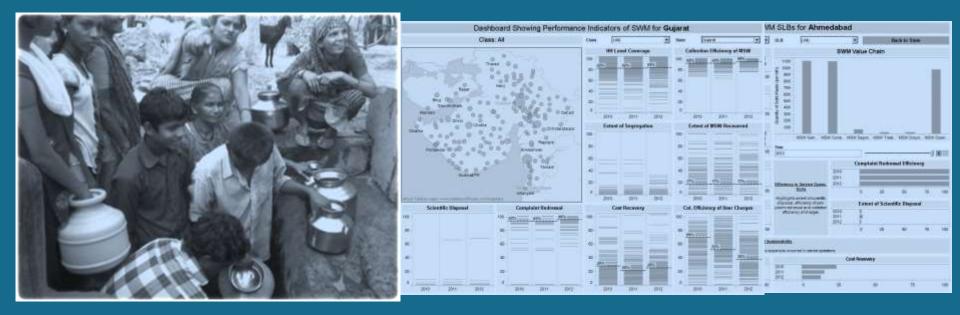
Presentation from 2015 World Water Week in Stockholm

www.worldwaterweek.org

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Online assessment system for water and sanitation services in India World Water Week 2015

Need for performance information

Government of India (GoI) has launched various programs for water supply and sanitation service improvements:

- Swachh Bharat Mission Thrust on elimination of open defecation and cleanliness
- AMRUT To achieve benchmark of universal coverage of water supply and sanitation
- Smart cities Promote cities that provide core infrastructure and give a decent quality of life to its citizens

Monitoring outcome of these programs require assessment of service levels.

Funding is linked to service level improvement

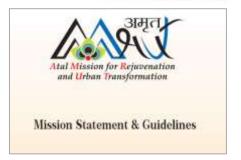
Online performance assessment tool

developed by PAS helps in monitoring

service level improvement







PAS

Assess service delivery in water and sanitation

profile for 400^+ Cities

Performance Assessment System

in 2 States for 6 years

National database for 1800 cities For 18 states for 3 years

www.pas.org.in

Water supply, Waste Water, Solid waste Management & Storm Water



misallocated investments??

And YET·····

(PPSEMOLDS:OST FOR SEWERAGE PROJECTS

\$2.58.6% UAQURM-PREMISES

FUNDS ALLOCATEBOTOSES OWNER ARGIS OR TUNICCTS

OPEN DEFERENCE \$26% Mn

MPPSTOWEDSCOST FOR WATER SUPPLY PROJECTS

\$3.53 BY LACK PREMISES

FUNDS ALLOCATED FOR WATERIOUBPHOPESUBONS



UNTREASED 826 Mn

PAS Approach – moving to a virtuous cycle

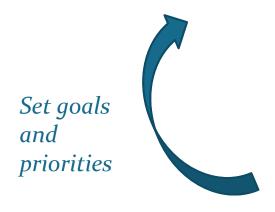
Performance Measurement

With agreed key indicators against goals



Performance Monitoring

at scale and at all levels: centre, state and local



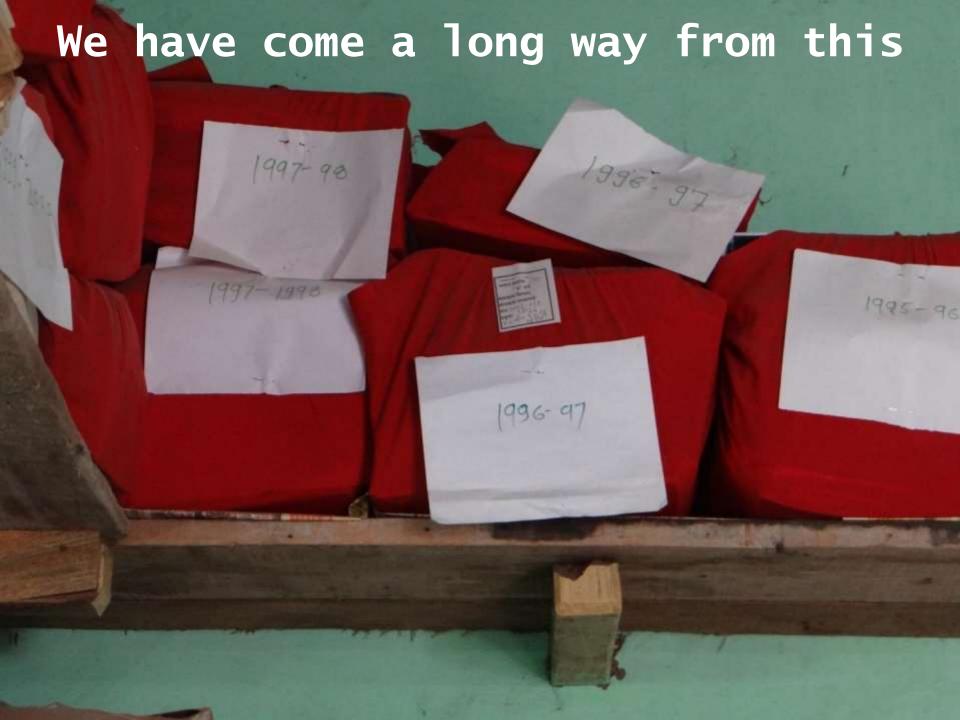
Improved urban water and sanitation service delivery

Performance Improvement

plans, tools and innovative financing



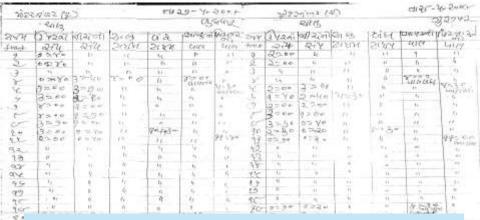
Measure and monitor performance to reward and learn from success and demonstrate results



Data management practices in Indian cities



Absence of data recording system at ground level



If recorded, then it was not collated to be analyzed / reported to higher level

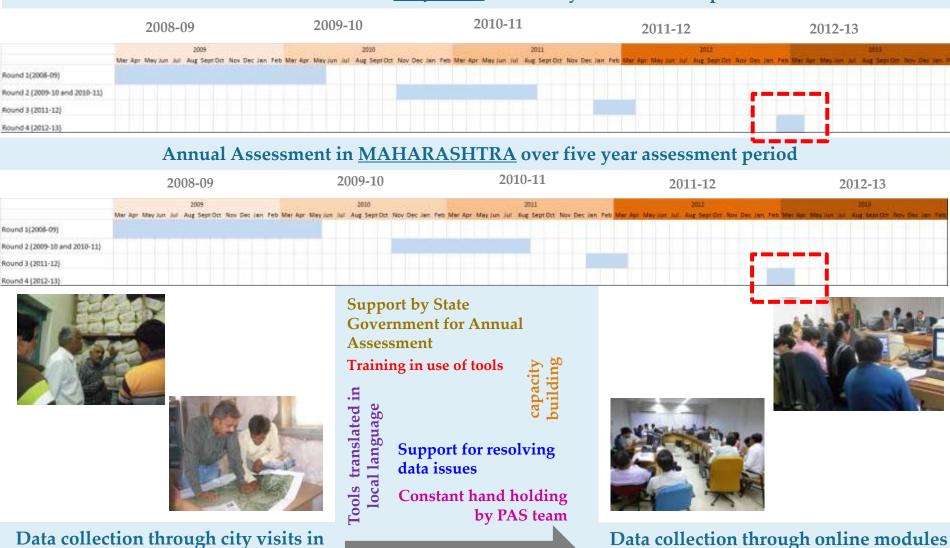


Most of the records are paper based and fragmented.



Time taken for annual assessment

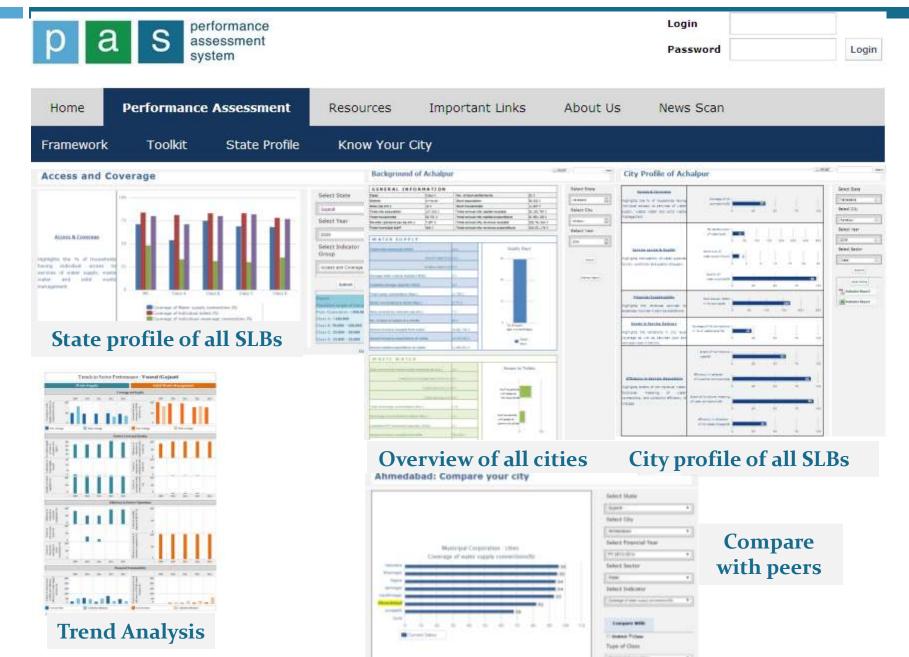
Annual Assessment in **GUJARAT** over five year assessment period



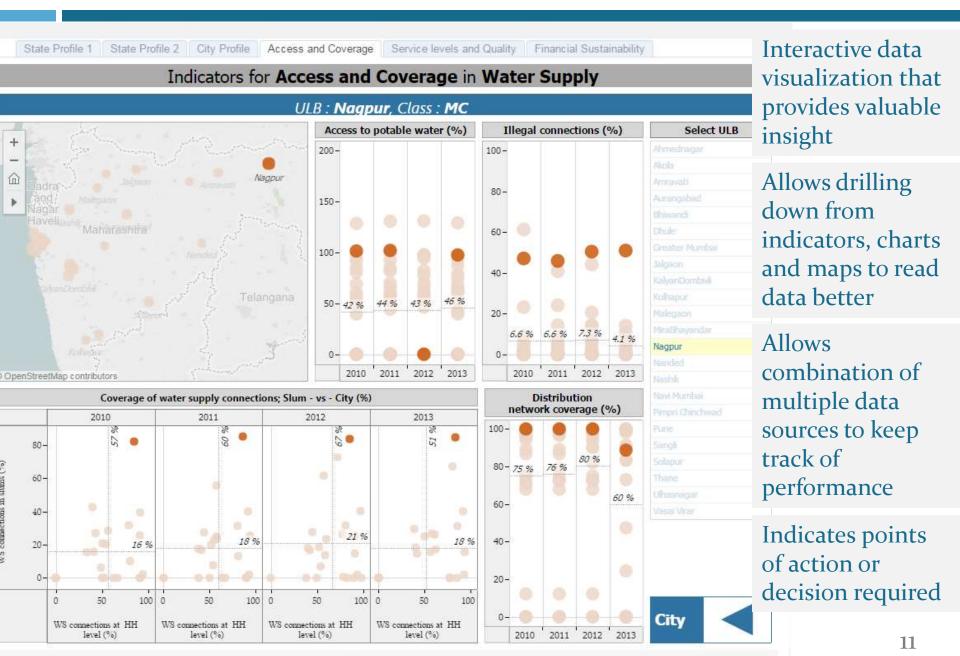
Data collection through city visits in Year I (2008-09), supported by Partners

in Year V (2012-13). Self assessment by select ULBs

Online analysis reports



State and city level interactive dashboard



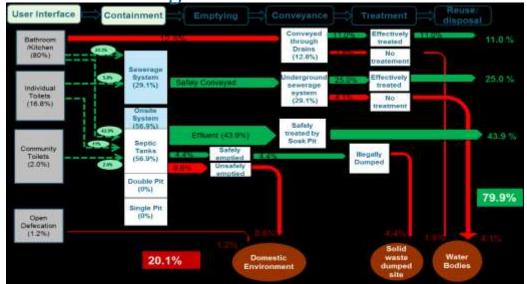
City level assessment reports

Schematic diagram of water supply system

System input volume: Revenue water: 24 MLD 18.6 MLD



Wastewater diagram



Theme wise analysis reports



Access and coverage



Equity in access to service



Service level and quality

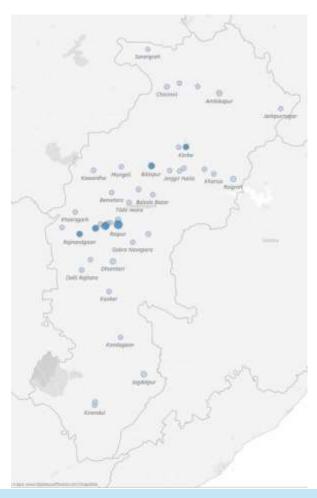


service operations



Financial sustainability

Replication in Other states



Chhattisgarh State (6 million urban population) has used online PAS – SLB module for data collection and analysis for the year 2014-15



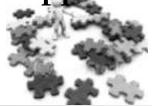
Online system can be used for monitoring various government programmes : Smart cities, AMRUT, Swatchh Bharat Abhiyan



Roll out in Other states: CEPT in partnership with National Institute of Urban Affairs (NIUA) will provide technical support to interested states

Approach to performance improvement planning

Conventional Approach



'PROJECT'
based approach

Oriented towards **OUTPUTS**

SUPPLY DRIVEN

Focus on **PROJECTS**

INDIVIDUAL

PAS Approach

'SERVICE' based approach



Oriented towards **OUTCOMES**

Starting point is current performance – **NEED DRIVEN**

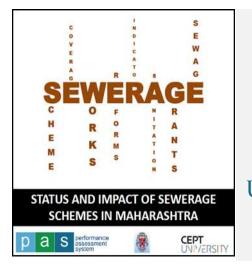
Focus on **SECTORAL SOLUTIONS**

Performance Assessment to Improvement

State Level



UWSS information is used in preparation of policies for improvement of urban sanitation Gujarat - Mahatma Gandhi Swachhta Mission Maharashtra - Swachh Maharashtra Abhiyan



Monitor service
level
improvements
through various
UWSS programme
/ projects

Recommendations
to introduce
performance base
grant system in
Gujarat and
Maharashtra



What value additions did we intend to bring?

- □ **No Pilots**.....operate at Scale to make an impact
- Work with all levels of Governments National,
 State and Local and influence policies and implementation
- Capacity building of city and state level officials on Benchmarking
- Develop a system that can be mainstreamed and sustained in the government with its own resources
- Focus on the 'real' context for benchmarking water and sanitation in developing country context – equity, on-site sanitation

Key lessons

- Scale is critical to demonstrate importance of performance assessment systems
- Working with governments is essential, but so is patience.....adequate time required to mainstream in government system 5 to 7 years
- Government ownership and regular reviews are essential
- Once fully set up, PAS can be used for both outcome monitoring and rational investment decisions
- Benchmarking exercise needs to be linked to performance based funding



Thank You

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