

Documenting Maharashtra's SBCC journey towards safe sanitation

March 2023

CWAS CENTER FOR WATER AND SANITATION

CRDF CEPT RESEARCH AND DEVELOPMENT FOUNDATION

CEPT UNIVERSITY

Media and communication pathways...



shape opportunities for voice and choice and impact



Define access to information, media and communication influencing aspirations and behavior of the target group



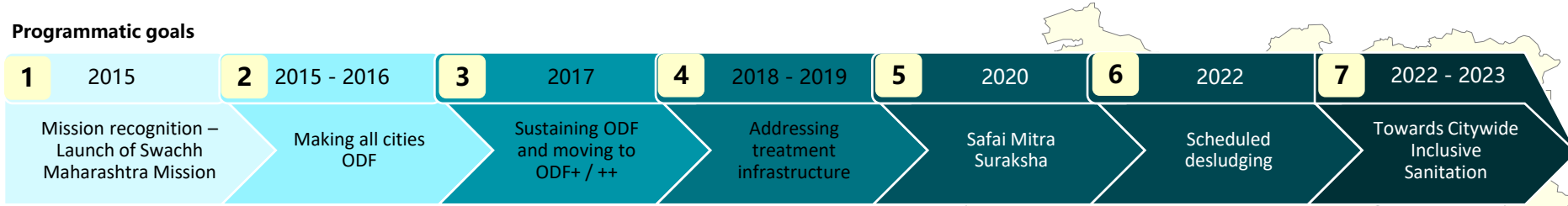
Help communities to shape norms and expectations regarding their role in the society



Provide support to improve governance and enhance respect for people's right

Maharashtra's sanitation SBCC journey reflected in its programmatic goals

Programmatic goals



IEC objectives for community

Creating a buzz and commitment from citizens for changing habits

Generating demand for own toilets - applications for toilet subsidy

Preventing roll-back to old habits

Ensuring safe practices

Awareness and demand for desludging

IEC objectives for implementers

Awareness on mission components , protocols, compliances

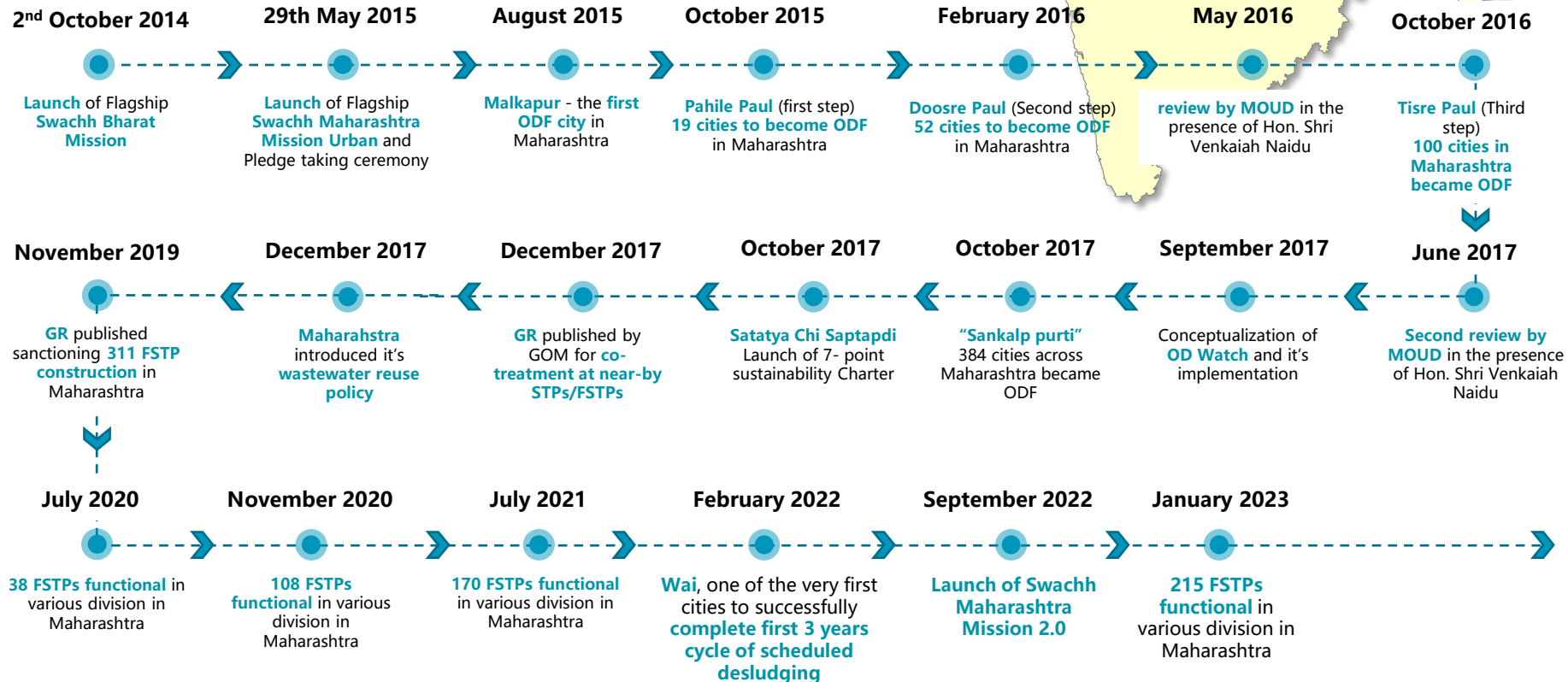
ODF declaration procedures
Championing frontrunners

Implementing 100% treatment – co-treatment and new FSTPs

Enabling safe practices

Awareness on planning for SD

Journey of Swachh Maharashtra urban



1. Mission recognition - Launch of SMM – Defining clear, long-term objectives for sanitation



Launch event - 2015

Government of Maharashtra envisaged **“ODF Communities”** moving towards **“ODF+ and ODF++ Communities”** by addressing entire service chain of sanitation and not focusing only on number of toilets constructed in the cities



Saptapadi Swachtechi -7 steps for cleanliness

Subtly invoking commitment for achievement – “seven steps as sacred as marriage vows” !

भारत सरकारचा पुढाकार
स्वच्छ महाराष्ट्र करू साकार

स्वच्छ महाराष्ट्र अभियान
सप्तपदी स्वच्छतेची

संकल्प स्वच्छतेचा

- सहभागाचा ठाम निर्धार
- व्यापक लोकसहभाग मिळवणार
- १०० टक्के शौचालयाचाच वापर करण्यासाठी प्रयत्न करणार
- कचऱ्याचे संकलन, वर्गीकरण, वाहतूक करणार
- कचऱ्यावर शास्त्रोक्त प्रक्रिया करणार
- सांडपाण्यावर प्रक्रिया करणार
- स्वच्छ व हरित महाराष्ट्र साकारणार

सप्तपदी : स्वच्छ व हरित महाराष्ट्रासाठी ...

- ✓ Widespread public participation
- ✓ Facilitating 100% toilet usage
- ✓ Wastewater treatment

1. Community facing mission recognition - Background of central govt. IEC campaigns...



Swachh Bharat Mission Urban

World's Largest Behavioural Change Urban Sanitation Campaign

As per Census 2011, India has an Urban population of 377 million (31% of the total population), out of which more than 8 million households don't have access to toilets and thus, defecate in the open. Swachh Bharat Mission (Urban) has brought the urban sanitation issue to the front line of the developmental agenda of the Central Government, for the first time.

[View More](#)

Swacchata anthem



Toilet locator



Celebrity endorsements



Pledge



1. Community facing mission recognition - Utilizing Maharashtra's unique position with celebrity endorsements

Maha Cleanathon

The #MahaCleanathon held as part of the NDTV-Dettol Banega Swachh India campaign in Mumbai saw Amitabh Bachchan, and Maharashtra Chief Minister Devendra Fadnavis pick up brooms to clean up their city.

The chief minister also vowed that Maharashtra will lead the way in solid waste management and plans to have the highest number of clean cities.



When you see someone littering. Go stop them. Tell them what they are doing is wrong. When you keep doing this repeatedly, people will change

Amitabh Bachchan

Amitabh Bachchan as face of Maha Cleanathon in Mumbai

Salman Khan as BMC's Open Defecation Free drive brand ambassador



Aamir Khan as brand ambassador of Swachh Bharat Abhiyan in Mumbai



Sachin Tendulkar as part of "Swachhata Hi Seva" campaign



1. Community facing mission recognition – implementation at city level



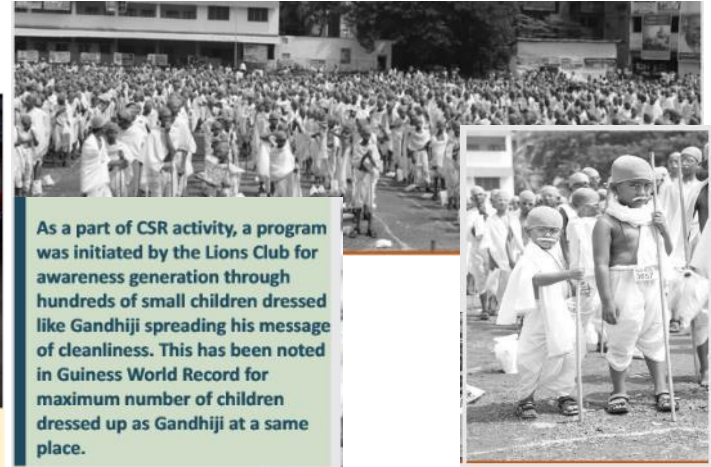
Umred, Mahabaleshwar, Panchagani: Facebook account created by ULBs to raise awareness, create buzz, receive feedback & suggestions from citizens



Umred: Facebook page of Umred ULB. Activities conducted by ULB have been posted on the page.



Karjat: Street plays have been organised by ULB, schools and NGOs to raise awareness.



As a part of CSR activity, a program was initiated by the Lions Club for awareness generation through hundreds of small children dressed like Gandhiji spreading his message of cleanliness. This has been noted in Guinness World Record for maximum number of children dressed up as Gandhiji at a same place.



Rallies by school students

Marathon and cyclothon



Swachhta Spath



Social Media Highlights at state level



Covering all forms of IEC defined under SBM guidelines

As per SBM, all the states are expected to roll out IEC interventions in the following manner-

Operationalization of state level BCC/IEC activities

- **Mass media:** percolation of IEC advertisements through TV/ radio/ community radio etc.
- **Mid Media:** Use of local or traditional form of communication approach such as wall paintings, road show, street theatre etc.
- **Social media:** regular activity on facebook and twitter regarding state level SBM activities
- **Regular felicitation** of local champions at the State level
- **Local celebrities** for State level Swachhata promotion

1. Implementor facing mission recognition – defining steps for implementation



Mission structure and components

A G.R. was released on **25th July 2015** on ODF Maharashtra-

- To make cities ODF by providing IHHT, nearby CT/PT & conducting survey of HH without IHHT.
- To start PIU and its work.
- To obtain IHHT to each HH's for which funding distribution, IEC, land availability, form of structure.
- Availability of CT/PT, its distance, fund distribution & legal procedure for construction

Approach in Maharashtra

Guidebook to all ULBs on city level approach to becoming ODF Declaration procedures

Clear definitions

First state to define ODF, ODF+, ODF++

Key messages

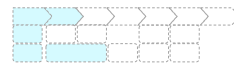
- ✓ What are the mission goals?
- ✓ How are the objectives technically defined?
- ✓ How to achieve the objectives?
- ✓ What are the compliances?

ODF, ODF+, ODF++ Framework

| | | | | | |
|--------------|--|--|--|--|-----------|
| ODF | | | | | 100% |
| ODF+ | | | | | >80% <20% |
| ODF++ | | | | | >95% <5% |



1. Implementor facing mission recognition – capacity building for implementation



Mission launched with Regional Workshops

Regional workshops led by Hon. Chief Minister were conducted which aimed at triggering the city level activities by briefing all the ULBs about targets envisaged and their responsibilities to achieve the same. Presidents and Chief Officers of all the ULBs participated in these workshops.

Division and District Level Reviews and Workshops

In November 2016, 123 new urban local bodies were formed. Rigorous orientation sessions for these ULBs were conducted. With proper guidance these ULBs in a very short duration have made efforts to declare ODF on 02nd October 2017

City Level Reviews and Trainings



Workshops were conducted for cities that have become ODF to share strategies and ideas for sustaining the status and enable cities to move towards ODF+ and ODF++ with septage management plans.

2. Becoming ODF - Key objectives



Households without toilets apply for **toilet subsidy and construct IHHT**



Cities declare ODF status and are verified



All toilets have **safe containment** or are connected to **safe disposal system**



Adequate **public toilets** are available for **floating population** at appropriate locations



2. Becoming ODF – community facing messages

Key messages

- ✓ Stop OD for health and dignity
- ✓ Construct individual household toilets – Avail subsidy – submit application
- ✓ Construct good quality toilets

1. Ill effects of OD



2. Fines for offenders



G.R on Good Morning Pathak 18th May 2017

3. Good Morning Pathak – Catch OD

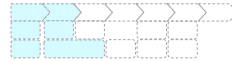


Monitoring squads make daily morning and evening rounds. Offenders were caught, counselled and application forms were distributed to them. Cities posed fines on offenders. Generally led by the elected representatives, chief officers, municipal officials and volunteers.

4. Name and shame



2. Becoming ODF – community facing messages



Key messages

- ✓ Stop OD for health and dignity
- ✓ Construct individual household toilets – Avail subsidy – submit application
- ✓ Construct good quality toilets

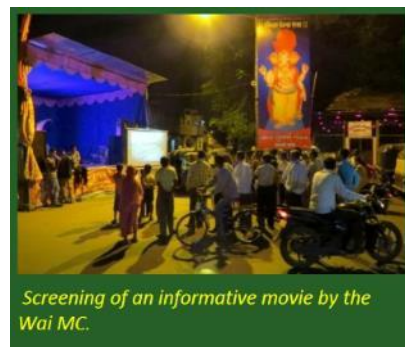
1. Apply to avail toilet subsidy

2. Idea of toilet loans

Exploring sanitation credit options for meeting the gap of funds for construction of toilets
Self help groups mobilized for SHG loan in Jalna Toilet and lender fair in Wai, Sinnar



3. Toilet and lender fair



Screening of an informative movie by the Wai MC.

चिपळूण नगर परिषद
स्वच्छ भारत अभियान २०१५ ते २०१९

वैयक्तिक शौचालय बांधणी योजना

संडास नसणाऱ्यासाठी चासनातर्फे
संडास बांधण्यासाठी ₹२००० रु. अनुदान मिळे.
नागरिकांनी योजनेत सहभागी व्हावे.

चिपळूण नगर परिषद, चिपळूण
जाहीर आवाहन

'स्वच्छ महाराष्ट्र अभियान' (नागरी) अंतर्गत शौचालय बांधणी कार्यक्रम शहरी भागात राबविण्यात येत आहे. तरी नागरिकांना वैयक्तिक शौचालय, सामुदायिक शौचालय बांधणे कामासाठी एकूण ₹२०००/- मात्र अनुदान वेळ शासन व राज्य शासनाकडून अनुभवे राहिल, तरी इच्छुक नागरिकांनी अर्ज दिनांक २५/०६/२०१५पर्यंत चिपळूण नगर परिषद कार्यालयात सादर करावेत, असे जाहीर आवाहन करण्यात येत आहे.

मुख्याधिकारी
चिपळूण नगर परिषद

अध्यक्ष
चिपळूण नगर परिषद

2. Becoming ODF – community facing messages and implementor approach



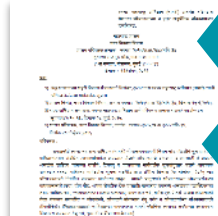
Key messages

- ✓ Stop OD for health and dignity
- ✓ Construct individual household toilets – Avail subsidy – submit application
- ✓ Construct good quality toilets

1. Beneficiary led construction of good quality Individual Household Toilets

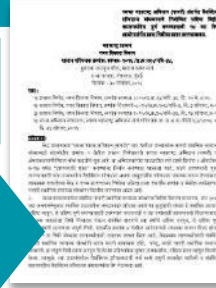


“ We had never even imagined such a well constructed toilet in our *kaccha* house. But the substantial government subsidy provided in Maharashtra allowed us to have a good, permanent toilet, which is not less than pride for us.”



Prefabricated toilets discouraged
G.R released on 1st December 2016

Another G.R. was released on 20th November 2015 Regarding usage of material



Additional funding

G.R released on 30th November 2016 for using 50% of 14th FC funds by the ULBs, along with 5000 rs. From local funds to achieve IHHT construction target across Maharashtra

3. Mason and contractor training



2. Encouraging good quality construction techniques



Gadhinglaj: Banner depicting ULB subsidy, along with directives to use deep slope toilet pan which consumes less water, provide water storage tank and wash basin in toilets and wash hands after toilet use.



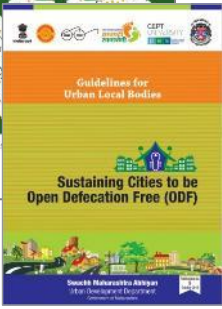
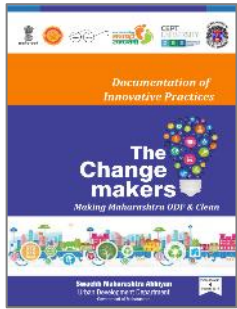
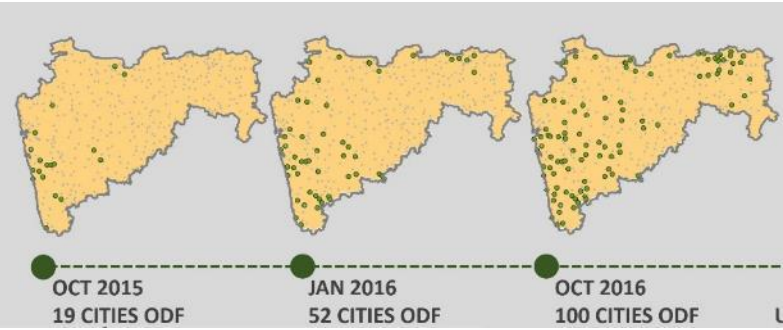
- Ideas on good quality construction
- Sharing drawings for proper septic tank and toilet
- Material distribution by rotary club



2. Becoming ODF – championing achievers



1. Documenting journeys of achiever cities as models



2. Felicitating achiever cities



2. Recognizing champions as "Swachhata Doot"

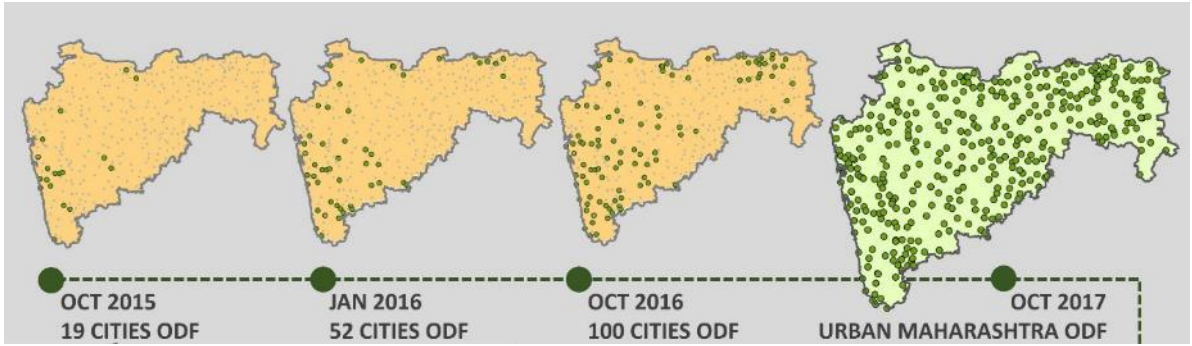


Swachhata Doot, who took a loan to construct toilet

Mangalvedhe: Mr. Kharbade appointed as 'local brand ambassador'. He volunteered to help ULB officials in conducting the GMP. Due to his involvement, GMP were more efficient and were conducted on a regular basis. He has been appointed as a 'Swachhta Doot' and was also felicitated for the same.



With these efforts ... becoming ODF



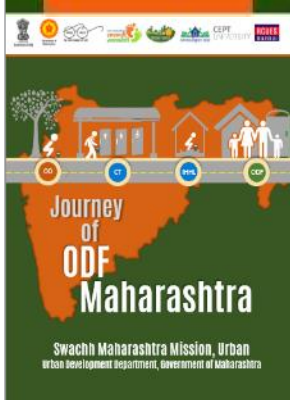
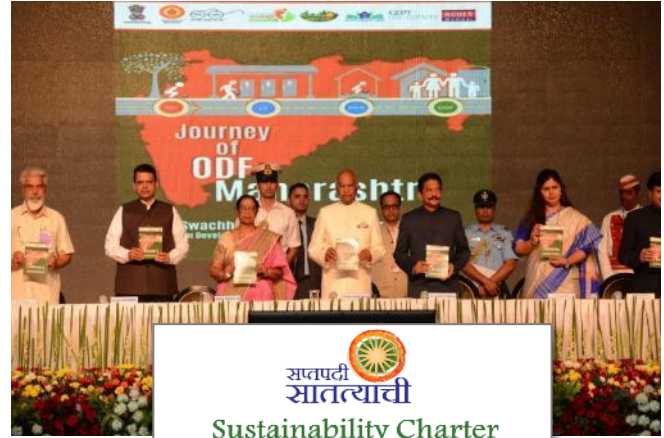
49% population of Maharashtra

384 cities 27 Municipal Corporations
229 Municipal Councils
128 Nagar Panchayat

5 lakh+ Individual HH toilets constructed (Sept. 2017)

1 lakh+ Individual HH toilets under construction (Sept. 2017)

12,000+ Community toilet seats constructed (Sept. 2017)



सप्तपदी सातत्याची
Sustainability Charter

We are committed towards the vision of Swachh Bharat. We shall ensure ODF sustainability in Maharashtra by:

1. Achieving universal access to Individual Household Level Latrines (IHL), which is a leading development priority.
2. Ensuring adequate, clean and reliable access to public/community toilets across urban Maharashtra, wherever IHL are not possible.
3. Ensuring ODF sustainability through effective participation of government, elected representatives, schools, donors, implementers, NGOs, SHCs, ODCs and the community.
4. Continuing and institutionalizing rigorous ODF validation and monitoring process through "OD Watch" and "ODF sustainability tracker".
5. Auditing the performance of community/public toilet and encouraging development of ODF spots into usable public spaces.
6. Recognizing and awarding sustained performance.
7. Moving towards ODF+++ by ensuring effective collection and adequate treatment of human fecal waste.

Mr. Devendra Fadnis
Chief Minister, Maharashtra

3. Sustaining ODF – community facing – background of IEC efforts by central govt...

Preventing slippage into old habits...

Darwaza Band for open defecation

Darwaza Bandh campaigning organized by Ministry of Drinking water and sanitation in 2017 under Swachh Bharat Mission in the presence of iconic actor **Mr. Amitabh Bacchan, Chief Minister of Maharashtra Shri Devendra Fadnavis**, Secretary and other Centre and State dignitaries in **Mumbai**.

The campaigning was **supported by World Bank** and successfully rolled out across India.

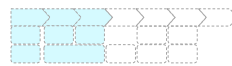
The campaigning was conducted to **encourage behaviour change of men** who do not use toilets despite of having them.

MDWS had chosen Maharashtra to launch this nationwide campaigning.

Maharashtra had been highly congratulated in this event for **becoming 80% open defecation free**.



3. Sustaining ODF – community facing



1. Declaring ODF status and urging citizens to maintain it



Mowad: Updated banners post validation by Central government appealing to citizens to maintain the status.



Gadhinglaj: Updated banner depicting that the city is now ODF; and not to defecate in open, else fine shall be levied.

2. Conversion of old OD spots into public spaces



3. Mission OD watch

Continue Good Morning Pathaks as OD watch



Key messages

- ✓ Use your new toilets
- ✓ Do not go back to OD
- ✓ City has become ODF - Need to maintain status

the ODF status is the responsibility of the citizens. appealing to citizens to maintain ODF status.

Key objectives of ODF++ Maharashtra

● Institutionalizing Citywide Inclusive Faecal Sludge and Septage Management

● Safeguarding Sanitation Workers

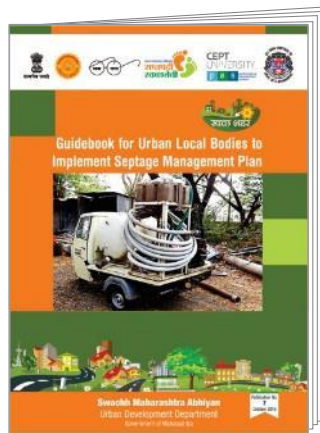
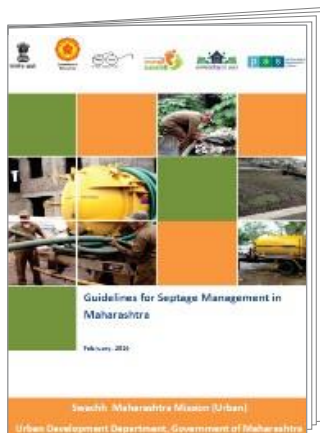
● Engaging women across Sanitation value chain in Maharashtra

● Sustaining FSSM services in Maharashtra at scale



While ODF efforts were ongoing, communications on

“beyond toilets” right from beginning



Sustainability by “moving towards ODF+/++” through effective collection and treatment

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- #6. Recognizing and awarding sustained performance
- #7. Moving towards ODF+/++ by ensuring effective collection and adequate treatment of human fecal waste

Mr. Devendra Fadnavis
Chief Minister, Maharashtra

Training and capacity building for ODF+/++

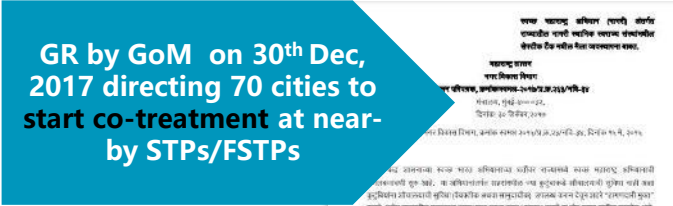
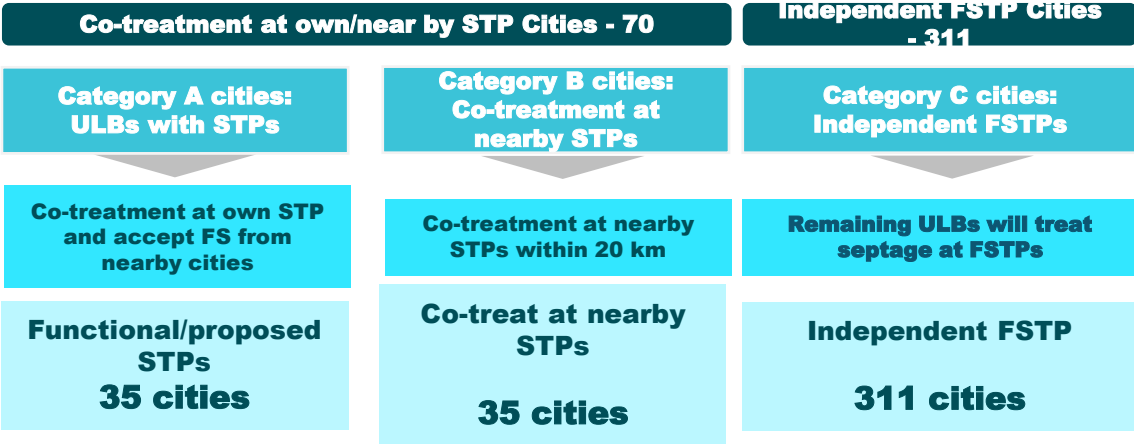


4. Addressing treatment – state govt to city govt communication

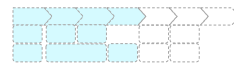
A two pronged for scaling up FSSM service in Maharashtra

A co-treatment strategy was taken up by GoM, which says all the cities who do not have treatment facilities and located within a radius of 30 km from a nearby STP with surplus capacity can co-treat their faecal waste there.

Rest cities with no treatment plants and fully dependent on on-site sanitation are required to construct their own FSTPs.



4. Addressing treatment – state govt to city govt communication – communications for facilitating FSTP construction



1. In the GR



- ✓ Which cities?
- ✓ What capacity?
- ✓ Construction specifications
- ✓ Materials and costing
- ✓ Design drawings

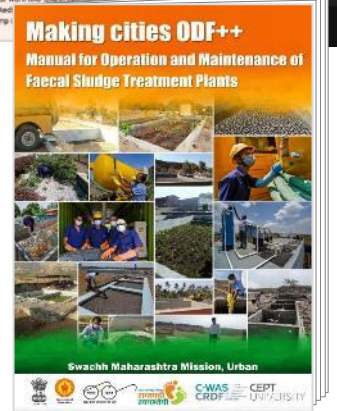
2. Hand holding and technical support

- ✓ Training workshops
- ✓ During construction – sharing videos and resolving technical queries
- ✓ Dos and donts of construction



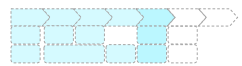
3. Regular progress review meetings to track the FSTP progress

| Sr. No | ULB Name | Chief officer | Status as on 09/04/2021 | Status as on 28/04/2021 |
|--------|----------|----------------------|---|---|
| 1 | Shrempur | Mr. Ganesh Shinde | Treat Tanks, Tank installation and ECU unit installation required. | ECU Unit and Tank installed. Awaiting photos and operational video for the same. |
| 2 | Haleganj | Mr. Raju Khairnar | ECU unit installation remaining. | Plumbing work going on for all chambers and units. Filter media, Plants, ECU remaining. (Slow Progress- Same status since 3 months) |
| 3 | Patharji | Mr. Dhanraj Kulkarni | Electricity line, ECU, Filter Media and Tanks installation remaining. | Labour unavailability due to COVID. Will resume work as the lockdown gets over. (Slow Progress- Same status since 8 months) |
| 4 | Chalgaon | Mr. Vikas Nivale | Under Construction | Security completed civil work. Sewer work like odour and red line marking remaining. Filter Media Tank installation, Plants, motor pumps remaining. |



4. Manual for O&M of FSTP

5. Safai mitra Suraksha for the safety of sanitation workers



Safaimitra Suraksha was unveiled on 19th November 2020, with the vision of encouraging cities to mechanise their sewer and septic tank operation and prevent conventional hazardous practice by sanitation workers which causes death.

1. Resource materials to guide sanitation workers and managers



2. Sanitation worker trainings and health camps in some cities



3. 14420 hotline to report unsafe practices



4. Distribution of PPE-stressing on use during COVID



PPEs such as masks, gloves, aprons & safety goggles have been provided to them.



NMMC gives training to Safai Mitras from Kalyan-Dombivali and Bhiwandi Municipal Corporations



Kolhapur, Maharashtra, India

6. Addressing desludging



Advocating case of Wai for inclusive scheduled desludging (1/2)



In 2022, Wai City successfully completed its first 3-year cycle of **Citywide Inclusive scheduled desludging**

3600+

Septic tanks served

6800+

Properties covered

95%

Acceptance rate of services

19 million

Liters of septage treated



1. House to house visits – interpersonal communication about the new service being provided by WMC.



3. SMS sent to property owner 2 days prior to scheduled service. Households are expected to be ready with their access covers open



Scheduled emptying for your septic tank is due on 18/11/2018. Please be ready at home. For more info call: Phone number. Help us in making Wai a clean and healthy city.

2. Wall paintings and banners across the city announcing the service and its benefits



Advocating case of Wai for inclusive scheduled desludging (1/2)



Remember!

| | | |
|---|---|--|
| ✓ Service is available to each household once every 3 years | ✓ Contractor will visit between 7 am and 5 pm. Be present at home and ready! Keep Septic tank cover open for visit | ✗ When constructing new septic tank, do not seal cover and give proper access |
| Contractor will call 2 days before scheduled visit | ✗ No one should enter tank! Manual scavenging is prohibited by law | ✓ Leave 2 inches of sludge when emptying |
| ✓ Cleaner should be wearing proper safety gear • Helmet • Safety goggles • Mask • Suit with apron • Rubber gloves • Torch • Gum boots | ✓ After emptying sign the receipt given by contractor | ✗ No payment is to be done to the contractor |
| ✗ There should not be any spillage or damage to septic tank | ✗ There should not be any spillage in the city or disposal in drains | ✓ Septage should only be disposed at designated treatment plant |

4. Pamphlet distributed to households explaining what to expect on the scheduled day of service.

Wai Nagarpalika
 has devised a unique
“Scheduled Emptying of Septic Tanks scheme”

A first of its kind in the country, under which septic tanks of each and every property of the municipal council will be emptied at least once in every 3 years

You clean your septic tanks only when it overflows...But are you aware of the side effects of not cleaning it periodically?

Sewage backflow

Foul odours

Dampness in floor and walls near the tank

Unsettled sewage flowing in effluent drains

Septic tank should be emptied every 3 years Avail Nagarpalika services to empty!

And the good news is...
Nagarpalika will get in touch with you regarding your turn for emptying as per schedule and you do not have to pay for this.

DON'T MISS YOUR TURN . . .

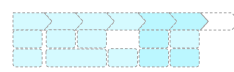
Wai Nagarpalika

वाई नगरपरिषद
“सेप्टिक टँक कालबद्ध रीतीने स्वच्छ करण्याची योजना”

सिन्नर नगरपरिषद
“सेप्टिक टँक कालबद्ध रीतीने स्वच्छ करण्याची योजना”

5. Short animated movie explaining the process was circulated on Whatsapp. The movie also contained a message from the Chief Officer of WMC

6. Increasing awareness towards FSSM in citizens – Implementing Malasur campaign



Key Objective: Increase awareness pertaining to FSM practices across the sanitation value chain, heighten risk perception and build a sense of significance on FSM amongst the citizens.

Key Messages:

- Every toilet to be connected to onsite sanitation or sewerage network
- Desludging the septic tank every 3 years
- Practicing safe management and treatment of septate for every urban toilet
- Ensuring reuse of treated water and sludge for various permissible purposes

IEC Tools and Platform: The campaign was rolled out in an integrated manner with multiple communication platforms creating a surround visibility and reinforcing each other. These included;

- IPC tools (Leaflets)
- Outdoor Media (Hoardings, Wall Paintings, CT/PT Branding, Lollipops)
- In-transit platforms (Van Branding, Auto Branding)
- Mid-media (Miking, Street Theatre)
- Digital (Cinema Slide, Animation Film, GIF, Social Media)



Maharashtra

The Principal Secretary of Maharashtra had advised all 396 ULBs to implement Malasur. With technical support from CEPT university, it was launched by the Kolhapur Municipal Corporation and Satara Nagar Parishad and implemented between January – April 2021. Platforms included social media, billboards, wall paintings, posters and banners, branded desludging vehicles, branding of community and public toilets. It was then scaled up to more than 250 cities. The ULBs also emphasized the significance of scheduled desludging of septic tanks and prohibition of manual scavenging.

1. Awareness material used on Desludging Vehicles



Kolhapur



Parbhani

2. Awareness material used on Community Public Toilets



Independent efforts

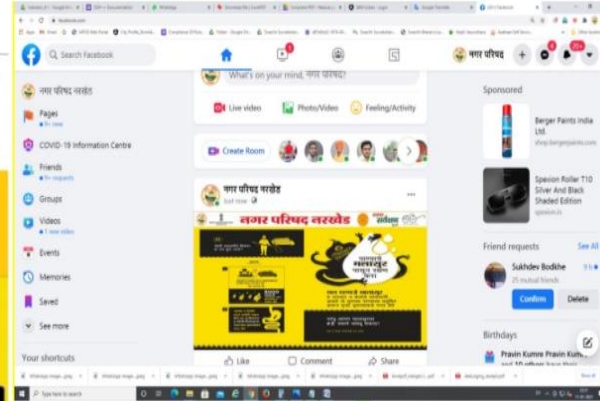


Ichalkaranji

3. Awareness Material used through Social Media



Pictorial Evidences of Awareness campaign implemented in the ULB



Narkhed

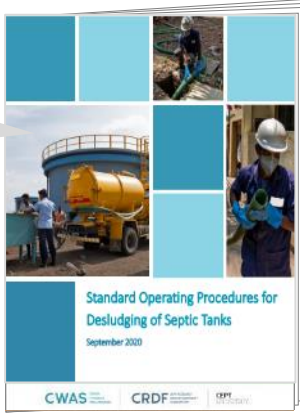


Teosa : Awareness through Facebook

6. Desludging procedure for implementors

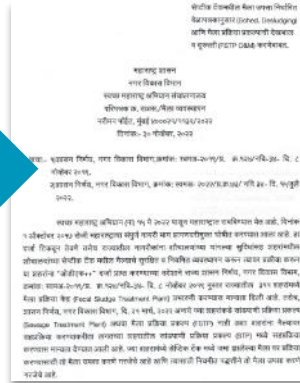
1. Standard operating procedures for desludging

- ✓ Procedures during and after desludging
- ✓ Discharge at treatment facility
- ✓ Record keeping
- ✓ Precautions and Emergency Preparedness
- ✓ How to plan for scheduled desludging?



2. Institutionalizing scheduled desludging

Circular on scheduled desludging and FSTP O&M



7. Moving towards CWIS

Hon'ble CM and DCM, Government of Maharashtra passed a resolution on achieving Citywide Inclusive Sanitation during the launch of Swachh Maharashtra Mission 2.0. . .



8. Achieving City Wide Inclusive Sanitation and Safai Mitra Surakshit Sheher through convergence with the scheme/program as well with the inter-department coordination.

स्वच्छतेचे अष्टमार्ग

अभियान कालावधी ऑक्टोबर २०२१ ते ऑक्टोबर २०२६

संकल्प स्वच्छतेचा

१. घरगुती/कुटुंब स्तरावर कचऱ्याचे विलगीकरण
२. १००% घरोघरी घनकचरा संकलन
३. १००% कचऱ्याचे शास्त्रशुद्ध पद्धतीने व्यवस्थापन व लॅण्डफिलिंग
४. जुन्या साठलेल्या कचऱ्यावर प्रक्रिया आणि त्या ठिकाणाचे हरित क्षेत्रामध्ये रूपांतर
५. निर्धारित वेळापत्रकानुसार मैला व्यवस्थापन तसेच वापरलेल्या पाण्याची विलेवाट लावण्या करिता १००% सुरक्षित संकलन, वहन, आणि प्रक्रिया करणे
६. वैयक्तिक घरगुती शौचालय
७. आकांक्षीत सार्वजनिक शौचालये
८. आंतरविभागीय अभिसरण उपक्रमाद्वारे शाहरव्यापी सर्वसमावेश स्वच्छता आणि सफाई मित्र सुरक्षित शहर बनवणे

SBM 2.0 – not just “Garbage Free Cities”

Shri Eknath Shinde

Hon'ble Chief Minister, Maharashtra

Resolution for cleanliness

“

Under Swachh Maharashtra Mission (Urban) 2.0, Government of Maharashtra envisages moving from “ODF Cities” to “ODF++ or Water+ Cities” and “Garbage Free Cities” by addressing entire service chain of sanitation and solid waste management.

”

30 September 2022



Eligible Components



Setting up Sewage Treatment Plants (STPs)/ STP-cum-FSTP



Procuring mechanical equipment for sewer/ septic tank cleaning and desludging



Interceptor and diversion drains (I&D) for the length of main network connecting habitat areas to the proposed STP



State funded component: Sewerage network / Strengthening municipal drains

Approved projects and funding

- ✓ Sewage Treatment Plants - for 358 cities (1656 MLD)
- ✓ Interceptor and diversion drains - for 368 cities (1823 kms)
- ✓ Desludging vehicles - for 368 cities (479 vehicles)



Mission Components



Expected outcomes

✓ **GFC ★★★**
All cities

✓ **ODF+**
All cities

✓ **ODF++**
Cities with less than 1 lakh population

✓ **WATER+**
50% of the cities with a population of less than 1 lakh

THANK YOU

CWAS CENTER FOR WATER AND SANITATION

CRDF CEPT RESEARCH AND DEVELOPMENT FOUNDATION

CEPT UNIVERSITY

About us

The Center for Water and Sanitation (CWAS) is a part of CEPT Research and Development Foundation (CRDF) at CEPT University. CWAS undertakes action-research, implementation support, capacity building and advocacy in the field of urban water and sanitation. Acting as a thought catalyst and facilitator, CWAS works closely with all levels of governments - national, state and local to support them in delivering water and sanitation services in an efficient, effective and equitable manner.



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