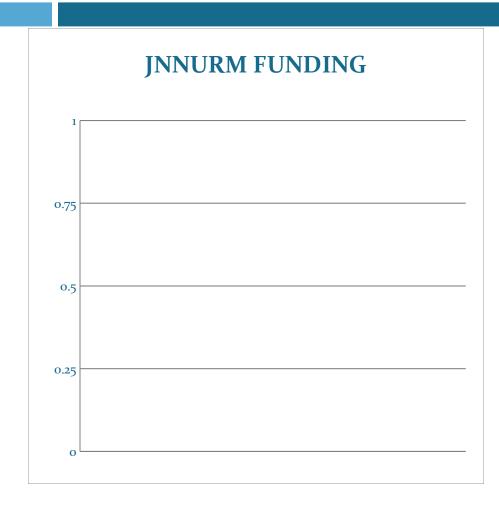




UWSS under JNNURM



- UWSS = water supply, sewerage, solid waste, storm water drainage
- 367 projects worth
 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

Performance
Measurement through
Key Indicators on
Water, Sanitation,
Solid waste

Performance Monitoring/ Benchmarking at state and local level

Focus on ULBs of all sizes

Focus on the Poor

Improved UWSS
Service Delivery
(Equity and
financial
viability)

Performance Improvement Plans

Improving Accountability

Need for robust information on service delivery performance

National and state governments

Reform/outcome-linked funding Regulatory compliance Performance benchmarking /awards

UPWARD ACCOUNTABILITY

Urban local body/ service providers Performance benchmarking Internal systems /processes Performance Improvement Plans

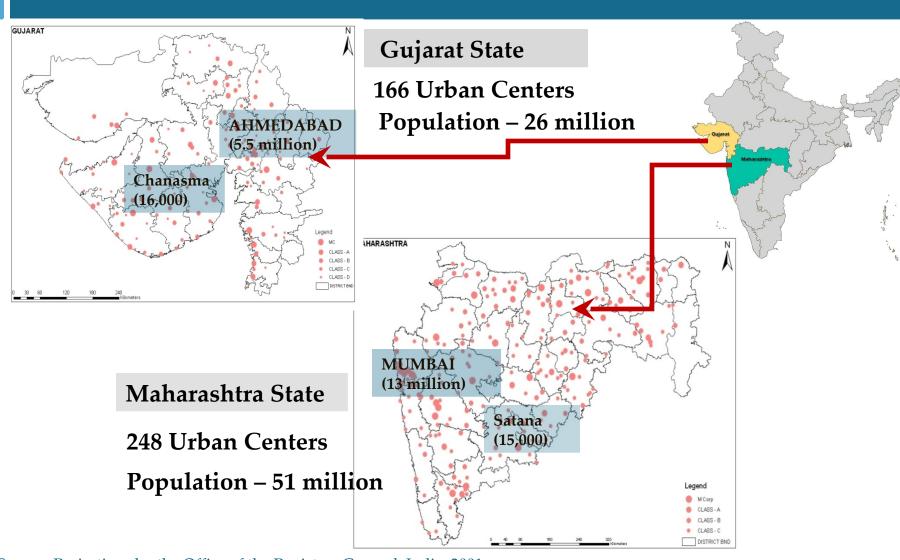
INTERNAL ACCOUNTABILITY

Citizens and consumers

Grievance redressal Report Cards Public dissemination

DOWNWARD ACCOUNTABILITY

States and Urban Coverage - PAS Project



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

Measurement Framework Goals-Reforms-Local Action

A. Service Delivery Outcomes Service Goals

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



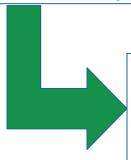


Key Performance Indicators (KPIs)

B. Intermediate Operational Outcomes Key Reforms

- *Efficiency in service operations*
- Equity in service delivery

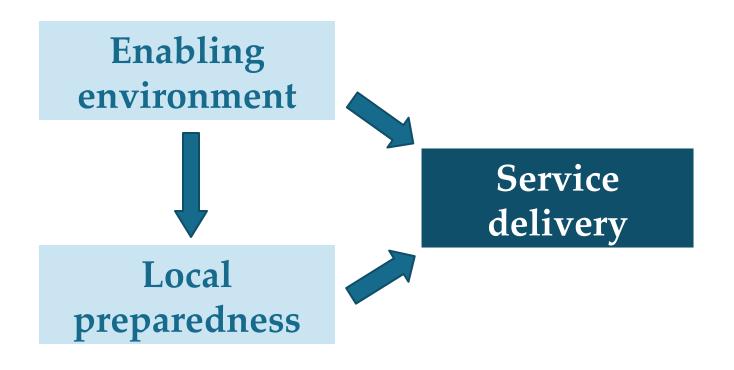
Key indicators
are aligned with
Government of
India's Service
Level
Benchmarks
(SLB) Initiative



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

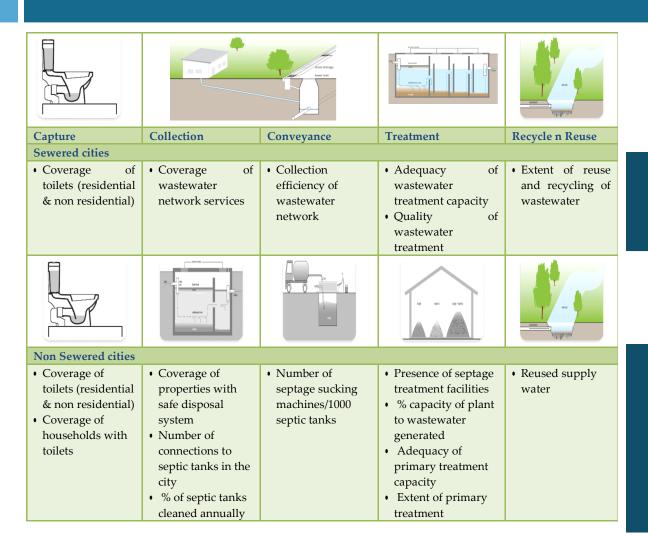
Service provider surveys

- □ 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

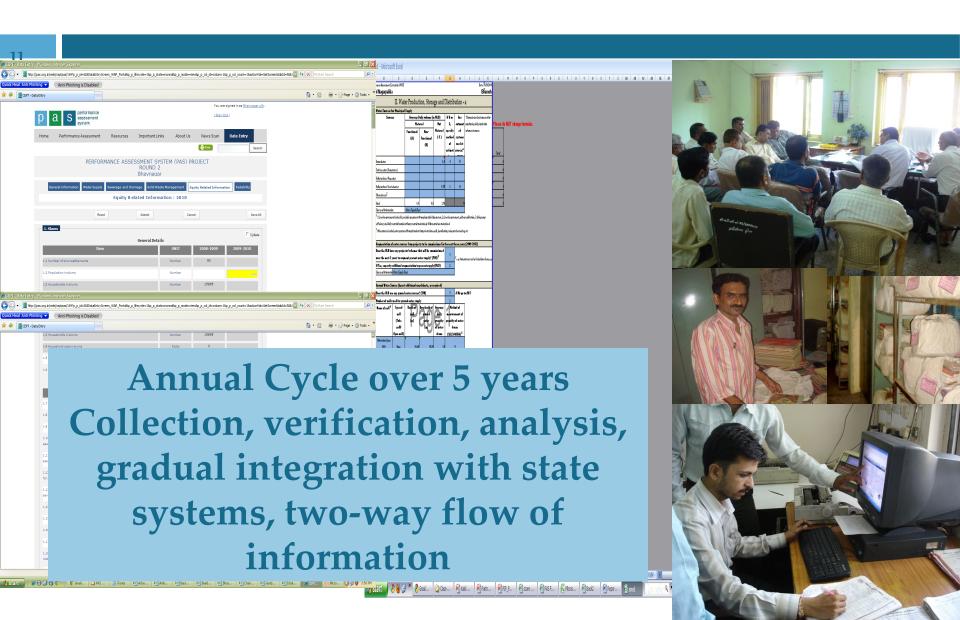
Adding Indicators for Non-sewered Cities



Cities with sewerage

Cities with onsite sanitation systems

Data Collection Tools: excel -> online



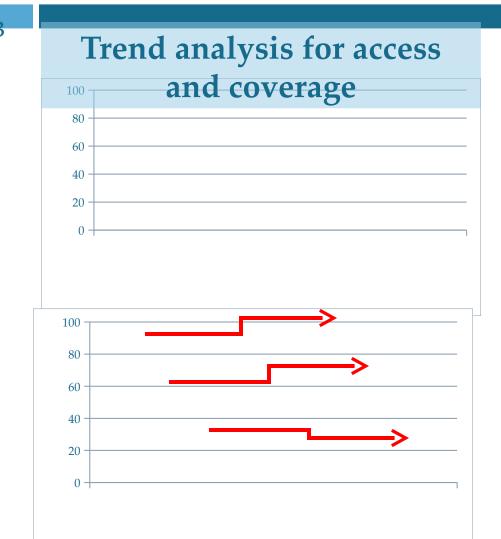
Performance Monitoring



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 languagepas.org.in

Services in Slums – 2009-10 & 2010-11



in open

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

Source: Based on preliminary results from PAS Project Round II from 90 cities in Gujarat for 2009-10 and 2010-11

PIP Toolkit for Decision-Making

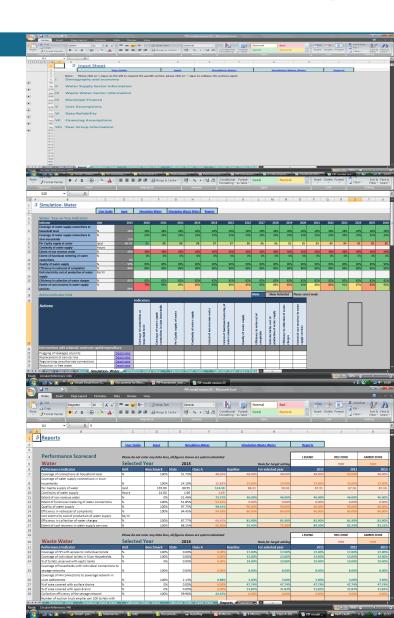
'enables the utility to benchmark itself with its peer group and universal norms

'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



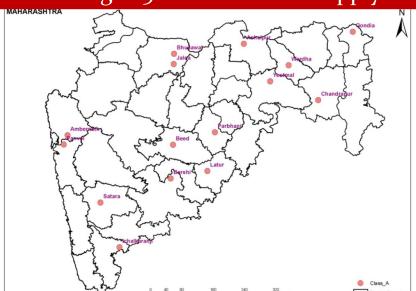
Performance Improvement Plans



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

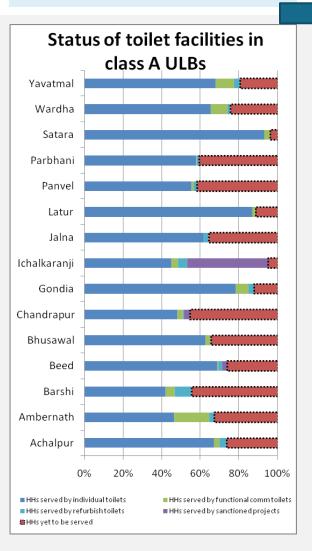






Plan for Open Defecation Free

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 c

Beneficiary contribution

Rs. 71 ci

IEC campaign co

Rs. 63 c

Total expenditure = Rs. 430 cr

Moving Towards 24 x 7 Water Supply

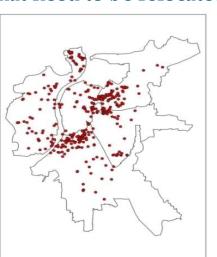
Group 1: Reforms are already under implementati on	Ambernath				77
	Gondia				61
	Satara				60
	Yavatmal				40

Group 2: Reforms are partially implemented	Achalpur				33
	Barshi				26
	Beed				105
	Bhusawal				94
	Chandrapur				182
	Ichalkaranji				30
	Panvel				96
	Wardha				34
Group 3: Need to first augment water sources					106
	^r Latur				115
	Parbhani				155

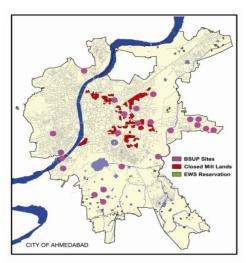
GIS based Slum Information System Tools for Decision Making

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

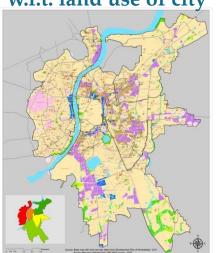
Identification of slums that need to be relocated



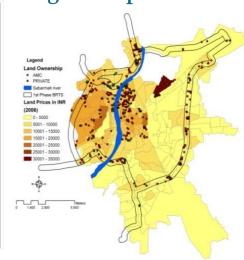
Land bank
Identification



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

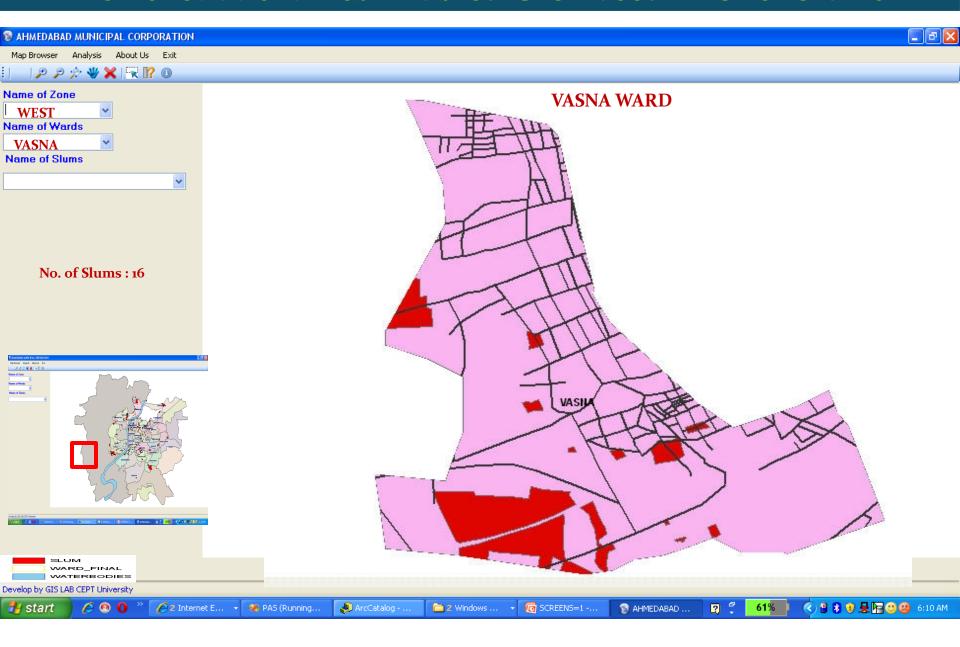


Slum pockets located on High land price



- 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_____

- 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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