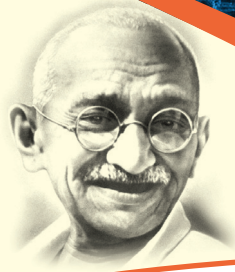


# SWACHH BHARAT

A Monthly Newsletter



## EDITORIAL

The national government launched the Swachh Bharat Mission (SBM) to achieve the goal of a “Clean India” by 2019 at New Delhi in October 2014. The SBM (Urban) announced a new goal of safe treatment of Faecal Sludge and Septage (Waste from Septic Tank). Under this, all state governments and city authorities have to submit ‘Detailed Faecal Sludge and Septage Management Plans’ as a part of their application for smart city plans. The Ministry of Urban Development (MoUD) in partnership with the National Faecal Sludge and Septage Management Forum organized a National Workshop on ‘City Journey Beyond Open Defecation Free - Faecal Sludge and Septage Management’ on 9th September 2016. On the second anniversary of SBM, ‘Swachh Bharat Week’ was organized by MoUD across the country starting from 25th September 2016 earmarking the 100th birth anniversary of Pandit Deen Dayal Upadhyay and culminating the birth anniversary of Mahatma Gandhi. MoUD has undertaken various activities on the second anniversary such as (i) Mass Scale triggering drives in all open defecation vulnerable spots in different cities and also involved Non-Governmental Organizations (NGOs) in the process; (ii) Ward level meetings to perform social auditing of sanitation and solid waste management (SWM) infrastructure; (iii) city level sanitation workshops (along similar lines as the INDOSAN (India Sanitation conference) workshop on 30th September 2016, involving all city-level stakeholders working in the area of sanitation and (iv) inaugurate all newly constructed community toilets and public

toilets and new compost plants in cities. The Ministry of Drinking Water and Sanitation in coordination with MoUD organized an annual national event INDOSAN on 30th September 2016 at New Delhi. The urban ministry has proposed a sanitation exhibition on the sidelines of the event at Vigyan Bhawan (rear parking area).

Many cities are taking numerous steps to improve the sanitation condition and solid waste management system so that the motive of “Clean India” is achieved by 2019. A special sanitation drive was conducted by the Municipal Corporation of Chandigarh (MCC) on 17th September 2016 at different locations of the city. During the drive all the 49 specific locations were cleared off garbage, paper waste, horticulture waste, construction debris etc. Another drive with a theme of “importance of cleanliness in schools” under SBM was conducted by the sanitation wing of the Municipal Corporation at a few government schools on 15th September 2016.

The New Delhi Municipal Council (NDMC) has launched e-waste collection in 5 centres where free door to door collection is being done. The Chairman of the Council has made mandatory for all schools to carry out cleanliness drive in last two periods and upload photos on link provided on NDMC websites. All schools had formed Swachhta Committee to carry out fortnightly inspections of school premises with support from health/civil department.

This newsletter showcases the progress of SBM, and brings news of success stories from different cities in



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India, highlighting the champions and ambassadors of change. It also serves as a vehicle for promoting ground level practices and knowledge for those interested in making India clean and litter free.

The newsletter is available on the Mission website (<http://swachhbharaturban.gov.in/>) and can be downloaded for further dissemination. The newsletter is an outcome of collective efforts made by states and cities. We thank you for your contribution and welcome suggestions for forthcoming issues.

-Editorial Team, NIUA



## CAPACITY BUILDING WORKSHOPS DURING SEPTEMBER 2016

### Workshop 1: Capacity Building workshop at Divisional Levels in Uttar Pradesh – Jhansi, Aligarh and Meerut

One day workshops were organized at 3 divisions of Uttar Pradesh under the supervision of Divisional Commissioners, covering the following topics:

- Open Defecation Free (ODF) declaration protocol – (Session taken up by the staff of Ministry of Urban Development (MoUD).
- Uploading of Individual Household Latrine (IHHL) / Community Toilet (CT) and CT Photographs on Swachh Bharat Mission (SBM) - (Session taken up by Chintan, Non Governmental Organization, (NGO)).
- Mainstreaming rag pickers into the municipal framework - (Session taken up by the staff of Project Monitoring Unit (PMU) of MoUD).
- Global Positioning System (GPS) solution for tracking vehicles - (Session taken up by the staff of PMU of MoUD).
- Directorate General of Suppliers and Disposal (DGS&D) rate contracts for SWM Equipment - (Session taken up by the staff of PMU of MoUD). DGS&D is the Central Purchase Organization of the Indian Government, functioning under the Ministry of Commerce and Industry. Its role is to finalize the rate contracts to be used by Government departments to procure items of general use.
- Thematic Drives - (Session taken up by the staff of PMU of MoUD).
- Swachhata App - (Session taken up by the staff of PMU of MoUD).

These workshops had very positive response at the division level and almost all the Municipal Corporations of the division were present. These workshops were conducted by MoUD in collaboration with Chintan Environmental Research and Action Group.

Chintan group works for environmental justice in partnership with people and groups from diverse sections of society. Our focus is on ensuring equitable and sustainable production and

consumption of materials, and improved disposal of waste. An important part of this is ensuring green jobs, security and dignity for the urban poor, many of whom earn a living as waste recyclers.

### Workshop 2: Capacity Building Workshop at Municipal Corporation of Greater Mumbai

#### Theme: Scientific Closure of Gorai Landfill

As part of the capacity building efforts of the Ministry of Urban Development (MoUD), an exposure workshop was conducted by Greater Mumbai Municipal Corporation on the theme “Scientific Closure of Gorai Landfill”, at the Civic Training Institute and Research Centre of Municipal Corporation of Greater Mumbai (MCGM) followed by a field visit to the Gorai Dumping closure site project which gave them the opportunity to practically explore and understand the learnings shared during the classroom session. The session was moderated by Mr. Minesh Pimple, Deputy Chief Engineer (SWM) Project who holds 26 years of professional experience in this field.

#### About Gorai Dumping site

Before closure, Gorai dumping site was operated in an open manner causing emission of Greenhouse gases. Open dumping at Gorai resulted in many agitations by the local public due to its adverse effects on the health and the surrounding environment. This condition would get worse during monsoon period.

As the Gorai dump site was located next to the Gorai creek the growth of the mangroves in the creek was affected due to continuous flow of the leachate generated from the waste in to the creek water. Like other open dump sites Gorai dumping site also had frequent fire incidents, road accidents, traffic issues, odor nuisance complains, flying birds nuisance, emission of Greenhouse gases etc. As per orders of the Hon’ble Supreme Court and to avoid further detrimental effects on environment due to the lying waste, MCGM decided to close the Gorai dumping site scientifically as per MSW Rules 2000.



## INDIA SANITATION CONFERENCE (INDOSAN) 2016



To mark the second anniversary of the Swachh Bharat Mission (SBM), the Ministry of Urban Development (MoUD) along with the Ministry of Drinking Water and Sanitation (MoDW&S) organized a day long India Sanitation Conference (INDOSAN 2016) on 30th September 2016 at Vigyan Bhawan in New Delhi.

Our Hon'ble Prime Minister, Shri Narendra Modi inaugurated the conference which was also attended by the Minister of state for the Ministries of Urban Development and Drinking Water & Sanitation, Chief Ministers, Urban Development Ministers of States, the Cabinet Secretary, District collectors and other senior government officials.

The conference was also attended by the Urban Development Minister, Shri. M. Venkaiah Naidu, Drinking Water and Sanitation Minister, Shri. Narendra Singh Tomar.

The Cabinet Secretary, Shri. P.K. Sinha chaired an inter-ministerial plenary session on 'Enhancing Convergence for SBM'.

During his inaugural address at 'INDOSAN', the Prime Minister said that Swachhta Abhiyan is touching people's lives. He added that a healthy competition is now developing among cities and towns, for promoting cleanliness. He also emphasized that cleanliness is not something to be achieved by budget allocations. Rather, it is something that should become a mass movement.

'INDOSAN' aimed at bringing together all stakeholders such as government, Non Governmental Organizations (NGOs), academicians, researchers, partner agencies, Corporates on one platform for a shared vision and to create an opportunity for collective vision, collective understanding of the key elements of the SBM programme.

The stakeholders also discussed the steps to make India Open Defecation Free (ODF) by 2019 by construction of individual, cluster & community toilets and by keeping urban areas & villages clean via solid and liquid waste management through Gram Panchayats.

The Prime Minister also felicitated the best performers in different categories for their spirited campaign towards ensuring cleanliness.

- **Clean Cities in million plus population category**-Chandigarh and Mysuru
- **Cleanest Tourism Destination**- Gangtok
- **Best in Solid Waste Management** - Pune Municipal Corporation and SWaCh Cooperative Society
- **Cleanest Cultural Heritage Site**- Rani Ki Vav, Patan, Gujarat
- **Cleanest Station**- Surat Railway Station
- **Cleanest Hospital**- Post Graduate Institute of Medical Research & Education, Chandigarh
- **ODF and Cleanest district in hilly areas**- Mandi district, Himachal Pradesh
- **ODF and Cleanest district in plain areas**- Sindhugurg district, Maharashtra
- **Exemplary nation-wide cleanliness activities**- National Cadet Corps, NCC

As part of this conference, a thematic photo-exhibition was also organized to showcase best practices and achievements from states/cities and districts.





Prime Minister, Narendra Modi, Union Ministers, Chief Ministers and Ministers from States and Union Territories also signed a Declaration of Commitment to make India Open Defecation Free and Clean by 2019. Those who signed the declaration include the Chief Ministers of Andhra Pradesh, Assam, Chhattisgarh, Goa, Haryana, Maharashtra and Goa along with Ministers from States who attended 'INDOSAN'. Other elected representatives from rural and urban local bodies, District Collectors and Municipal Commissioners also signed a similar declaration.

MoUD and MoDW&S also organized an exhibition on Sanitation and Solid Waste management techniques and technology. About 50 technology providers in the field of sanitation and municipal solid waste management in rural and urban areas showcased their products, which were very unique in their offerings.

The exhibition was inaugurated by the Hon'ble Urban Development Minister, Shri Venkaiah Naidu on 29th September 2016. The exhibition was open to general public. The visitors included school and college students, Municipal Staffs, Residents Welfare Associations, Hotel associations, NGOs and other stakeholders.

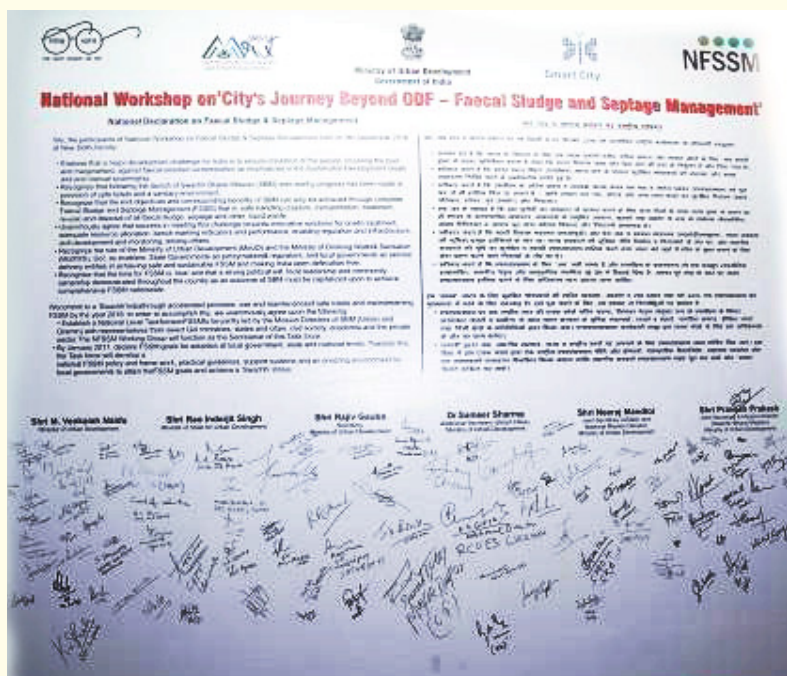


## NATIONAL WORKSHOP ON “CITY’S JOURNEY BEYOND OPEN DEFECATION FREE – FAECAL SLUDGE AND SEPTAGE MANAGEMENT: 9TH SEPTEMBER 2016

The Swachh Bharat Mission (SBM) – Urban announced a new goal of safe treatment of faecal sludge and septage (waste from septic tanks). Under this, all State governments and City authorities have to submit the ‘Detailed Faecal Sludge and Septage Management Plans’ as a part of their application for smart city plans. The new objective will address and help attain the UN Sustainable Development Goal of adequate and safe sanitation for all by 2030.

The Ministry of Urban Development (MoUD) in partnership with the National Faecal Sludge and Septage Management Forum organized a National Workshop on ‘City’s Journey Beyond Open Defecation Free – Faecal Sludge and Septage Management’ on 9th September 2016. A national Task Force on Faecal Sludge and Septage Management (FS&SM) comprising government and Civil Society Organizations was also formed at the Workshop. The initiative reiterates and recognizes that the end objectives and corresponding benefits of SWM can only be achieved through effective and comprehensive treatment and disposal of all liquid waste.

The urban ministry, city officials from nearly 20 states, representatives of over 100 cities, and NFSSM adopted a National Declaration on FS&SM, committing to a “Swachh India through



accelerated provision, use and maintenance of safe toilets and FS&SM practices by the year 2019”. The approach will be planned and adopted initially in 130 cities; covered under the Atal Mission for Rejuvenation and Urban Transformation (AMRUT), Smart Cities Program, and SBM. Few states such as Maharashtra, Tamil Nadu, and Odisha have already adopted state-wide septage management policies that target all cities and towns of India. It is expected that urban women, men and

children not only have access to better services with the adoption and implementation of this new approach but will also enjoy healthier lives and a cleaner environment.

Prior to the workshop, the SBM (Urban) also launched a tool to measure the current sanitation status, plans, budget and implementation work towards treatment of faecal matter in all cities and towns of India. These developments mark a paradigm change in the way SBM (Urban) will be implemented with an eye on maximizing the social, economic and health benefits for citizens arising from 100 percent adoption of safe and sustainable hygiene practices at the household, neighbourhood and city levels.

## REPORT ON THE SOLID WASTE MANAGEMENT EXPOSURE WORKSHOPS DURING SEPTEMBER 2016

National Institute of Urban Affairs on behalf of the Ministry of Urban Development, Government of India organized two exposure workshops on solid waste management under Swachh Bharat Mission during the month of September 2016 on 5th to 8th September 2016 and 19th to 22nd September 2016 respectively at the United Service Institution of India, Vasant Vihar, New Delhi. The objectives of these two workshops were to create awareness on various aspects and issues of Solid Waste Management and build capacity of municipal officials to handle them through innovative strategies and technologies. These workshops were attended by ULB officials from Gujarat, Sikkim, Karnataka, Andhra Pradesh, Jharkhand, West Bengal, Chattisgarh, Maharashtra, Tamil

Nadu, Himachal Pradesh, Bihar etc. Batch 9 (September 5th to 8th, 2016) had 9 participants and batch 10 (September 19th to 22nd, 2016) had 32 participants. A total of 41 officials from various municipal corporations/municipalities participated and received certificates in September. The Resource Persons were mainly from Urban Local Bodies and government departments. Some were also from educational institutions, companies, Non-Governmental Organizations, Residents Welfare Organizations etc. Workshops included various activities such as orientation lectures on Solid Waste Management Rules 2016 and some technologies, while field visits were to landfill sites, Waste to Energy Plants, Centralised Composting Facilities, Construction and Demolition

waste Recycling Plants, Integrated Waste management complexes having recycling plants, leachate treatment, waste water treatment etc.. The participants were also exposed to decentralized waste management locations as well as simple technologies during technical sessions and field visits. They were also involved in solo and group activities and were encouraged to discuss their challenges, issues and solutions. Participants were rewarded with certificates and prizes on the basis of their discussion and presentation. Last but not the least, Swachh Bharat Mission Oath was taken by all participants and NIUA team at the end of every workshop. The workshops ended with a vote of thanks to all stakeholders.



Figure 1 Participants receiving prize from Prof. Masilamani, Batch 9 (September 8th, 2016)



Figure 2 Participants receiving prize from Prof. Masilamani, Batch 10 (September 22nd, 2016)



Figure 2, Resource persons giving presentations during batch 9 workshop, September 5



Figure 4, Resource Persons presenting their presentations during Batch 10 Workshop, September 19

## SWACHH BHARAT WEEK (25TH SEPTEMBER-2ND OCTOBER 2016)

As a part of the second anniversary celebrations, a 'Swachh Bharat Week' was organized by MoUD across the country starting from 25th September 2016 earmarking the 100th birth anniversary of Pandit Deen Dayal Upadhyay and culminating on the birth anniversary of the father of our nation.

These drives were carried out by Urban Local Bodies (ULBs) of the cities with assistance from 'Swachhagrahis', self-help groups, local Non Governmental Organizations (NGOs) and some Government departments such as tourism, health & education.

In some cities, ULBs partnered with NGOs to perform Nukkad Natak to educate those engaged in open defecation.

Date	Event
25th Sep	ODF Triggering activity
26th Sep	Ward-level Social auditing of sanitation and SWM infrastructure constructed during mission period in urban areas by senior city officials
27th Sep	Special cleanliness drive in market places, bus stand areas, vegetable market
28th Sep	NCC for Swachhta- NCC to do events /campaigns/ activities across the country Special cleanliness drive in hospitals, parks, government offices
29th Sep	Technology in Sanitation and Solid waste management exhibition in Delhi to be inaugurated by Hon'ble Union Development minister INDOSAN 2016 Exhibition
30th Sep	INDOSAN, India Sanitation Conference 2016
2nd Oct	Celebration of Rashtriya Swachhata Diwas

### 25th September 2016- ODF Triggering Activity

Similar to earlier ODF triggering drives these were also conducted across spots vulnerable to open defecation in cities such as, lands adjoining railway tracks, slum areas & Open Defecation spots near premises of large hospitals, educational institutions. These drives were organized between 5 am and 8 am in cities namely, Bhopal, Faridabad, Chandigarh, Guwahati, Ranchi, Indore, Madurai, Jaipur, Surat, New Delhi, Amritsar, Vishakhapatnam, Kanpur.



**26th September 2016-** Ward-Level Social Auditing of Sanitation and SWM Infrastructure Constructed During Mission Period in Urban Areas by Senior City Officials



**27th September 2016-** Mass Cleanliness Drives in Market Places



**28th September 2016-** Cleanliness Drives in Hospitals, Parks and Government Offices



## PICTURES FROM THEMATIC DRIVES CROSS THE COUNTRY DURING THE MONTH ARE GIVEN BELOW:



Vishakhapatnam



Lucknow



Faridabad



NDMC



## STATE-WISE STATUS OF IMPLEMENTATION OF VARIOUS COMPONENTS UNDER SBM UPTO SEPTEMBER 2016



S.No	State & Cities/Towns	Status of Toilets							Status of Municipal Solid Waste Management			
		Individual Household Toilets			Community Toilets (Number of Seat)		Public Toilets (Number of Seat)		Ward with 100% door to door collection (Nos.)	Total Wards (Nos.)	Total Waste Generation (MT/D)	Total waste processing (%)
		Appli- cation Received (Nos.)	Work com- menced	Completed (Nos)	Work Com- menced	Com- pleted	Work Com- menced	Completed				
1	Andhra Pradesh	333554	95316	238237	5228	2477	1364	1526	3072	3455	6440	8
2	Andman& Nicobar Islands	115	40	0	64	0	5	0	18	24	100	35
3	Arunachal Pradesh	31027	2566	183	3229	0	586	0	18	42	181	15
4	Assam	196786	370	699	2000	10	2800	1948	92	888	650	10
5	Bihar	207500	108924	23574	540	200	126	245	2194	3321	14820	40
6	Chandigarh UT	24071	5120	18950	2016	687	7036	876	26	26	340	100
7	Chhattisgarh	330450	71976	173024	7479	1481	2370	2090	903	3232	1896	0
8	Daman & Diu	0	0	0	0	0	0	0	13	28	85	0
9	Dadra & Nagar Haveli	0	0	0	0	0	0	0	0	15	35	0
10	NCT of Delhi	11128	0	7	16551	4937	3008	2151	232	272	8400	52
11	Goa	5800	1936	874	70	20	100	20	192	192	183	52
12	Gujarat	564521	0	542129	407	1628	882	5435	1732	2319	9277	28
13	Haryana	100719	35021	13574	2351	961	338	185	412	1449	3490	25
14	Himachal Pradesh	3818	0	1433	0	0	19	30	167	502	300	20
15	Jammu & Kashmir	74364	3927	355	84	147	0	273	989	1163	1792	2
16	Jharkhand	157867	73094	42686	415	296	950	5	243	828	3750	15
17	Karnataka	308802	150554	105683	5455	1885	2060	1314	3962	5276	8784	33.5
18	Kerala	67000	2829	61918	0	0	0	0	1280	3536	1576	50
19	Madhya Pradesh	590455	368440	221049	14230	13050	0	0	4136	6999	5079	14
20	Maharashtra	562332	244680	195941	2472	1236	2864	1453	748	7054	26820	10
21	Manipur	19682	235	3851	30	0	140	140	130	315	176	50
22	Meghalaya	5066	84	1	23	0	170	0	6	114	268	58
23	Mizoram	2000	150	550	35	35	30	18	66	193	253	4
24	Nagaland	14235	8623	3675	226	70	0	0	19	234	270	0
25	Odisha	174886	99305	11370	2230	570	1810	150	1213	1975	2460	2
26	Pondicherry UT	8790	6569	2135	100	60	100	10	81	129	495	20
27	Punjab	125694	70238	26097	2915	85	1499	119	2472	3043	4100	10
28	Rajasthan	299484	189171	36893	4135	2280	3378	687	2010	5247	5247	16
29	Sikkim	1590	210	1378	8	8	0	12	4	48	49	0
30	Tamil Nadu	357999	7615	249000	14816	41861	870	2130	9182	13667	15272	16
31	Telangana	176625	116206	59118	92	16	779	639	1766	1967	6628	49
32	Tripura	15	0	0	0	0	0	0	0	244	407	0
33	Uttar Pradesh	1956327	168846	249138	5214	2331	2151	807	638	11290	19180	13
34	Uttarakhand	26948	21017	1817	1130	273	120	30	195	706	1400	0.7
35	West Bengal	105317	311	119727	130	140	0	0	1360	2816	8675	6
	<b>Total/Average</b>	<b>6844967</b>	<b>1853373</b>	<b>2405066</b>	<b>93675</b>	<b>76744</b>	<b>35555</b>	<b>22293</b>	<b>39571</b>	<b>82609</b>	<b>158878</b>	<b>21.08</b>

For further details about SBM-U, please visit: <https://swachhbharaturban.gov.in/>

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