

GOVERNMENT OF INDIA
MINISTRY OF JAL SHAKTI,
DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION
LOK SABHA

UNSTARRED QUESTION NO. 3045

ANSWERED ON 04.08.2022

WATER MANAGEMENT

3045 SHRI DAYANIDHI MARAN

Will the Minister of JAL SHAKTI be pleased to state:

- (a) the details of various projects proposed and underway for water management in Chennai;
- (b) the details of the list of all new facilities created since 2014 across the major cities of the country along with the status and the cost of these projects, State-wise;
- (c) the funds allocated for construction and maintenance of water storage facilities across the country, State-wise;
- (d) the details of funds, expert support and/or consultations held to enhance water security in major cities like Chennai;
- (e) whether any projects are being integrated under the Smart Cities Mission and if so, the details thereof; and
- (f) whether the Ministry has any proposal to support or promote water recycling for the non-drinking water needs of industries and if so, the details thereof?

ANSWER

THE MINISTER OF STATE FOR JAL SHAKTI

(SHRI BISHWESWAR TUDU)

(a) Water resources projects are planned, funded, executed and maintained by the State Governments themselves as per their own resources and priorities. Role of Government of India is limited to being catalytic, providing technical support and, in some cases partial financial assistance in terms with the existing schemes being implemented by the Ministry of Jal Shakti. All projects supported by Government of India in the water resources sector aims to improve water security in the states.

Ministry of Housing and Urban Affairs (MoH&UA) is implementing Atal Mission for Rejuvenation and Urban Transformation (AMRUT) which was launched on 25th June, 2015 in 500 cities across the country covering 60% of the urban population. Under AMRUT, Government of Tamil Nadu has taken up 8 projects worth of Rs. 3204.30 crore for water management in Chennai. AMRUT 2.0 was launched on October, 2021, Government of Tamil Nadu taken up 14 projects worth of Rs. 1440.81 crore for water management under State Water Action Plan (SWAP)-1. Among this, one project worth of Rs. 44 crore in water sector, 8 projects worth of Rs. 44 crore in sewerage sector and 5 projects worth of Rs. 10 crore are rejuvenation of water bodies.

(b) & (c) Under AMRUT, 1,337 projects in water supply sector have been grounded of worth Rs. 42,695 crore. Out of this, 876 projects worth of Rs. 15,497 crore have been completed. In the sewerage and septage management sector, contracts for 860 projects worth of Rs. 34,054 crore have been awarded. In addition, drainage sector 799 projects worth of Rs.2,972 crore, urban transport 347 projects worth of Rs. 1,022 crore and parks 2,515 projects worth of Rs. 1,581 crore grounded. Of this, 458 projects worth of Rs. 10,572 crore have been completed. Through these projects & in convergence with other schemes, so far 130 lakh tap connections & 99 lakh sewer connections provided, 2,351 MLD water treatment capacity & 2,742 MLD sewage treatment capacity have been developed, 900 MLD capacity developed for recycle of treated used water, 2,350 nos. water-logging points eliminated through laying of around 900 km drainage network, 700 km walkway & 2,250 parks (4,430 acre green space) developed. Construction and maintenance of water storage facilities is one of the sub-component of projects in water supply sector. Under AMRUT, funds are not allocated and released project-wise or component-wise, but to the State/UT as per the Mission guidelines. State-wise status of funds under AMRUT is given at **Annexure-I**.

(d) Jal Shakti Abhiyan-I (JSA-I) was conducted in 2019 in 1592 blocks out of 2836 blocks in 256 water stressed districts of the country and was expanded as “Jal Shakti Abhiyan: Catch the Rain” (JSA:CTR) in 2021 with the theme “Catch the Rain – Where it Falls When it Falls” to cover all the blocks of all districts (rural as well as urban areas) across the country. “Jal Shakti Abhiyan: Catch the Rain” (JSA:CTR) -2022 campaign, the third in the series of JSAs, has been launched on 29.3.2022 to cover all the blocks of all districts (rural as well as urban areas) across the country. State-wise progress of works completed/ongoing under JSA:CTR from 22.3.2021 to 28.03.2022 and under JSA:CTR-2022 from 29.03.2022 to 25.07.2022 is available at JSA:CTR Portal: jsactr.mowr.gov.in.

In addition, AMRUT empowers States to design, prioritize, approve, and implement the projects in respective Urban Local Bodies (ULBs). The role of Central Government is only to approve State Annual Action Plans (SAAPs) submitted by States and release central share as per the conditions of mission guidelines. Under AMRUT, MoH&UA approved projects worth around Rs.77,640 crore which are mainly to enhance water security in Mission cities. In addition, to hire technical expertise at State and city level, states are also provided Administration & Other Expenses (A&OE) funds including State of Tamil Nadu. So far, Rs.31,158 crore have been released for projects and Rs. 1,138.67 crore have been release for A&OE. For the State of Tamil Nadu, so far, Rs.3,797 crore have been released for projects and Rs. 66.83 crore have been release for A&OE expenses.

(e) Government of India launched the Smart Cities Mission (SCM) on 25th June 2015. 100 Smart Cities have been selected through 4 rounds of competition from January 2016 to June 2018. The objective of the Smart Cities Mission (SCM) is to promote cities that provide core infrastructure and give a decent quality of life to its citizens, a clean and sustainable environment and application of ‘Smart’ Solutions.

As on 8th July, 2022, Government of India has released Rs. 30,751.41 crore for 100 Smart Cities, out of which ₹ 27,610.34 crore (90%) has been utilized. As on 8th July 2022, these Smart Cities have tendered out 7,822

projects worth Rs. 1,90,660 crore; work orders have been issued in 7,649 projects worth Rs. 1,80,996 crore; 4,085 projects worth Rs. 66,912 crore have been completed.

In the WASH (Water, Sanitation & Hygiene) sector, 731 projects worth Rs. 25,973 crore have been completed and 614 projects worth Rs. 27,625 crore are in progress. 48 Smart Cities have reported water management projects under Convergence with AMRUT. Few Smart Cities including Surat, Gandhinagar, Ranchi, Indore, Sagar, Bilaspur have taken up water recycling projects. As on 8th July, 2022, Chennai Smart City has undertaken 7 water management projects worth around Rs. 140 crore under SCM is given below,

S. N	Project Name	Total project Cost (In Rs. crore)	SCM Cost (In Rs. crore)	Convergence with other missions	Milestone
1	Smart Water Digital solutions for citizen services	13.61	13.61	0	Work Completed
2	Meter for Filling post control	16.73	16.73	0	Work Completed
3	24x7 source augmentation of Water Supply project	57.82	57.82	0	Work Order Issued
4	Restoration of Villivakam Tank	38.14	38.14	0	Work Order Issued
5	Restoration of Water Bodies - Phase 1	6.71	6.71	0	Work Completed
6	Rejuvenation of 10 Water Bodies	4.45	4.45	0	Work Completed
7	Restoration 15 temple tanks	2.28	2.28	0	Work Completed
		139.74	139.74	0	

(f) National Mission for Clean Ganga (NMCG) has undertaken several initiatives in collaboration with Central Ministries, State Governments and various stakeholders to promote reuse of treated wastewater in industries and irrigation purposes. For promotion of Circular Water Economy, all States/ UTs to develop a framework for reuse of treated water in a time bound manner for decreasing the burden on fresh water. Reuse of treated used water, tertiary treatment with end-to-end reuse plan (preferably in PPP mode), provision/augmentation and rehabilitation of sewerage systems with end-to-end treatment and reuse, identifying the bulk users of recycled used water and facilitating sale of used water to potential users etc. are admissible elements under AMRUT 2.0. Reuse of Treated Wastewater Policy has already been framed by few States such as Haryana, Gujarat, Tamil Nadu and West Bengal.

ANNEXURE REFERRED TO IN REPLY TO PART (b) TO (c) OF UNSTARRED QUESTION NO. 3045 TO BE ANSWERED IN LOK SABHA ON 04.08.2022 REGARDING “WATER MANAGEMENT”

State-wise status of funds under AMRUT

(In Rs. Crore)

#	Name of State / UT	Approved SAAP S	Committed CA	Funds released		
				CA Released (Projects)	Other heads	Total CA release
1	Andaman & Nicobar	10.82	10.82	10.81	0.22	11.03
2	Andhra Pradesh	2,890.17	1,056.62	866.38	198.39	1064.77
3	Arunachal Pradesh	140.25	126.22	99.32	72.11	171.43
4	Assam	657.14	591.42	252.87	88.71	341.57
5	Bihar	2,469.77	1,164.80	1,055.86	75.52	1131.38
6	Chandigarh	95.07	54.09	53.26	2.37	55.63
7	Chhattisgarh	2,192.76	1,009.74	969.12	191.85	1160.97
8	Dadra & Nagar Havel	10.82	10.82	10.59	0.11	10.70
9	Daman & Diu	18.03	18.03	3.60	0.34	3.94
10	Delhi	802.31	802.31	518.20	191.20	709.40
11	Goa	209.18	104.58	20.91	6.77	27.68
12	Gujarat	4,884.42	2,069.96	1,666.97	343.92	2010.88
13	Haryana	2,565.74	764.51	736.96	67.22	804.19
14	Himachal Pradesh	304.52	274.07	269.05	213.69	482.74
15	Jammu & Kashmir	593.05	533.72	477.74	160.77	638.51
16	Ladakh			37.40	0.47	37.87
17	Jharkhand	1,245.74	566.17	551.69	64.66	616.35
18	Karnataka	4,952.87	2,318.79	2,258.84	379.42	2638.26
19	Kerala	2,359.38	1,161.20	945.85	128.22	1074.07
20	Lakshadweep	3.61	3.61	2.24	0.02	2.26
21	Madhya Pradesh	6,200.67	2,592.86	2,497.05	742.46	3239.51
22	Maharashtra	7,759.32	3,534.08	3,106.23	873.76	3979.99
23	Manipur	180.31	162.28	162.27	68.83	231.10
24	Meghalaya	80.14	72.12	31.60	66.92	98.52
25	Mizoram	140.25	126.22	119.71	10.30	130.01
26	Nagaland	120.22	108.19	77.18	15.42	92.60
27	Odisha	1,598.96	796.97	785.23	126.53	911.76
28	Puducherry	64.91	64.91	44.09	27.95	72.04
29	Punjab	2,766.62	1,204.47	825.57	292.76	1118.33
30	Rajasthan	3,223.94	1,541.95	1,457.96	404.50	1862.46
31	Sikkim	40.06	36.06	31.05	5.00	36.05
32	Tamil Nadu	11,194.78	4,756.58	3,797.29	490.49	4287.78
33	Telangana	1,666.26	832.6	831.52	192.99	1024.51
34	Tripura	148.25	133.43	132.47	15.90	148.38
35	Uttar Pradesh	11,421.67	4,922.46	3,853.61	501.72	4355.33
36	Uttarakhand	593.02	533.72	531.91	39.64	571.55
37	West Bengal	4,035.00	1,929.32	1,470.78	261.18	1731.96
	Total	77,640.03	35,989.70	30,563.21	6,322.31	36,885.53
