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**RCUES, Mumbai**  
Enabling better cities...

# Urban Environ Vision

An Information Bulletin



**RCUES**

**Regional Centre for Urban & Environmental Studies**  
**All India Institute of Local Self-Government, Mumbai**

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Director, RCUES, AIILSG, &  
Editor

**Ms. Utkarsha Kavadi**



***Urban Environ Vision aims to take its readers through the journey of RCUES, Mumbai while providing encouragement and inspiration. It offers a platform to display the efforts undertaken by RCUES, Mumbai and showcase its achievements.***



## Specialised Training Programme on Swachh Bharat Mission (SBM) & Needed Measures at ULB Level

31st May & 1st June 2016, Panaji, Goa



The key highlight of the programme was innovative group work conducted in the form of role play which helped participants explore ideas to make their cities ODF+ and ODF++

### Introduction

As per Census 2011, India's urban population was 377 million or 31% of the total population. This number is expected to increase significantly by 2031. Such rapid urbanisation poses many challenges for Indian cities. Weak sanitation, untreated sewage and solid waste are among the biggest.

Government of India launched Swachh Bharat Mission (SBM) on 2nd October, 2014. The key objective of SBM, Urban is to make Indian cities Open Defecation Free (ODF) and clean by 2019. To achieve this objective, it is necessary to concentrate on the measures needed for effective implementation of SBM at city level.

As per the SBM framework, ULBs have to play a vital role in effective implementation of the mission at city level. Hence it is necessary that the ULBs are well aware of the components of SBM, strategies to achieve ODF & Clean cities as per the SBM guidelines, various approaches and technologies in sanitation & solid waste management and their city specific application. It is essential to identify solutions to address local challenges in achieving the targets. Against this background, the Regional Centre for Urban and Environmental Studies (RCUES) of the All India Institute of Local Self-Government (AIILSG), Mumbai organized a specialized training programme on **"Swachh Bharat Mission (SBM) & Needed Measures at ULB Level"** from 31<sup>st</sup> May to 1<sup>st</sup> June, 2016 at Panaji (Goa), fully supported by Ministry of Urban Development (MoUD), Government of India (GoI).

### Key Objective

The key objective of the training programme was to provide guidance on developing a city level framework for effective implementation of "Swachh Bharat Mission (SBM) and to encourage peer learning for achieving the goals.

### Participation

A total of 70 participants from four states i.e. 9 of Goa, 13 of Assam, 12 of Gujarat and 36 of Maharashtra, comprising of elected representatives, municipal commissioners, ward officers, engineers, health officers and sanitary inspectors attended this programme.

### Inauguration

The training programme began with the theme introduction. Mrs. Maleka Ansari, Research Officer, RCUES of AIILSG, Mumbai welcomed all dignitaries on the dais and briefed about the objective of this programme.

The programme was inaugurated by Mr. Sunil Pal, Under Secretary, Ministry of Urban Development (MoUD), Government of India (GoI).



In the inaugural session he discussed the challenges faced by city managers due to rapid urbanisation. Addressing the issue of ever increasing pressure on cities infrastructure services caused due to population influx, he explained the importance of providing basic services to citizens under Swachh Bharat Mission.

Dr. Jatin Modi, President Emeritus, AIILSG and former Mayor of Vadodara in his special address mentioned that, strategic planning is very crucial in achieving the mission objectives at city level. Identifying that involvement of citizens is crucial for the success of the mission he emphasised on children becoming catalyst in achieving objectives of the mission. He further discussed that, good governance plays an important role in transforming the cities.



**Dr. Jatin Modi, President Emeritus, AIILSG and former Mayor of Vadodara addressing the participants.**

Mr. Dattatray Masurkar, President, Khopoli Municipal Council, Mr. Jitu Hirpara, Mayor, Junagadh Municipal Corporation also addressed the participants, based on their extensive experience at city level & wished the programme success.

## Technical Sessions

The inaugural session was followed by technical presentations, divided into two parts i.e. making cities open defecation free and solid waste management. Technical sessions based on open defecation were held on the first day & on solid waste management on the second day as they are key components of Swachh Bharat Mission (SBM). Mr. Satyajit Shinde, Research Associate, RCUES of AIILSG, Mumbai briefly spoke on Swachh Bharat Mission (SBM) guidelines to explain the linkage of the subject coverage.



**Ms. Utkarsha Kavadi, Director, RCUES of AIILSG, Mumbai addressing the participants**

Ms. Utkarsha Kavadi, Director, RCUES of AIILSG, Mumbai based on her state & city level experience, explained the systematic approach to making cities ODF. She emphasized on the need for comprehensive city sanitation planning for achieving Open Defecation Free (ODF) cities. Explaining that assessing existing situation is a crucial first step for preparing city level plan to make the city open defecation free, she emphasized on the importance of conducting surveys. Stating that Swachh Maharashtra Mission's focus is not only toilet construction but also on sustainability, she explained that individual toilets should be prioritized as compared to community and public toilets. She also explained the concepts of ODF+ and ODF++ implemented by Swachh Maharashtra Mission, which aims for individual toilets and septage management, to attain sustainability. Swachh Maharashtra Mission being a demand based mission she explained the significance of application and monitoring. Understanding that mobilizing funds to build toilets is a concern for an individual she stated that sanitation loans could be explored to solve this issue, citing CSR as an option. Initiatives should be taken at city level to develop a viable action plan for making cities ODF and achieving universal sanitation.

After the coverage of the subject, some of the ULBs from Maharashtra who have done good work in their respective cities were invited to talk about their work. Mr. Vipin Muddhe from Ballarpur Municipal Council, Mr. Dipak Sawant, Chief Officer from Khopoli Municipal Council,

Mrs. Deepali Naik, Chief Officer from Mormugao Municipal Council and Ms. Gayatri Natha, Ward Commissioner, Goalpara Municipal Board explained the initiatives taken at their respective cities while moving towards ODF & clean cities.

Mrs. Seema Redkar, Consultant & former OSD, MCGM, Mumbai explained the importance of community participation in making the cities ODF. She mentioned overall scenario of sanitation in the country with special focus on Mumbai city. She further added that community participation is a key to Swachh Bharat Mission (SBM). She also explained innovations to improve sanitation in the city with the help of varied stakeholders.

### Group Discussion



In this session, 5 groups were formed comprising of 6 to 7 participants from different ULBs. On the basis of cases given to them, each group had to develop action plan for making the city ODF. Group work was conducted on the idea of role play where in each member of the group represents a position in the ULB like that of a chief officer, president, elected representative, engineer, sanitary inspector, beneficiary etc. With extensive discussions amongst the members of the group, each group developed a framework for making the city ODF. Thereafter, each group presented their action plan as per the role played by them while making the action plan.

In evaluation of the groups, it was observed that, all participants gave valuable inputs. Some of the members also thought about measures to ensure sustainability and came up with ideas similar to components of ODF + and ODF ++ which are introduced by Swachh Maharashtra Mission. The



performance of the groups was assessed by Urban Development officials and other experts. The best performing group was rewarded by token of appreciation.

### Site Visit

On the second day, the focus was on Solid Waste Management (SWM), another component of Swachh Bharat Mission (SBM). A site visit was organized in the city of Panaji to observe the good work at household as well as city level. Corporation of The City of Panaji (CCP) has developed a good system of waste management. Recycle of the dry waste is also done systematically. Cooperative societies in the city are encouraged to set up kitchen gardens and composting stations within their society. Participants visited Kamat co-operative housing society. The society manages its entire own waste. Four way system is used at household level. Waste is segregated in four different sections—paper, plastic, wet waste, glass & metal. Wet waste is poured in pit to compost. The city composts over 80% of wet waste. This system of waste management reduces the burden on the CCP to collect the waste and helps to keep the surroundings clean and healthy. Participants also visited to see recycling unit where recyclable waste is further divided into 20 sections and auctioned weekly.

CCP has done admirable work in solid waste management under SBM. It is very fast moving towards clean city. The city is trying to move towards becoming a zero garbage city very soon.



After the study visit, Ms. Ketaki Ghatge from Pune talked on segregation of waste at source and pointed out that it is a crucial step in the waste management system. In the concluding session of the programme participants expressed their views about the programme positively.

Mrs. Maleka Ansari concluded the training programme with a vote of thanks to chief guest, special invitees, resource persons and participants.

### Glimpses of site visit



## Specialised Training Programme on “Planning of ODF Cities”

14th & 15th June 2016, Panchgani, Maharashtra



The key highlight of this programme was ULB presentations. The representatives of selected ULBs explained the efforts taken by their city to make it ODF. These were certainly encouraging for other participants to undertake similar initiatives in their respective cities.

### Introduction

The Census of India 2011 provides some alarming statistics regarding the state of urban India. About 18 % of urban households defecate in the open and another 8 % use public toilet facilities. The importance of eliminating Open Defecation (OD) in Indian cities is an urgent necessity for better health, safety and dignity.

The Swachh Bharat Mission Urban (SBMU) launched by the Government of India (GoI) on 2nd October 2014, aims to make Indian cities open defecation free (ODF) by 2nd October 2019. While guidelines have been developed by GoI, states and cities have to formulate their own strategies to achieve the expected outcomes. It is evident that, in the last one year, cities have made various efforts for moving towards the target. However it is essential to develop a systematic approach for making and sustaining cities ODF as envisaged in the mission.

In view of the above, the Regional Centre for Urban & Environmental Studies (RCUES) of All India Institute of Local Self-Government (AIILSG), Mumbai conducted a specialised Training Programme on “Planning of ODF Cities” on 14<sup>th</sup> & 15<sup>th</sup> June 2016 at Panchgani, Maharashtra. This training programme was fully supported by Ministry of Urban Development, Government of India.

### Key Objective

The key objective of this training programme was to provide guidance in developing a framework for making the cities ODF as envisaged under the Swachh Bharat Mission.

### Participation

A total number of 60 participants comprising of the president, elected representatives, chief officers, municipal engineers and sanitary inspectors from the states of Maharashtra, Gujarat and Rajasthan attended this training programme.

### Inauguration

The training programme commenced with a welcome address by RCUES team followed by a short introduction from all the dignitaries. The guests were felicitated followed by an inaugural session by Mr. Mayur Vora, Managing Director, Mapro Foods. He appreciated the idea of conducting the programme at Panchgani.



**Mr. Mayur Vora, Managing Director, Mapro Foods addressing the participants during the inaugural session at Panchgani**

He cited the example of his own family, who were pioneers in construction of public toilet in Jafarabad. He highlighted the importance of toilets and its positive consequences on health.





**Capt. Anant Modi, Director General, AIILSG addressing the participants.**

Capt. Anant Modi, Director General, AIILSG delivered a special address highlighting the rapid urbanization trend in our country due to migration. He added that this trend has become a challenge in keeping the city clean. He also mentioned that schools are among the prime stakeholders for clean cities and can play a very important role in the Swachh Bharat Mission.



**Mr. Sudhakar Bobade, Dy. Secretary, Urban Development Department (UDD), Government of Maharashtra (GoM)**

Mr. Sudhakar Bobade, Dy. Secretary, Urban Development Department (UDD), Government of Maharashtra (GoM) talked on Swachh Maharashtra Mission Urban (SMMU) launched by Government of Maharashtra. The focus was on use of existing toilets rather than construction of new toilets. He showcased the statistics of toilets constructed in the state along with their images uploaded on social groups for

peer learning & replication. He emphasized the importance of planning in making the cities ODF.

## Technical Sessions

Mrs. Neha Hardikar, Research Officer, RCUES, AIILSG, Mumbai talked on introduction to Swachh Bharat Mission (SBM) and its key component of open defecation. She explained the reasons of open defecation such as lack of space for toilet construction, vicinity of toilets from residential areas and under utilization of existing toilets. She emphasized that the objective of SBM is to achieve 100 % ODF status by October 2019 and moving towards 100% coverage of toilets & efficient Septage Management. She also described the status of implementation of toilet construction of each state under SBM up to April 2016.



**Ms. Utkarsha Kavadi, Director, RCUES of AIILSG, Mumbai addressing the participants**

Ms. Utkarsha Kavadi, Director, RCUES of AIILSG, Mumbai talked on city level strategy in making the cities ODF. She mentioned the challenges faced by cities in making their cities ODF. Speaking on ODF cities declared under Swachh Maharashtra Mission Urban (SMMU), she urged them to be sustained as ODF and move towards ODF + ODF ++ cities.

## Presentations by ULBs

The RCUES of AIILSG, Mumbai, with a view to share the presentations made by the Urban Local Bodies (ULBs) and

their extensive knowledge & ideas amongst the participants from other states, encouraged the city managers to document and provide details about the remarkable work implemented in their cities. In this programme, Mr. Ashish Lokare from Mangalwedha, Dr. Chandan Karkare from Rajkot and Mr. Saurabh Agashe from Wai spoke about the good practices in their respective cities. Mangalwedha & Wai are declared as ODF cities under Swachh Maharashtra Mission Urban (SMMU) and Rajkot is rapidly moving towards becoming ODF. The representatives discussed the efforts taken by their cities to achieve the mission objective by quoting strategies at city level.

### Group Work



The aim of the group work was to assess the understanding of the subject explained by expert resource persons. This session created a platform for sharing ideas by each & every participant in their group.

In this programme, participants were randomly divided into 6 groups. On the basis of the case given to them, each group had to develop an action plan for making their cities ODF. Each group was comprised of 5 to 6 persons from different ULBs across the states of Maharashtra, Gujarat and Rajasthan. Each participant gave his inputs and helped in formulating the action plan.

Representative of each group explained his group's plan of action. The ideas which emerged were indeed notable. This entire participatory exercise was evaluated by a team of



experts. They appreciated the efforts of every individual and the best performing group was awarded a token of appreciation.

### Site Visit



Site visits were also conducted as part of the programme. The purpose was to get a first-hand feel of the good work done by cities. The programme was conducted in Panchgani since the city is declared as ODF. Sydney Point in this city was earlier used as a dumping ground. Current President of Panchgani took the initiative to convert the dumping site into a beautiful garden called Sydney point. Almost 5 tons garbage was collected from the vicinity of Panchgani out of which 3 tons was converted into organic soil. This point is



## Glimpses of site visit



also named as Swachh Maharashtra Point. Such efforts taken at city level are indeed praise worthy. The participants also visited Satara as this city is also declared as ODF. In Satara, open defecation (OD) spots have been transformed with efforts taken by elected representatives from the city through utilization of local area funds for the purpose. The city converted erstwhile OD spots into recreational

gardens, lakes and agricultural land. These City level efforts have added significantly to sustainability in the region. In the concluding session, participants shared their views and learnings of the programme. Mrs. Neha Hardikar concluded the training programme with a vote of thanks to chief guest, special invitees, resource persons and participants.



## Specialised Training Programme on Solid Waste Management in Cities & Swachh Bharat Mission (SBM)

7th & 8th July 2016, Sawantwadi, Maharashtra



The key highlight of this programme was to study the strategies adopted by city managers and collective efforts through people's participation for effective implementation in Vengurla, as the city is declared as a clean city under SBM.

### Introduction

The Swachh Bharat Mission (SBM) launched in October 2014, is being implemented by the Ministry of Urban Development (MoUD), GoI in urban areas. Municipal Solid Waste Management (MSWM) is a key component of Swachh Bharat Mission and a very essential service for ensuring better standard of health, sanitation & environment and thus a better quality of life for citizens. With the increasing population, MSW in the country has emerged as a severe challenge not only because of the environmental aesthetics aspect but also because of the sheer quantities generated every day. According to the Central Pollution Control Board (CPCB), 144,165 Tonnes per day (TPD) of MSW was generated in India during 2013-14 of the total waste generated, approximately 115,742 Tonnes (80%) of MSW was collected and only 32,871 TPD (20%) was treated. SBM offers an opportunity to address the issues linked with this situation.

In view of the above background, Regional Centre for Urban & Environmental Studies (RCUES) of All India Institute of Local Self-Government (AIILSG), Mumbai organized a specialised training programme on **"Solid Waste Management in cities & Swachh Bharat Mission (SBM)"** on 7<sup>th</sup> & 8<sup>th</sup> July 2016 at Sawantwadi, Maharashtra. This programme was fully supported by Ministry of Urban Development (MoUD), Government of India (GoI).

### Key Objective

The key objective of the programme was to strengthen capacities of ULBs in achieving solid waste management related goals envisaged under Swachh Bharat Mission (SBM)

### Participation

A total of 33 participants, 30 of Maharashtra and 3 of Goa, comprising of president, vice president, chief officer, elected representatives, assistant health officers, sanitary inspectors, project officers attended this programme.

### Inauguration



**Shri. Rajan Pokle, Vice President, Sawantwadi, inaugurated the programme**

The training programme was inaugurated by Shri. Rajan Pokle, Vice President of Sawantwadi Municipal Council, Maharashtra. During his inaugural address, he emphasized on exploring appropriate technology necessary to manage solid waste. He urged city managers to plan for "zero garbage" system. Citing the example of a 150 year old lake which was cleaned and rejuvenated he highlighted the crucial role of team building in making the cities clean. He wished the training programme all success.

Capt. Anant Modi, Director General, AIILSG in his special address talked about clean cities. He mentioned that, the objective of the programme was to create awareness among citizens about the clean cities. He explained the importance of Swachh Bharat Mission in making our cities clean and



**Capt. Anant Modi, Director General, AIILSG, addressing the participants in his special address in the training programme**

hygienic. He mentioned the role played by AIILSG in supporting Government of Maharashtra in this flagship project.

Thereafter, Ms. Utkarsha Kavadi, Director, RCUES, AIILSG, Mumbai spoke about other aspects of the programme.

## Technical Sessions



**Mr. Parthiv Soni, Manager – Urban Practice, CRISIL Risk & Infrastructure Solutions Limited addressing the participants**

Mr. Parthiv Soni, Manager – Urban Practice, CRISIL Risk & Infrastructure Solutions Limited talked on municipal solid waste & its management. Initially he presented statistics about the municipal solid waste generation followed by the quantum of waste processed, citing the example of Maharashtra. He further explained about various processing technologies. He focused on segregation of waste at source and stated that PPP will be useful in developing this concept. Concluding his session he explained the concept of 'waste to energy' and described the Singapore model in waste generation.



**Mr. V. K. Rao, Sr. Faculty, AIILSG, Mumbai & Retd. Chief Engineer (SWM), MCGM, Mumbai addressing the participants.**

Mr. V. K. Rao, Sr. Faculty, AIILSG, Mumbai & Retd. Chief Engineer (SWM), MCGM, Mumbai addressed the participants. In his address, he talked on Solid Waste Management. He discussed criteria for selection of landfill sites and steps in state level monitoring. He further explained the new MSW Rules 2016 and the necessity for change in rules. He stated that the major focus is on concept of "zero" garbage and that segregation at source is compulsory. He pointed out that many dumping sites have now been closed, thus the only solution is to process waste. He concluded by stating that SWM is a people's movement and every individual has a responsibility towards keeping his city clean.



**Mrs. Seema Redkar, Consultant & Retd. OSD, MCGM, Mumbai addressing the participants**

Mrs. Seema Redkar, Consultant & Retd. OSD, MCGM, Mumbai spoke about the importance of community participation in solid waste management. She cited

numerous examples of Mumbai city where segregation can be done successfully at source and wet waste can be converted into manure with people's participation. She further explained that Corporate Social Responsibility (CSR) funds can be utilized to develop recycling or dry waste centres.

Mrs. Deepali Naik, Chief Officer, Mormugao explained the strategy developed in Mormugao to keep the city clean. As a city manager, she developed various activities, viz, help of school children for awareness drive, meeting with NGOs, adopting PPP route, prabhat pheri under SBM in the city.

### Group Work



The objective of the group work was to assess the participant's application process after gaining knowledge about the subject. The participants were divided into 3 groups. A case was developed and presented to them.



Each group consisting of 6 to 7 participants across the states had to develop a plan of action for making their cities clean. The best performing group was awarded.

### Site Visit

A site visit was organized to Vengurla as this city is declared as a clean city under Swachh Bharat Mission. The objective of the site visit was to understand the strategies adopted by city managers and scope of people's participation in the implementation process. Vengurla has achieved the status of 'zero garbage generation'. Participants were given a tour of the dumping ground, where, part of the dumping ground hosts a waste converting unit and the other part being a clean and beautiful place, which can be used for recreational activities. Participants received on-site experience of how a dumping ground can be converted into a clean space for citizens. Discussion was held at this cleaned and serene dumping ground where participants were informed about the process of converting waste to usable form. During the conclusion of the programme, certificates were awarded to the participants.





## Glimpses of site visit



## Specialised Training Programme on “Achieving Universal Sanitation in Urban Areas - Swachh Bharat Mission”

21st & 22nd July 2016, Pune, Maharashtra



The key highlight of the programme was to study methods and strategies that could be adopted for effective implementation of SBM in urban areas. Series of lectures was followed by site visit which showed the possibilities of toilets being constructed in very small houses thereby encouraging the participants to replicate such initiatives in their own cities.

### Introduction

Sanitation remains one of the major development challenges in India due to increased urbanisation. The level of urbanisation in the country increased from 25.7% in 1991 to 27.82% in 2001 and to 31.14% in 2011. Urban population to a large extent lacks access to safe sanitation. Open defecation is rampant in many cities resulting in deprived environmental sanitation. Inadequate access to sanitation is a major weakness in improving quality life of citizen across the country. Therefore, universalization of good sanitation and drainage system is a necessity to ensure improvement of community health and hygiene.

The National Urban Sanitation Policy (NUSP), led by the Ministry of Urban Development (MoUD), Government of India (GoI), provides the framework for states and ULBs to improve health, hygiene and universal sanitation facility. The ULBs are encouraged to develop City Sanitation Plans (CSPs) in alignment with State Strategy to ensure safe sanitation. The Government of India has launched the Swachh Bharat Mission (SBM) on 2nd October, 2014, with a target to make the country clean and provide universal sanitation by 2nd October, 2019. There is a need to discuss the concept of “universal access to sanitation services” in urban areas & provide an insight to achieve this mission objective.

In view of above, Regional Centre for Urban & Environmental

Studies (RCUES) of All India Institute of Local Self-Government (AIILSG), Mumbai organized a specialised training programme on “Achieving Universal Sanitation in Urban Areas – Swachh Bharat Mission” on 21st & 22nd July 2016 at Pune, Maharashtra. This training programme was fully supported by Ministry of Urban Development, (MoUD), Government of India (GoI)

### Key Objective

The key objective of this programme was to discuss the concept of “universal access to sanitation services” in urban areas & provide an insight to make the cities totally sanitized.

### Participation

Total 23 participants participated, comprising of, 13 from the state of Maharashtra and 5 from Gujarat and Rajasthan each. Participants were a mix of Mayor, vice president, elected representatives, ward officers, water supply & sanitation engineer, assistant public health officer & sanitary inspectors.

### Technical Sessions



**Ms. Utkarsha Kavadi, Director, RCUES, AIILSG, Mumbai addressing the participants**

The training programme commenced with a technical session on “Universal Sanitation – making cities ODF” by Ms. Utkarsha Kavadi, Director, RCUES, AIILSG, Mumbai. During her discussion, she emphasized on significant public

health impacts of open defecation. She revealed the sanitation scenario in Indian cities. There has been a 40% increase in the total national achievement in sanitation coverage since 2001. However, some more efforts are needed to achieve universal sanitation. She mentioned that, there are large gaps in the sanitation service chain and there is a need to adopt strategies at national level on priority basis. She further discussed on state wise access to toilets in urban areas where 18.6% population does not have toilet facility. She emphasized on the importance of individual toilets over community or group toilets as health risk increases with number of households using one toilet. Understanding the constraints in mobilising funds, she stated that, Corporate Social Responsibility (CSR) funds could be explored to build and promote individual toilets. She concluded her session by mentioning that sustaining ODF cities, eliminating & monitoring open defecation spots, construction of individual toilets and use of them are key components in achieving universal sanitation.



**Ms. Seema Redkar, Consultant & Retd. OSD, MCGM, Mumbai addressing the participants.**

Mrs. Seema Redkar, Consultant & Retd. OSD, MCGM, Mumbai spoke on community participation in achieving universal sanitation. She focused on the sanitation scenario and importance of sanitation in slums in Mumbai. She added that, though it is a great challenge, 100 percent sanitation in slums can be achieved through community participation.

She concluded her session by citing various examples of construction of individual toilets under the World Bank project.



**Ms. Pratima Joshi, Executive Director, Shelter Associates, Pune addressing the participants**

Mrs. Pratima Joshi, Executive Director, Shelter Associates, Pune talked on solutions on sustainable sanitation by citing examples from Pune. During the discussions, she stated that Pune city is leading with highest household toilets. Recently, the survey, conducted by NGO - Shelter Associates, which has been working on providing households with toilets and proper sanitation under its 'One Home One Toilet' programme, has sought urgent attention to this issue. Highlighting the situation of sanitation in slum areas, she stated that slum families either defecate in the open or are dependent on public toilets.

She added that about 90% of the city slums have a drainage connection and there would be no difficulty in connecting individual toilets to the main drainage line. Shelter Associates encouraged slum dwellers to construct individual toilets with CSR funds. Representatives from Shelter Associates promote slum residents to built individual toilets through rounds of discussions, holding Focus Group Discussions to achieve universal sanitation.



## Group Work

A group exercise was organised on second day to strengthen the knowledge as participants try to apply what they learnt in earlier part of the training. In this session, the participants were divided into three groups. A case was given to each group and they developed a plan of action to make the city totally sanitized.

On the basis of facts given, each group discussed and developed an action plan. Components such as mapping, land availability, role of ULBs, finance, septage management, awareness, etc. were considered while preparing plan by each group.

Each group presented their plan of action to achieve universal sanitation in their city. Of these groups, one group was awarded as the best performer and was given token of appreciation.

The programme concluded with vote of thanks and distribution of certificates after the group work.



## Site Visit

Thereafter, a visit was organised through the representative from Shelter Associates to Ambedkar Nagar one of the slums from Pune to understand the on-site sanitation situation. Shelter Associates' intervention in Ambedkar Nagar changed the overall picture of the slum with respect to sanitation. Rapid Infrastructure Survey (RIS), revealed that more than 80% slum people are ready for construction of individual toilets.

After intervention by Shelter Associates and Pune Municipal Corporation, majority families constructed toilets through CSR funds though these toilets are yet not in use as work for the expansion of sewage network is in process.



Glimpses of site visit

## Testimonials



**Mr. Sunil Kumar Pal, Under Secretary, Ministry of Urban Development, Government of India**

*"It was a great pleasure to attend RCUES' Mumbai's capacity building programme on Swachh Bharat Mission at Panaji, Goa today. I can see elected representatives and municipal officials taking active part in various interesting sessions organized by RCUES, Mumbai. I wish many such successful programmes in future that can help the Government in effective implementation of missions and schemes."*



**Mr. Hareshbhai Chaun, Vice President, Chotila Municipal Council, Gujarat**

*"The training programme on 'Achieving Universal Sanitation in Urban Areas' was very inspiring and interactive. We enjoyed the group activity, which was a food for thought. The sessions have provided us directions to follow once we get back to work."*



**Mr. Bipin Muddha, Chief Officer, Ballarpur Municipal Council, Maharashtra**

*"ULBs are in a sheer need of capacity building activities like the way RCUES, Mumbai conducted today on Swachh Bharat Mission at Panaji, Goa. I am happy to witness a cheerful and useful training programme that has brought me and the members of our municipal body on the same page and it is surely going to help us in implementing the mission successfully"*



**Mrs. Deepali Naik, Chief Officer, Mormugao Municipal Council, Goa**

*"I am thankful to RCUES, Mumbai for organizing such a useful capacity building programme on 'Solid Waste Management in Cities & Swachh Bharat Mission'. It was truly informative and has provided lot of clarity and ideas. Visit to Vengurla, one of the pioneer cities to become 'clean' as per SBM, was a wonderful experience. I will recommend RCUES' Mumbai's programmes to all my colleagues."*



**Mr. Mayur Vora, Managing Director, Mapro Foods, Panchgani, Maharashtra**

*"I am delighted to inaugurate RCUES Mumbai's programme on 'Open Defecation Free Cities' at Panchgani, Maharashtra. Today I have realized how vast the subject of sanitation is and what all efforts are being made at central, state and local level to address these issues under Swachh Bharat Mission. I congratulate RCUES Mumbai on organizing such a useful programme that will help all the Stakeholders in a big way."*



## On-ground Impact

### Beggar couple in Sillod constructs individual toilet under Swachh Maharashtra Mission

#### Swachh Maharashtra Mission

Swachh Bharat Mission (SBM) was launched with a vision to ensure hygiene, waste management and sanitation across the nation. As per the guidelines of Swachh Bharat Mission (Urban), all the urban local bodies have to facilitate toilets to all households having no latrine within premises and an effective solid waste management system. For its implementation, Urban Development Department (UDD), Government of Maharashtra (GoM) has launched 'Swachh Maharashtra Mission (SMM)' in Urban Areas of the state. SMMU has been strategically planned to make and sustain cities to be Open Defecation Free (ODF). In cognizance with the demand based model adopted by SMM to eradicate open defecation, the state government has directed ULBs to provide ULB level subsidy of Rs. 5000 from the 14th Finance commission funds in addition to the central and state government subsidy of Rs.12,000.

#### PAS project: Support to challenging cities by Centre for Environmental Planning & Technology (CEPT) & All India Institute of Local Self Government (AIILSG)

PAS project has been providing support to GoM in implementation of SMMU in the state towards becoming ODF. A part of this support is exploring solutions for challenging cities in the state. 'Challenging Cities' refers to cities that are facing major hurdles in becoming ODF due to their topographies, local challenges, lack of adequate water, etc. which need to be addressed strategically. Most of these cities belong to Marathwada region which have a high

percentage of open defecation, approx. 20%, which is much higher than the state average of 7%. Hence there is a need to access specific challenges faced by these cities and explore relevant solutions to help these cities achieve ODF status.

#### Case example at Sillod City (Aurangabad District)

After secondary research on challenging cities, PAS team conducted on-field visits to access ground level challenges and suggest probable interventions for the same. During the visits to individual toilets constructed under SBM at Sillod (Class B, Aurangabad district) the team encountered a beggar couple, named Shobha and Eknath staying in the Yeshwantnagar slum who had applied for toilet under SMM. They earn their living through begging and selling scrap and have a small thatched house where they stay alone.

The officials at the Sillod Municipal council (SMC) were reluctant to approve the application since there was no guarantee that they would be able to complete the toilet construction. But after few discussions, SMC decided to approve the application and sanctioned the entire subsidy amount of Rs. 13000 [Rs. 12,000 (State and Centre subsidy) and Rs. 1000 (ULB Subsidy)] to ease completion of construction. Since the subsidy of Rs. 13000 was not enough for toilet completion, they managed the remaining Rs. 5000 from their own savings and completed the toilet construction within 4 months post release of subsidy.

***Shobha and Eknath's determination towards constructing toilet in such adverse conditions provides a source of inspiration to everyone involved in the Swachh Bharat Mission.***



## Felicitation



**30, July, 2016, Mumbai**

Shri. Vinod Tawde, Hon'ble Minister for School Education, Sports and Youth Welfare, Higher and Technical Education, Marathi Bhasha, Cultural Affairs, Minorities Development and Wakf, Government of Maharashtra and Shri. Subhash Desai, Hon'ble Minister of Industries and Mines, Government of Maharashtra, felicitating Dr. Jatin Modi, Emeritus President, AIILSG, Dr. (Prof.) Sneha Palnitkar, CEO, Waste Management Resource Centre, AIILSG, Mumbai, Smt. Hansaben Patel, Advisor, AIILSG

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