Journey of PAS: Towards Data Driven Governance

June 20, 2019

CWAS CENTER FOR WATER AND SANITATION · CRDF CEPT RESEARCH AND DEVELOPMENT FOUNDATION · CEPT UNIVERSITY

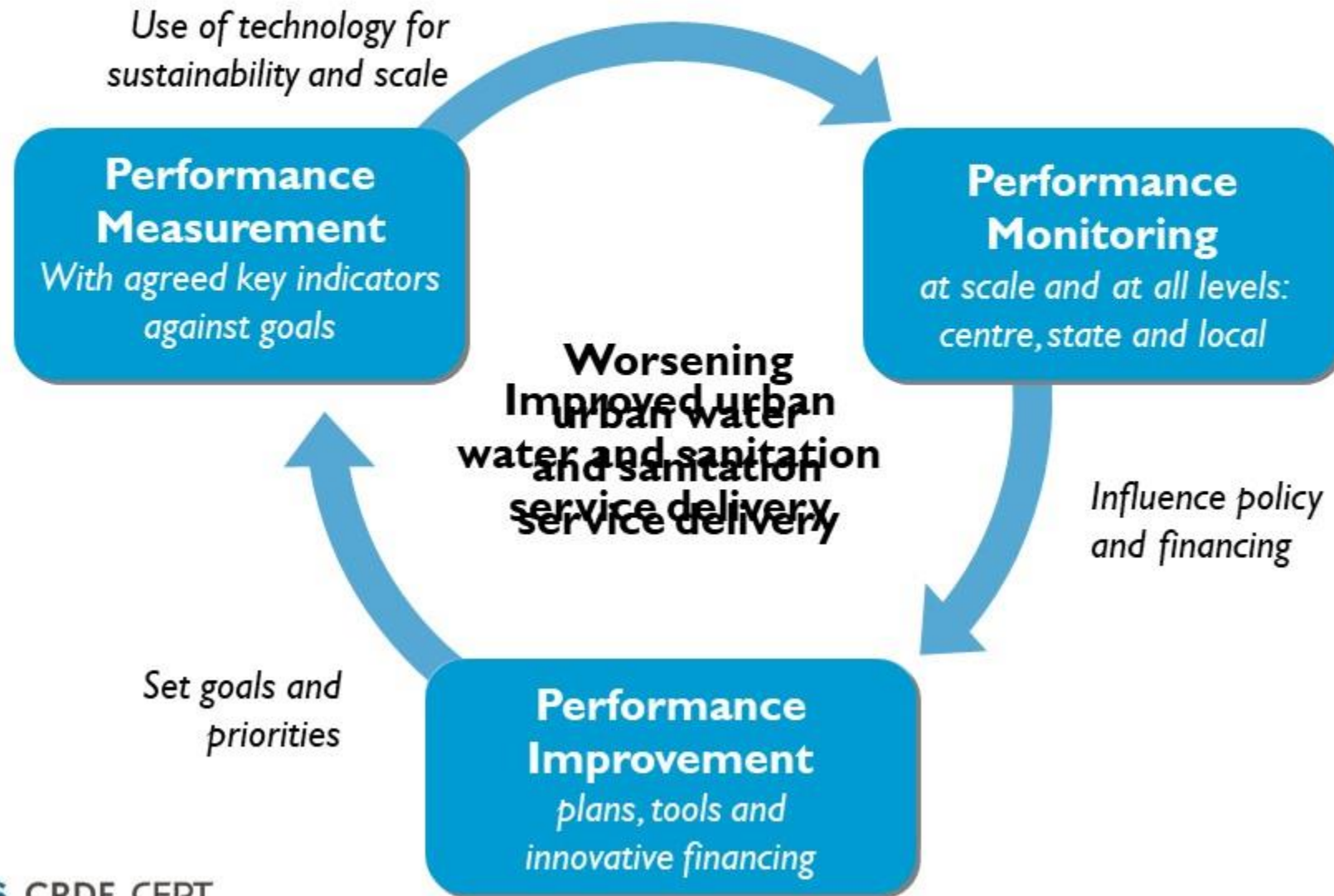# Urban India –Water and Sanitation

40% of Indians will have no access to drinking water by 2030: NITI Aayog

'Nal se Jal' Is the slogan now

70% of waste water remains untreated – FSSM is urgently needed

PAS Approach – moving to a virtuous cycle

Use of technology for sustainability and scale

Performance Measurement
With agreed key indicators against goals

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

Worsening urban water and sanitation service delivery

Improved urban water and sanitation service delivery

Influence policy and financing

Set goals and priorities

Performance Improvement
plans, tools and innovative financing

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

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3

Improving Accountability of Urban Local Governments

Need for robust information on service delivery performance

National and state governments	Reform/outcome-linked funding Regulatory compliance Performance benchmarking /awards	UPWARD ACCOUNTABILITY (strong)
Urban local body/ service providers	Performance benchmarking Internal systems /processes Performance Improvement Plans	INTERNAL ACCOUNTABILITY (weak)
Citizens and consumers	Grievance redressal Report Cards Public dissemination	DOWNWARD ACCOUNTABILITY (weak)

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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 to 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 developing countries – **slums and equity, onsite sanitation systems, local action indicators**

☑ Open data – available for use by all

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Journey of PAS

We have come along way from this …
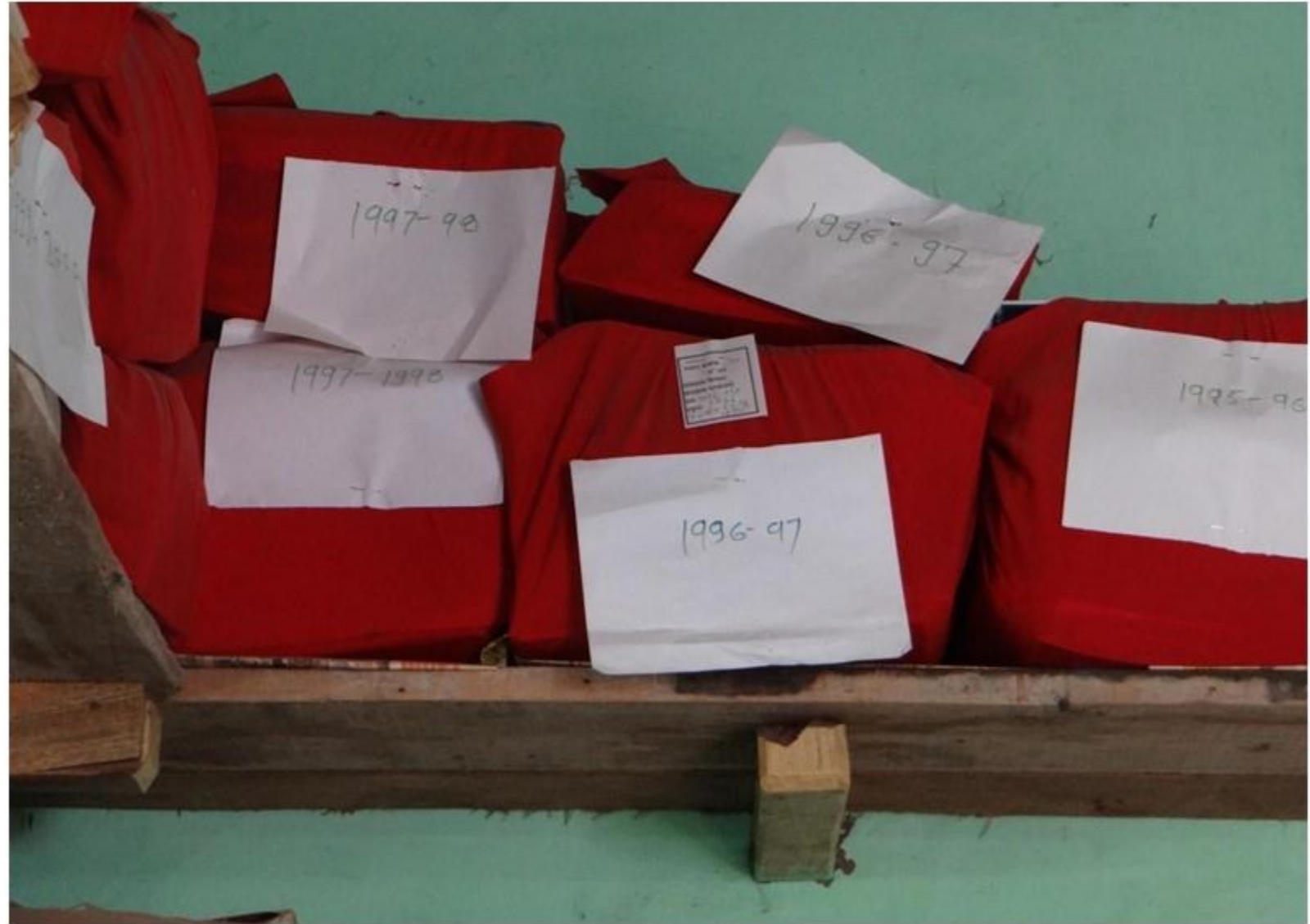
… to online data systems

PAS Journey from 2009....going strong

2009 – 416 Cities
68 Million population
- 167 Cities of Gujarat
- 249 Cities of Maharashtra

......continued for 8 years

2015 – 463 Cities
72.8 Million population
- 168 Cities of Gujarat
- 259 Cities of Maharashtra
- 43 Cities of Chhattisgarh

2016 – 908 Cities
96.5 Million population
- 168 Cities of Gujarat
- 364 Cities of Maharashtra
- 168 Cities of Chhattisgarh
- 69 Cities of Telangana
- 96 Cities of Assam
- 43 Cities of Jharkhand

www.pas.org.in : **The largest database on urban water sanitation in India**

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9

Various dashboards

Option to view **year wise** information

Overview of the city provides general information across all the sectors

Compare Your City helps each city compare itself with another city based on its respective class or state.
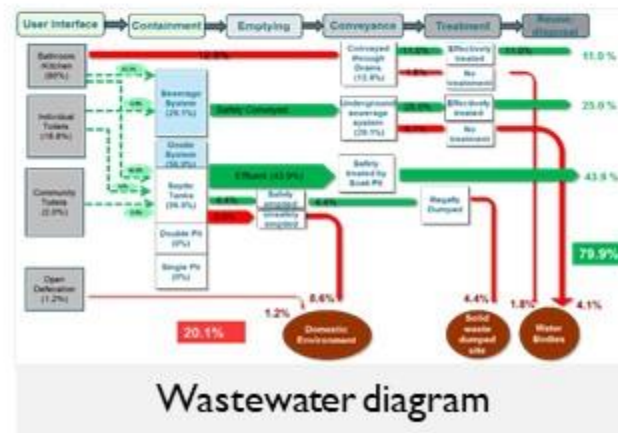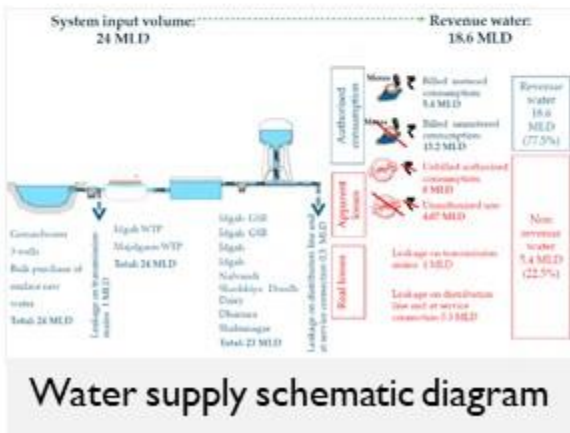
Water supply schematic diagram

Wastewater diagram

Interactive dashboards

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Tools for Performance Improvement

Performance Assessment Toolkit

Target setting model

Tariff setting model

SaniPlan

ODF city model

Water security planning toolkit

SaniTab SaniTrack

Private sector engagement toolkit

IFSM toolkit

Data users for varied purposes

Government agencies – National, State and City

City Level: By 900+ cities across 6 states to submit SLB information in compliance with 14th FC requirements to receive performance grants. To prepare service level improvement plans in more than 30 urban local bodies.

Gujarat: Guidelines for ODF, ODF+; Assess impact of capital investment on service level improvement in sewerage system; State of environment report, 2012.
Maharashtra: State level strategy for making cities ODF, ODF+; Septage management guidelines; Policy guidelines SWM.
Chhattisgarh: Impact assessment of SWM.

Multilateral Financial Institutions

For project identification and selection

Various financial institutions such as ADB have used this information for project identification, selection and formulation.

World Bank – WSP have worked with us on SLB Connect

Regulators

To assess regulatory compliance

CAG -Performance audit of delivery of three basic civic services for selected ULBs in various states.

Researchers, academicians and students

Many academicians and students of planning or technology colleges have used this information for research purpose. More than 20 research reports have been prepared using PAS information in CEPT University itself.

Consultants

Various consulting assignments related to preparation of Vision documents, City Development Plans, City Sanitation Plans. Indian Institute of Technology (IIT) Mumbai has used for city assessments

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The Road Ahead…..

2018: 900+ cities

Used by **6 states** in **India**
100 Million population

2019- 1000 Cities

Linked with Smart city mission,
Government of India
160 Million population

**And journey
continues…**

2022- 4500+ Cities

Will be linked with
India urban observatory platform,
Ministry of Housing and Urban
Affairs, Government of India
400+ Million population

Partners

Activities at Center for Water and Sanitation

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Performance Assessment System for urban services

City support from planning to implementation

Capacity building ODF cities On-site sanitation

Water management planning

Sanitation planning tools

Financing water and sanitation

Equity in urban services

Thank you

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About us
The Center for Water and Sanitation (C-WAS) at CEPT University carries out various activities – action research, training, advocacy to enable state and local governments to improve delivery of services.

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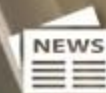**CEPT** UNIVERSITY

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