

O.I.H

GOVERNMENT OF INDIA
MINISTRY OF URBAN DEVELOPMENT

LOK SABHA

UNSTARRED QUESTION NO. 654
TO BE ANSWERED ON DECEMBER 02, 2015

WASTE MANAGEMENT

No. 654 SHRI KAUSHAL KISHORE:
 SHRI KESINENI NANI:
 SHRI MUTHAMSETTI SRINIVASA RAO (AVANTHI):
 SHRI NAGENDRA KUMAR PRADHAN:
 SHRI RAVNEET SINGH:
 SHRI SADASHIV LOKHANDE:
 SHRI BHAIRAON PRASAD MISHRA:
 SHRI SUMEDHANAND SARSWATI:
 SHRI SHIVKUMAR UDASI:
 SHRIMATI SANTOSH AHLAWAT:

Will the Minister of URBAN DEVELOPMENT be pleased to state:

- (a) whether management of sewerage, solid waste and garbage are becoming the major issues of concern in urban areas in the country and if so, the details thereof and the reasons therefor;
- (b) whether the Government has prescribed any mechanism to States for collection, transportation, processing, treatment and disposal of solid waste, garbage and sewerage in a scientific and hygienic manner;
- (c) if so, the details thereof and the reaction of the States thereto and if not, the reasons therefor along with the manner in which Government proposes to handle these issues;
- (d) the details of requests for financial or otherwise received by the Government from various States during the last three years and current year for handling the above issues, State-wise;
- (e) the details of assistance financial or otherwise provided during the above period, city, year and State-wise; and
- (f) whether the Government proposes to adapt the Japanese model of burning solid waste without environmental consequences and if so, the details thereof?

Contd....2/-

ANSWER

THE MINISTER OF STATE IN THE MINISTRY OF URBAN DEVELOPMENT
(SHRI BABUL SUPRIYO)

(a): Yes, Madam.

Due to rapid urbanization in India, the need to develop infrastructure facilities for sewerage, solid waste and garbage management in urban areas are becoming major challenge to the States/ULBs.

(b) & (c): Government of India has launched "Swachh Bharat Mission" (SBM) on 2nd October, 2014, "Atal Mission for Rejuvenation and Urban Transformation (AMRUT)" and "Smart City Mission" on 25th June, 2015. The SBM provides to make the country clean by 2nd October, 2019 from the point of view of Solid Waste Management whereas the other Missions require the State Government to set up new sewage treatment plants as per their requirement. In addition, Ministry of Urban Development supplements the efforts of State Governments/Urban Local Bodies (ULBs) for efficient sewage, waste and garbage management by issuing guidelines/advisories/Manuals from time to time.

(d) & (e): The request from states including North East (NE) region for financial assistance for handling the above issues have been received during the last three years and current year. The details thereof (State-wise and Cities) are Annexure – I & II respectively.

(f): State Governments may adopt any feasible waste processing technology including waste to energy for the efficient management of solid waste under SMB. However, suitable pollution preventive measures may be adopted by the implementing agency while designing the processing plants, with due statutory clearances from the respective State Pollution Control Boards/Pollution Control Committees.

ANNEXURE – I REFERRED TO IN REPLY TO LOK SABHA UNSTARRED QUESTION NO. 654 FOR 02.12.2015 REGARDING “WASTE MANAGEMENT”.

(a) 10% Lumpsum scheme for NE States

(Fund released for solid waste management projects during the last three and current years)

(Rs. in Lakh)

Name of the State	Name of the project	Estimated cost of project	2012-13	2013-14	2014-15	2015-16 (as on 26.11.2015)
Arunachal Pradesh	Solid Waste Management at Daporijo township	597.68	-	-	161.37	-

(b) Urban Infrastructure Development in satellite towns around seven mega cities (UIDSST)

(Fund released for solid waste management projects during the last three and current years)

(Rs. in Lakh)

Name of the State	Name of the project	Estimated cost of Project	2012-13	2013-14	2014-15	2015-16 (as on 16.07.15)
Gujarat	Solid waste management scheme for Sanand Nagarpalika Gujarat	213.62	-	43.72	21.00	4.21
Haryana	Municipal solid waste management scheme for Sonapat town	2496.00	-	-	-	-
UP	Municipal solid waste management scheme for Pilkhuwa town	897.70	-	-	179.54	-
Tamil Nadu	Integrated solid waste management project for Sriperumbudur	443.77	-	88.75	88.75	88.75
Maharashtra	Integrated solid waste management project for Vasai-virar	3172.64	634.53	-	-	-
	Total	7223.73	634.53	132.47	289.29	92.96

**(c) Funds released to States for Swachh Bharat Mission Components during year
2014-15 and 2015-16**

Sl. No.	State/UT	IHHL	CT	SWM	IEC	CB	Total (Rs in crore)
1	A&N Islands	0.0230	0.0321	0.0648	0.0144	0.0036	0.1379
2	Andhra Pradesh	41.8900	1.8700	21.0200	4.1700	1.0500	70.0000
3	Arunachal Pradesh	2.4504	0.0600	6.8400	0.9800	0.2400	10.5704
4	Assam	0.2000	0.0000	0.0000	0.0200	0.0100	0.2300
5	Bihar	6.0000	2.1400	24.6600	3.9400	0.9800	37.7200
6	Chandigarh	0.3700	0.1300	0.9800	0.1800	0.0400	1.7000
7	Chhattisgarh	17.0300	9.7500	0.0000	3.2100	0.8000	30.7900
8	Delhi	21.4449	0.2600	33.2952	8.1456	0.2100	63.3557
9	Goa	1.6040	0.1000	1.7000	0.3300	0.0800	3.8140
10	Gujarat	81.2840	0.0000	0.0000	4.2700	1.0700	86.6240
11	Haryana	13.4200	0.6800	12.5700	1.8700	0.4700	29.0100
12	Himachal Pradesh	2.5100	0.5100	3.0000	0.7200	0.1800	6.9200
13	Jammu & Kashmir	1.8000	0.1300	10.9000	1.5400	0.3800	14.7500
14	Jharkhand	3.7300	0.2200	9.3300	1.5900	0.4000	15.2700
15	Karnataka	84.8900	15.5400	0.0000	8.3500	2.0900	110.8700
16	Kerala	16.6800	0.0000	0.0000	2.0000	0.5000	19.1800
17	Madhya Pradesh	18.8600	3.3600	52.9300	9.0200	2.2500	86.4200
18	Maharashtra	128.6500	33.3400	0.0000	14.0900	3.5200	179.6000
19	Manipur	0.1400	0.0000	9.6100	1.1700	0.2900	11.2100
20	Meghalaya	0.5000	0.0400	2.9800	0.4200	0.1100	4.0500
21	Mizoram	0.2200	0.0800	8.2100	1.0200	0.2600	9.7900
22	Nagaland	1.8600	0.6100	6.6800	1.1000	0.2700	10.5200
23	Odisha	11.9100	0.6500	0.0000	0.1600	0.0400	12.7600
24	Puducherry	0.6900	0.0130	1.0000	0.2000	0.0500	1.9530
25	Punjab	13.0000	0.0000	23.0000	4.3200	1.0800	41.4000
26	Rajasthan	42.7400	0.1300	33.6500	6.3400	1.5800	84.4400
27	Sikkim	0.1600	0.0050	2.5200	0.3200	0.0800	3.0850
28	Tamil Nadu	1.5800	4.9100	96.5200	12.3600	3.0900	118.4600
29	Telangana	37.7600	1.3400	15.2200	3.0200	0.7600	58.1000
30	Uttar Pradesh	110.4192	9.0900	37.5600	8.9900	2.2400	168.2992
31	Uttarakhand	0.2500	0.2600	5.0000	0.6600	0.1700	6.3400
32	West Bengal	18.0500	3.0700	34.5400	6.6800	1.6700	64.0100
		682.1155	88.3201	453.7800	111.2000	25.9636	1,361.3792

Note: IHHL- Individual Household Latrines, CT- Community Toilets, PT- Public Toilets, SWM- Solid Waste Management, IEC- Information, Education & Communication, CB- Capacity Building

(d) Details of Sewerage & Solid Waste Management Projects sanctioned under Urban Infrastructure Governance (UIG) submission of JNNURM during last three years and current Financial Year

(Rs. in lakhs)							
Sl.	Name of the State	Name of the City	Project Title	Sector	Approved Cost	Total ACA Commitment (Central Share)	As per MoF Release Order - ACA Released till date
1	Gujarat	Ahmedabad	Automation (SCADA based) of the sewerage system	Sewerage	2773.69	970.80	242.70
2	Gujarat	Ahmedabad	Water recycling and reuse project for Ahmedabad City – Providing 60 MLD tertiary treatment plant for Narol Industries	Sewerage	9637.67	3,373.20	843.30
3	Gujarat	Rajkot	Strengthening of Solid Waste Management of Rajkot	Solid Waste Management	4172.54	2,086.27	521.57
4	Gujarat	Surat	Augmentation of Karanj sewerage treatment plant under east drainage zone of Surat	Sewerage	5723	2,861.50	715.38
5	Jammu & Kashmir	Srinagar	Solid Waste Management	Solid Waste Management	9197.29	8,277.56	2,069.40
6	Jharkhand	Ranchi	Sewerage and Storm Water Drainage System for Zone - I	Sewerage	30225.9	24,180.73	6,045.18
7	Madhya Pradesh	Ujjain	Solid Waste Management in Ujjain Municipal Corporation	Solid Waste Management	3588.88	2,871.10	717.78
8	Maharashtra	Nanded	Sewerage Collection System in CIDCO, HUDCO area south Nanded	Sewerage	3126.94	2,501.55	625.39

9	Maharashtra	Nanded	Sewerage scheme for additional municipal corporation in Nanded	Sewerage	7642.96	6,114.37	1,528.59
10	Maharashtra	Pune	Providing Sewerage System for Newly Developed Area of PCMC	Sewerage	4149.72	2,074.86	518.71
11	Punjab	Amritsar	Providing Sewerage network and sewerage treatment plant for South East Zone	Sewerage	8927	4,463.50	1,116.00
12	Punjab	Ludhiana	Integrated Solid Waste Management facilities at Ludhiana	Solid Waste Management	9785	4,892.50	1,223.13
13	Tamil Nadu	Chennai	Providing Underground sewerage scheme for Annai Sivagami Nagar in Thiruvottiyur in Chennai city	Sewerage	759.56	265.85	66.46
14	Tamil Nadu	Chennai	Providing Underground sewerage scheme in Surapattu	Sewerage	3299.88	1,154.96	288.74
15	Tamil Nadu	Chennai	Providing Underground sewerage scheme in Muglivakam	Sewerage	4630.68	1,620.74	405.18
16	Tamil Nadu	Chennai	Providing Underground sewerage scheme in Nolambur	Sewerage	2456.6	859.81	214.95

(e) Details of Sewerage & solid Waste Management Projects sanctioned under Urban Infrastructure Development Scheme for Small and Medium Towns (UIDSSMT) of JNNURM during last three and current Financial Year.

(Rs. in lakh)

SL. No.	Name of State	Name of towns/cities	Name of Project	Approved Cost sanctioned by SLSC	Central Share	ACA Release d so far
1	Arunachal Pradesh	Basar	Solid Waste Management	719.85	647.87	323.93
2	Arunachal Pradesh	Bomdila	Solid Waste Management	799.84	719.86	359.93
3	Himanchal Pradesh	Nalagarh	Sewerage	1,636.50	1,309.20	654.60
4	Himanchal Pradesh	Baddi	Sewerage	3,334.34	2,667.47	1,333.74
5	Jammu & Kashmir	leh	Solid Waste Management	1,094.27	984.84	492.42
6	Jammu & Kashmir	leh	Sewerage	5,939.00	5345.10	2,672.55
7	Karnataka	Curumitkal	Sewerage	1,842.75	1474.2	737.10
8	Karnataka	Birur	Sewerage	2,131.82	1705.456	852.73
9	Karnataka	Sadalga	Sewerage	2,406.05	1924.84	962.42
10	Karnataka	Kundapura	Sewerage	4,736.79	3789.432	1,894.72
11	Karnataka	Muddebihal	Sewerage	3,781.86	3025.488	1,512.74
12	Kerala	Malappuram	Solid Waste Management	1,466.66	1173.328	586.67
13	Maharashtra	Shirampur	Sewerage	4,936.29	3949.03	1,974.52
14	Maharashtra	Malkapur (Karad)	Sewerage	4,091.47	3273.18	1,636.59
15	Maharashtra	Baramati	Sewerage	2,504.33	2003.46	1,001.73
16	Maharashtra	Kalmeshwar	Sewerage	2,076.74	1661.39	830.69
17	Maharashtra	Gondia	Sewerage	12571.77	10057.42	5,028.71
18	Maharashtra	Aurangabad	Sewerage	36568.89	29255.11	14,627.56
19	Maharashtra	Katol	Sewerage	4261.00	3408.80	1,704.40
20	Maharashtra	Ichalakaranji	Sewerage	8260.20	6608.16	3,304.10
21	Madhya Pradesh	Amarwara	Solid Waste Management	128.80	103.04	51.52

22	Madhya Pradesh	Dewas	Sewerage	14,062.53	11,250.02	5,625.01
23	Madhya Pradesh	Porsa	Solid Waste Management	236.47	189.18	94.59
24	Madhya Pradesh	Shivpuri	Solid Waste Management	649.76	519.81	259.91
25	Rajasthan	Chirawa Phase-i	Sewerage	6,314.32	5051.46	2,525.73
26	Rajasthan	Laxmangarh	Sewerage	6,963.55	5570.84	2,785.42
27	Rajasthan	Nawalgarh Phase-I	Sewerage	8,211.28	6569.02	3,284.51
28	Rajasthan	Suratgarh Phase-I	Sewerage	7,547.64	6038.11	3,019.06
29	Rajasthan	Nimbaheda	Sewerage	7,773.21	6218.57	3,109.28
30	Rajasthan	Jaitaran	Sewerage	3,471.06	2776.85	1,388.42
31	Rajasthan	Bhadra phase-I	Sewerage	8,932.70	7146.16	3,573.08
32	Rajasthan	Badi Sadri	Sewerage	2151.23	1720.98	860.49
33	Rajasthan	Ramgarh Sekhawati	Sewerage	4489.24	3591.39	1,795.70
34	Rajasthan	Fatehnagar-Sanawar-I	Sewerage	3674.93	2939.94	1,469.97
35	Rajasthan	Kushalgarh	Sewerage	4153.56	3322.85	1,661.42
36	Tamil Nadu	Mettur	Sewerage	5,651.66	4521.328	2,260.67
37	Tamil Nadu	Thirupathur	Sewerage	7,682.91	6146.328	3,073.17
38	Tamil Nadu	Arakkonam	Sewerage	7,745.16	6196.128	3,098.07
39	Tamil Nadu	Jolarpet	Sewerage	3,399.48	2719.584	1,359.79
40	Tamil Nadu	Chidambaram	Sewerage	5,738.37	4590.696	2,295.35
41	Tamil Nadu	Sattur	Sewerage	2,957.53	2366.024	1,183.01
42	Tamil Nadu	Periakulam	Sewerage	1,712.92	1370.336	685.17
43	Uttrakahand	Haldwani	Solid Waste Management	3,488.00	2790.4	1,395.20

(a) Details of setting up of waste management/treatment facilities under North Eastern Region Urban Development Programme (NERUDP).

Sl. No.	City (State)	Sanctioned in 2012-13	Sanctioned in 2015-16
1	Kohima (Nagaland)	NIL	Solid Waste Management and Septage Management
2	Aizwal (Mizoram)	Sewerage	Solid Waste Management and Septage Management
3	Shillong (Meghalaya)	Solid Waste Management	Solid Waste Management
4	Gangtok (Sikkim)	Solid Waste Management	Solid Waste Management

The projects sanctioned in 2012-13 are under implementation and are scheduled for completion by 2018. Projects sanctioned in 2015-16 are scheduled to commence in 2016 and completed by 2018-19.

(b) Funds released (Rs. in Crore) to States during last three and current years for aforesaid projects.

State	Funds released (Rs. in Crore)			
	2012-13	2013-14	2014-15	2015-16 (upto Nov. 2015)
Nagaland	5.56	4.21	8.14	2.22
Mizoram	0	13.85	0	1.15
Meghalaya	0.30	0.98	2.09	0.30
Sikkim	0	0	7.74	1.58
Total	5.86	19.04	17.97	5.25