

O.I.H.

GOVERNMENT OF INDIA  
MINISTRY OF HOUSING AND URBAN AFFAIRS

LOK SABHA

UNSTARRED QUESTION NO. 1697

TO BE ANSWERED ON JULY 26, 2017

WASTE MANAGEMENT UNDER SBM

No. 1697            SHRI SHIVKUMAR UDASI:

Will the Minister of HOUSING AND URBAN AFFAIRS be pleased to state:

(a) the details of waste management in cities and towns of the country under Swachh Bharat Mission (SBM);

(b) the details of the practices, innovations and technologies in waste management; and

(c) whether the Government proposes to generate electricity, compost and chemical fertilizers from municipal solid waste and biodegradable waste and if so, the details thereof ?

ANSWER

THE MINISTER OF STATE IN THE MINISTRY OF HOUSING AND URBAN AFFAIRS

(RAO INDERJIT SINGH)

(a): The details of waste management in cities and towns of the country under Swachh Bharat Mission (SBM) is placed at Annexure-I.

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(b): Population based technological options to manage Municipal Solid Waste (MSW) in a variety of Towns and Cities is given in the "Task Report of the Task Force on Waste to Energy" published by Planning Commission (NITI Aayog). Waste management technologies including Waste-to-Compost technologies, like Conventional Composting, Vermi-composting, window composting, stack composting etc and Waste-to Energy technologies like Pyrolysis, Refuse Derived Fuel (RDF), Biomethanation, Gasification, Ultra High Temperature Hydrolysis, grate combustion etc. are being used in the Country.

(c): Yes Madam. Energy is being produced using Waste-to-Energy (WtE) plants and compost is being produced by Waste-to-Compost (WtC) plants in various Cities / towns across the Country. However, chemical fertilizers are not produced from the Municipal Solid Waste (MSW). List of functional Waste-to-Energy and Waste-to-Compost plants is placed at Annexure-II.

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ANNEXURE REFERRED TO IN REPLY TO PART (A) OF LOK SABHA  
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Annexure-I

**Municipal Solid Waste Management**

S. No.	States	Municipal Solid Waste Management			
		Ward with 100% door to door collection, Nos.	Total Wards (Nos.)	Total waste generation (MT/D)	Total waste Processing (%)
1.	Andhra Pradesh	3,072	3,455	6,440	8
2.	A&N Islands	24	24	115	23
3.	Arunachal Pradesh	18	42	181	15
4.	Assam	92	888	650	10
5.	Bihar	2,588	3,321	14,820	40
6.	Chandigarh UT	26	26	340	100
7.	Chhattisgarh	923	3,232	1,896	2
8.	Daman & Diu	13	28	85	0
9.	Dadra & Nagar Haveli	0	15	35	0
10.	NCT of Delhi	232	272	8,400	52
11.	Goa	192	192	183	52
12.	Gujarat	1,529	1,572	10,145	28
13.	Haryana	412	1,449	3,490	25
14.	Himachal Pradesh	167	502	300	25
15.	Jammu & Kashmir	989	1,163	1,792	2
16.	Jharkhand	346	828	2,350	15
17.	Karnataka	4,146	5,276	8,784	40
18.	Kerala	1,280	3,536	1,576	50
19.	Madhya Pradesh	4,136	6,999	5,079	14
20.	Maharashtra	748	7,054	26,820	10
21.	Manipur	130	315	176	50
22.	Meghalaya	6	114	268	58
23.	Mizoram	66	193	253	4
24.	Nagaland	19	234	270	0
25.	Odisha	1,387	1,975	2,460	2
26.	Puducherry	81	129	495	20
27.	Punjab	2,544	3,093	4,100	22
28.	Rajasthan	2,010	5,247	5,247	16
29.	Sikkim	4	48	49	0
30.	Tamil Nadu	9,182	12,820	15,272	25
31.	Telangana	1,766	1,967	6,628	49
32.	Tripura	0	244	407	0
33.	Uttar Pradesh	3,516	11,290	12,650	13
34.	Uttarakhand	270	706	1,400	0.7
35.	West Bengal	1,360	28,16	8,675	6
	<b>Total /Average</b>	<b>43,274</b>	<b>81,065</b>	<b>1,51,831</b>	<b>23.2</b>

ANNEXURE REFERRED TO IN REPLY TO PART (C) OF LOK SABHA  
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Annexure-II

**Waste to Energy Plants (Functional)**

S.No.	State	Name of the City/ Town	Capacity (MW)
1	Maharashtra	Pune	10
2	Maharashtra	Solapur	30
3	New Delhi	Okhla	12
4	New Delhi	Ghazipur	16
5	Telangana	Karimnagar	12
6	Madhya Pradesh	Jabalpur	11.4
7	Delhi	Narela-Bawana	24
		<b>Total</b>	<b>88.4</b>

**Compost plants (Functional)**

S. No.	State	No. of Urban Local Bodies (ULBs)	Plant Capacity (MT per Annun)	Compost production (MT per Annun)
1	A.P.	14	27,333	4,351
2	Arunachal Prad.	1	5,000	207
3	Assam	1	5,000	276
4	Chhattisgarh	5	5,200	581
5	Delhi	3	9,500	788
6	Gujarat	12	1,01,250	10,374
7	H.P.	1	1,200	22
8	J&K	1	200	11
9	Jharkhand	1	5,000	581
10	Karnataka	19	2,09,200	29,696
11	Kerala	5	43,700	2,447
12	M.P.	9	62,650	7,161
13	Maharashtra	19	2,79,150	32,065
14	Manipur	1	10,000	221
15	Nagaland	1	5,000	415
16	Odisha	1	10,000	664
17	Punjab	3	1,20,000	8,571
18	Rajasthan	1	25,000	2,212
19	Tamil Nadu	13	1,49,945	10,886
20	Telangana	9	31,100	191
21	Tripura	1	20,000	1,106
22	Uttar Pradesh	14	3,58,000	86,983
23	Uttarakhand	5	3,150	261
24	West Bengal	5	22,850	1,729
	<b>Total</b>	<b>145</b>	<b>15,09,428</b>	<b>2,01,801</b>

