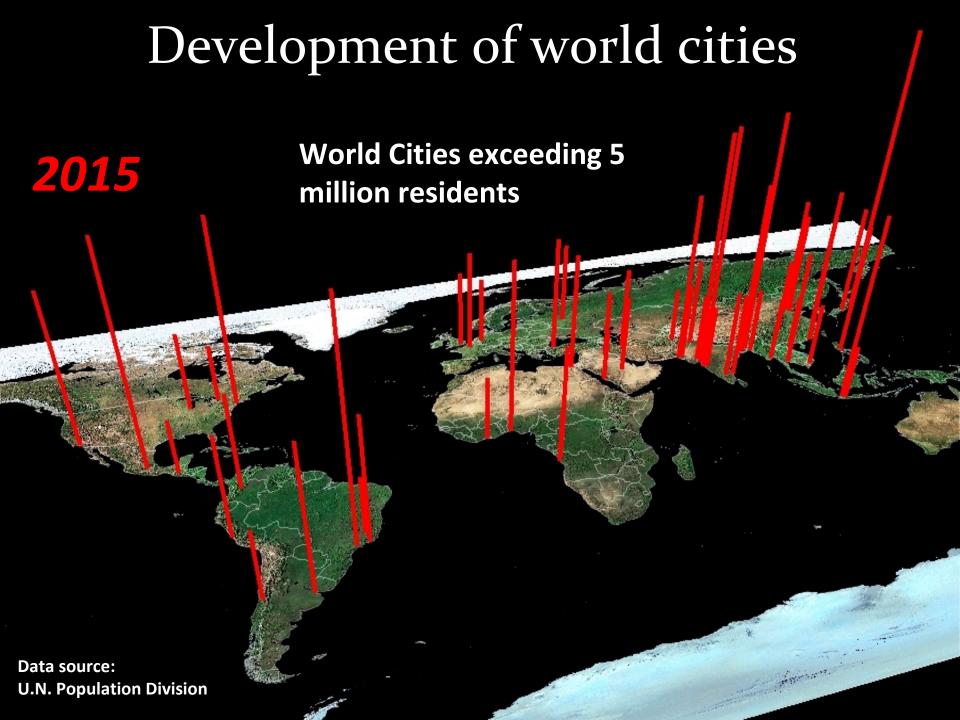


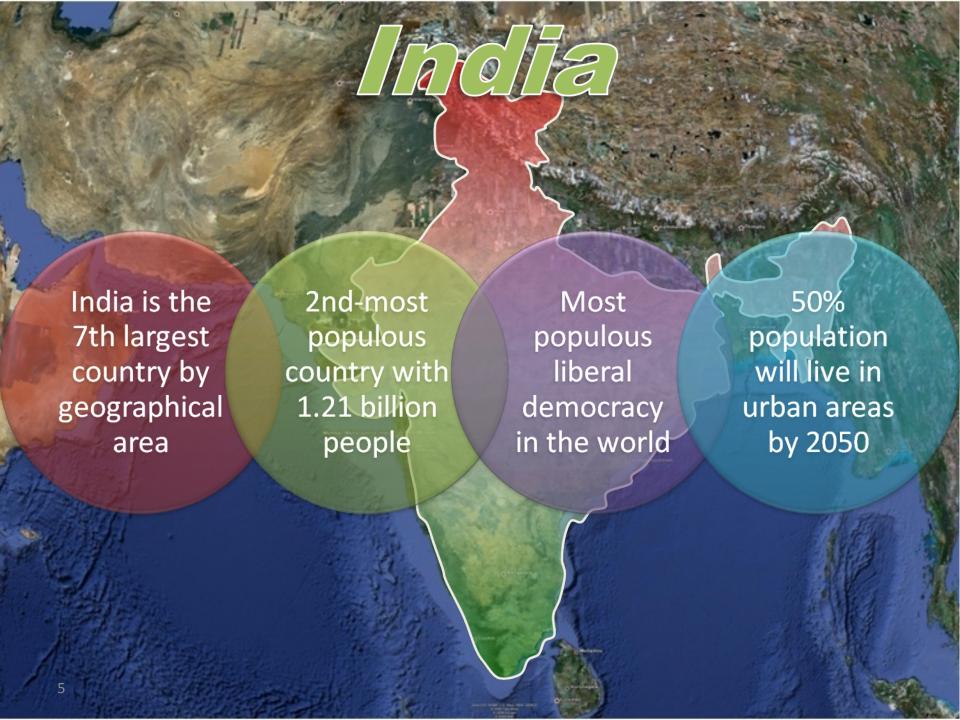
Development of world cities



Development of world cities







Water Sector in India



supply

Source: CMG, ASCI, Hydrabad

India- Low Level Equilibrium Trap

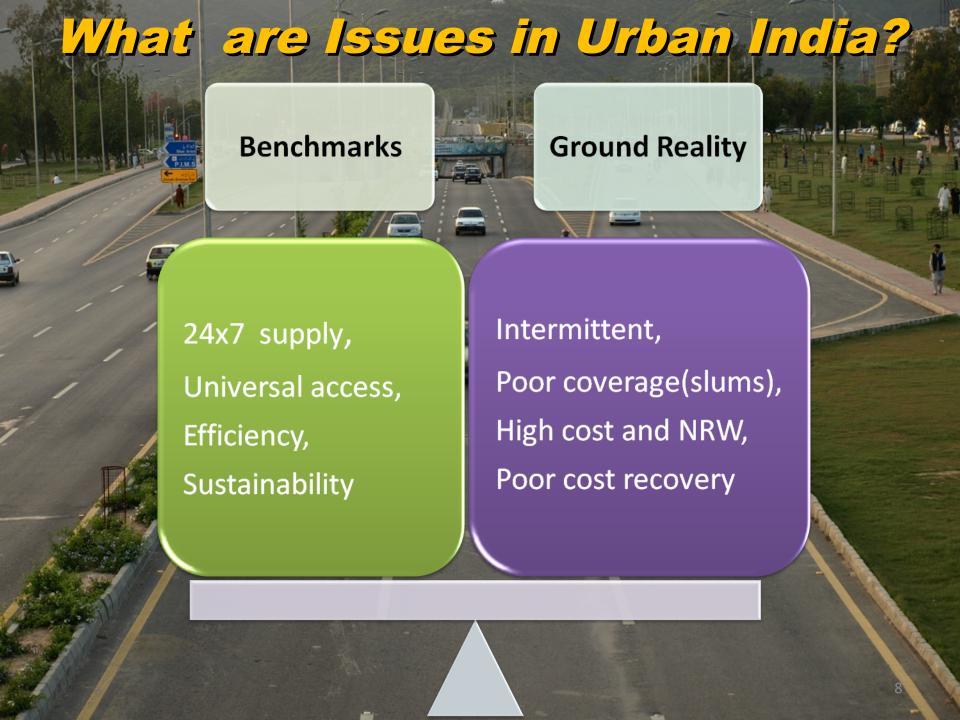
Low Level Investment

Low Tariff and Cost Recovery

Low Service level

Low Willingness to Pay

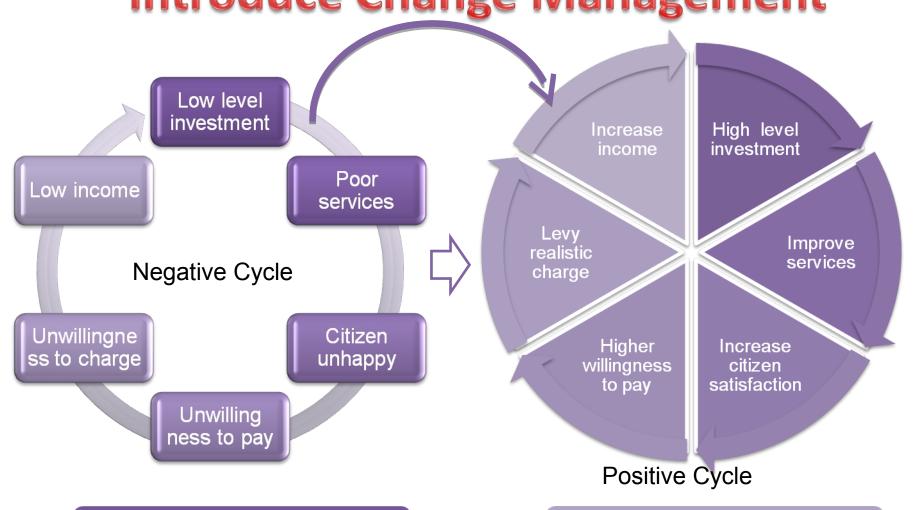
Source: CMG, ASCI, Hydrabad



We need Urban Reforms



What is the solution? Introduce Change Management



Unsustainable



Sustainable



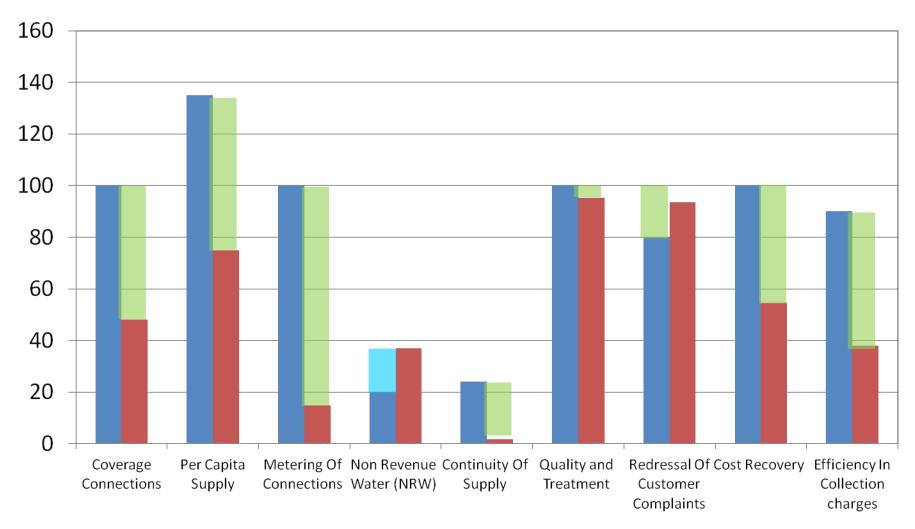
Sujal and Nirmal Abhiyan

Maharashtra-Golden Anniversary (2010–11)



What are Gaps?





Objectives of Reform Program

- House to House Survey
- Hyd. Model
- Bulk Meter
- Water + Energy Audit
- Pressure Management
- GIS Mapping
- PPP in O&M
- Computer Billing

Phase-I (2009-12)

Phase-II (2012-17)

- 24x7 in pilots
- Sustainable sources
- Metering 80%
- Collection efficiency (80%)
- Sewerage system
- MIS
- Tariff framing
- Solid waste M.
- ODF cities

- 24x7 System
- Metering 100%
- Collection efficiency (100%)
- Sewerage including STP

Phase-III (2017-25)

Reform Components

Improve
Efficiency and sustainable ULB

State Level
Committee
Approved
Reform Agenda

Consumer Survey

Water Audit

Energy Audit

Installation of Bulk Meters

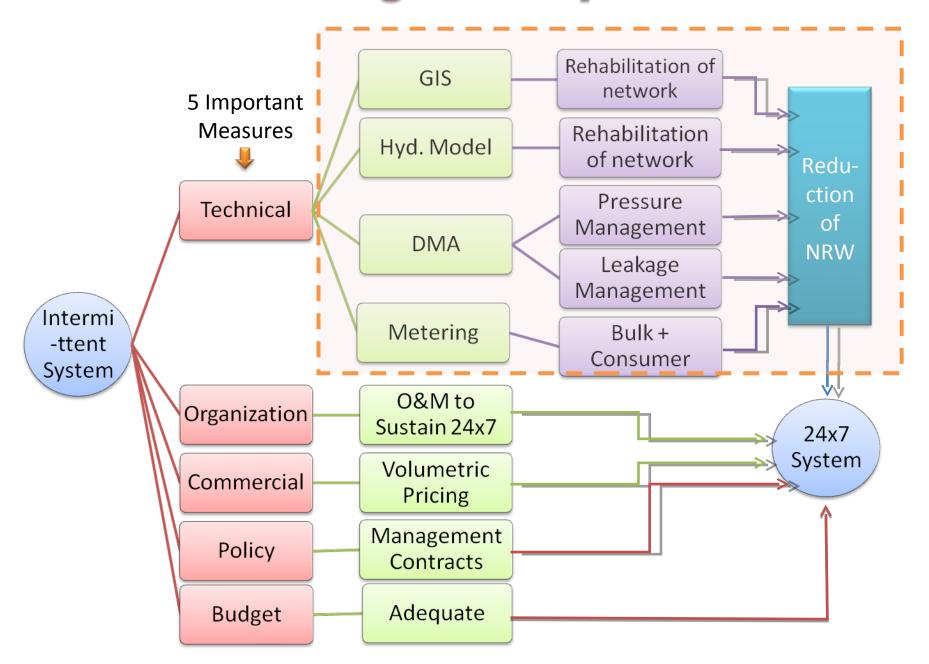
Hydraulic Modeling

Pressure Management

GIS Mapping

Computerized Billing

Strategies Adopted



Comprehensive Reform Implementation

Reform

What to implement?

Improve supply quality to urban poor



Substitute stand posts



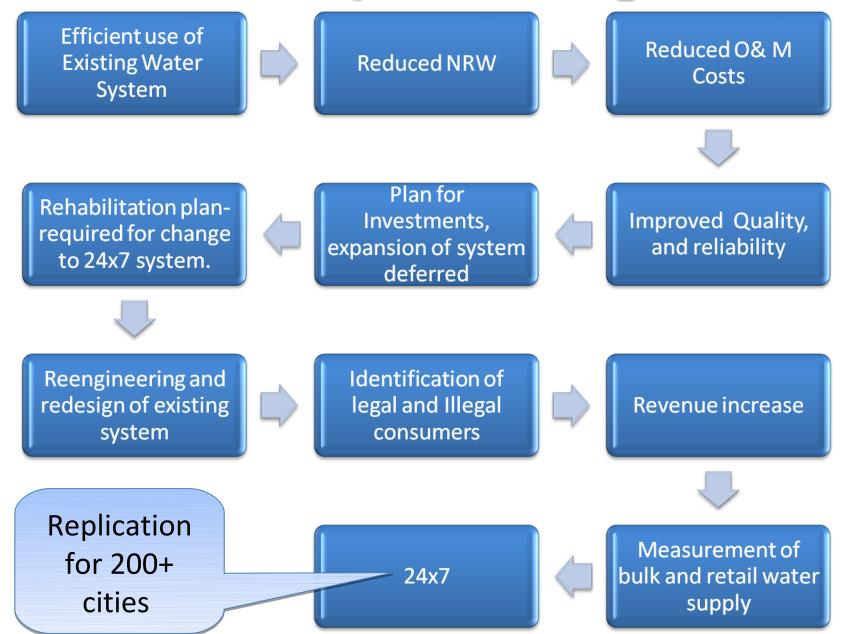
Connection on demand



Tariff – include life-line concept



Benefits of Implementing Reforms



Other reforms

- Mandatory recycling of municipal water
- Dedicated sources for municipal and industrial requirements

Maval firing kills 3

 The issue at the centre stage is diversion of water villagers being the victims whereas the urban populace is the beneficiary. "The villagers are being deprived of the water, only because the cities should get pure water, while we can make do with the polluted water." "The river will soon be parched. We won't have drinking water, leave alone for farming," says a villager from the Shivane village.