

# Overview of NURM water/wastewater projects

**Dr. Mahreen Matto**

*Water Programme, CSE*

**REGIONAL WORKSHOP**

**Energy and Resource Efficiency in Urban Water Management**

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**Puducherry**



# Target States

- Puducherry,
- Tamil Nadu,
- Andhra Pradesh,
- Karnataka,
- Kerala

# Thrust areas in water sector

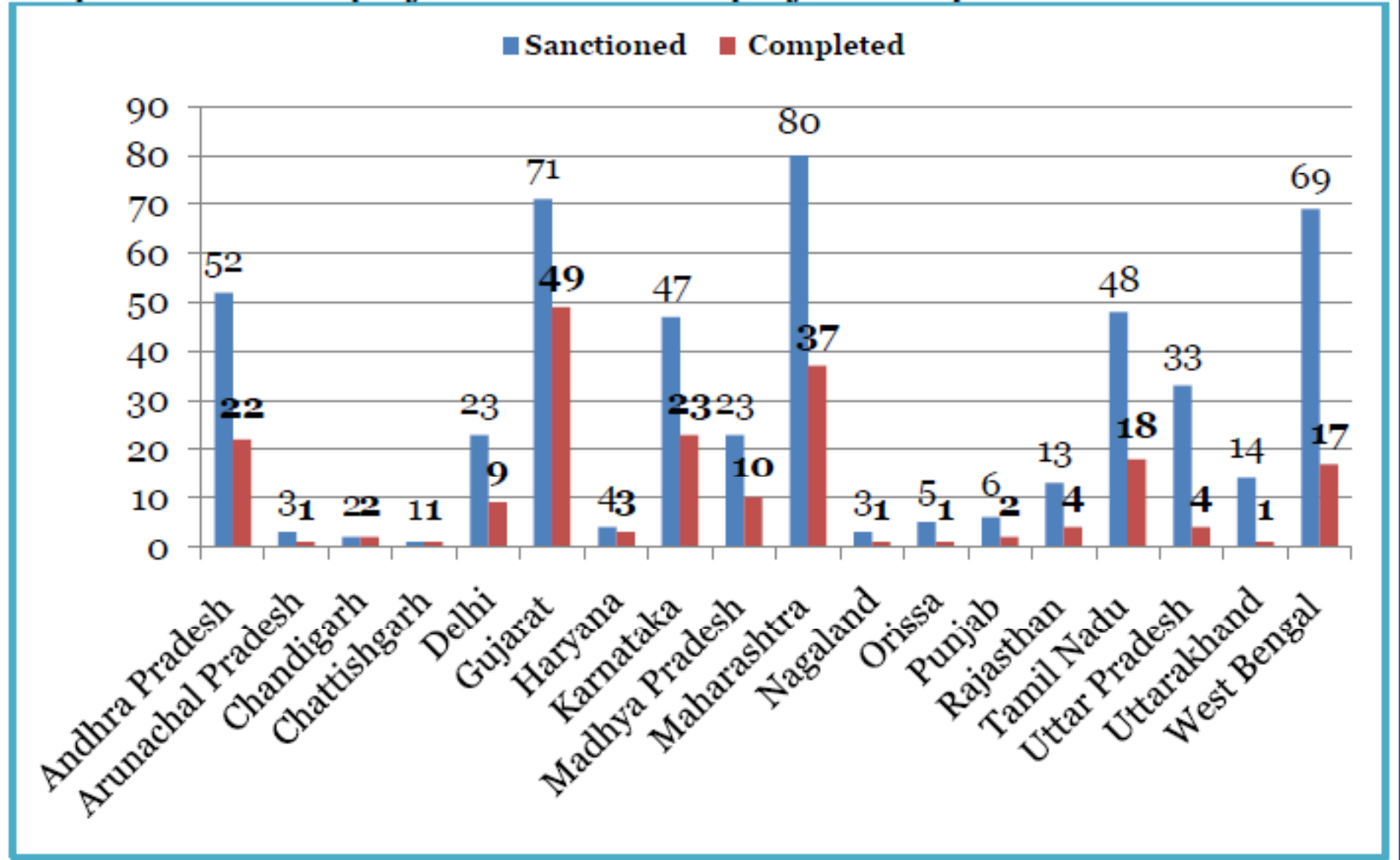
- Water supply including setting up of desalination plants.
- Sewerage and sanitation
- Constructions and improvement of drains including stormwater drainage systems
- Preservation of water bodies

### Sector-Wise details of sanctioned projects under UIG of JnNURM

Amount Rs In lakhs  
Data as on 15.07.2013

S.No.	Sector	No of Projects	Number of projects completed	Approved Cost	Total ACA Committed	Total ACA Released
1	Drainage / Storm Water Drains	76	24	854,466.52	350,261.66	256,232.28
2	Roads / Flyovers / RoB	100	58	816,222.16	336,900.50	228,390.89
3	Water Supply	163	61	2,092,633.19	1,025,687.41	738,898.92
4	Sewerage	116	30	1,524,161.18	729,435.32	457,914.80
5	Urban Renewal	11	4	48,655.28	20,354.10	9,765.35
6	Mass Rapid Transport System	21	5	521,105.73	237,309.71	180,576.28
7	Other Urban Transport	17	10	78,042.04	36,553.47	26,496.85
8	Solid Waste Management	46	12	204,801.26	107,133.49	68,375.55
9	Development of Heritage Areas	7	1	22,542.60	14,412.03	6,797.28
10	Preservation of water bodies	4	-	11,670.54	6,861.20	5,667.27
11	Parking lots and spaces on PPP basis	5	-	86,042.43	33,728.19	10,336.01
		566	205	6,260,342.93	2,898,637.07	1,989,451.48

**Graph 2: State wise projects sanctioned & projects completed**



## Total water sector completed projects

Total Sanctioned projects	Completed projects	Water sector project completed
550	205	115

56%

## State-wise water sector completed projects

States	Total Sanctioned projects	Total project completed	Water sector project completed
Andhra Pradesh	52	22	18
Karnataka	47	23	22
Kerala	2	0	0

80%

95%

- Thus states of Karnataka and Andhra Pradesh have been progressive in water/wastewater sector
- However shortcomings of Jnnurm phase 1 exist
- Most projects focused on hardware
- Largely most of the projects have failed to achieve service level bench mark of full cost recovery

**List of Completed Projects (data as on 25-07-2013)**

<b>Sl. No.</b>	<b>Name of the State</b>	<b>Name of the City</b>	<b>Project Title</b>	<b>Sector</b>	<b>Approved Cost</b>	<b>Year of Completion</b>
4	Andhra Pradesh	Hyderabad	DPR for laying pipeline from Saheb Nagar TBR to Prashasan Nagar	Water Supply	9,493.00	2007-08
5	Andhra Pradesh	Hyderabad	Diversion of Krishna Water to Secunderabad	Water Supply	8,120.00	2008-09
6	Andhra Pradesh	Hyderabad	Grid improvement works building additional storage facilities on South of Musi	Water Supply	3,355.00	2010-11
7	Andhra Pradesh	Hyderabad	Providing Flow, Level and Chlorine measurements and supervisory Control and Data Acquisition System (SCADA) for All Reservoirs and bulk supply pipe lines in the entire system of HMWSSB	Water Supply	990.00	2009-10
8	Andhra Pradesh	Hyderabad	Krishna Drinking Water Supply Project - Phase II	Water Supply	60,650.00	2007-08
9	Andhra Pradesh	Vijayawada	Providing Water Supply facilities in unserved areas	Water Supply	3,548.00	2010-11
10	Andhra Pradesh	Vijayawada	Providing sewerage system in Krishnalanka area of Vijayawada	Sewerage	743.00	2009-10
11	Andhra Pradesh	Vijayawada	Providing sewerage treatment plant at Singhnagar (UASBR) (Sector-8)	Sewerage	949.00	2010-11
12	Andhra Pradesh	Vijayawada	Providing sewage facilities in unserved areas of VMC covering Housing Board Colony, Gundala, Devinagar, Kedareswarapet etc.	Sewerage	1,985.00	2010-11



Sl. No.	Name of the State	Name of the City	Project Title	Sector	Approved Cost	Year of Completion
18	Andhra Pradesh	Vishakhapatnam	Providing sewerage system in Old city area of Vishakhapatnam	Sewerage	3,708.00	2009-10
19	Andhra Pradesh	Vishakhapatnam	Augmentation of Water Supply to Gajuvaka Area	Water Supply	3,976.00	2012-13
20	Andhra Pradesh	Vishakhapatnam	Providing water supply distribution system to Gajuwaka area of GVMC (Phase II)	Water Supply	4,600.00	2012-13
21	Andhra Pradesh	Vishakhapatnam	Providing water supply pipeline from TSR to Yendada and to Kommadi junction for augmenting water supply	Water Supply	2,340.00	2009-10
22	Andhra Pradesh	Tirupati	Underground Drainage scheme for Tirupati	Drainage / Storm Water Drains	1,613.00	2013-14

98	Karnataka	Bangalore	Augmentation of Additional 100 MLD of water from CWSS stage IV Phase I	Water Supply	1,226.00	2007-08
99	Karnataka	Bangalore	Bulk flow metering system for Bangalore sewer transmission network	Water Supply	1,370.00	2009-10