based MIS for Slums



Demonstration: GIS Based MIS for Slums: Jadiba Nagar



Web enabled GIS based MIS module will be linked with e-governance through AMC intranet System

Summing Up

- Setting up robust performance assessment systems is critical for accountability for improved service delivery
- Performance benchmarking not as a one-off report but as a mainstreamed annual cycle by state and local governments
- Explicit inclusion of equity, non-sewered sanitation
- Linking measurement to improvement with simple support tools and consultative processes
- Ensuring local ownership and dissemination



Thank You

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