

Engaging SHGs and their federations in sustaining sanitation improvement in Maharashtra



Acknowledgements

The Swachh Bharat Mission has successfully achieved open defecation free cities and aims towards achieving safe conveyance and treatment of waste. Government of Maharashtra launched “Swachh Maharashtra Mission Urban (SMMU)” , in alignment with the Swachh Bharat Mission (Urban), of Ministry of Urban Development, Government of India. The SMMU has developed strategic components to ensure coverage of sanitation facilities to all ULBs in the state. This is being done through financial and programmatic support to households and ULBs for community and/or household level sanitation. It is heartening to note that the state is performing extremely well and making an impact on millions of lives.

The Swachh Maharashtra Mission strategy envisages converging the sanitation aspects with the livelihood opportunities. With SBM providing new infrastructure creation in cities, there emerges a compelling requirement for developing skilled human resources that support its operations, management, and maintenance in a sustainable manner. The Deendayal Antyodaya Yojana-National Urban Livelihoods Mission (DAY-NULM) under the aegis of MoHUA, envisages creation of livelihood opportunities for the urban poor. The SBM- NULM convergence in Maharashtra recognizes the huge opportunity linked to livelihood creation for urban poor, especially for women (eligible under the NULM), and sanitation workers who are the most stigmatized and excluded populations of the country.

This document is prepared by Center for Water and Sanitation (CWAS), CRDF, CEPT University, and Urban Management Centre (UMC) as an effort to strengthen SHGs engagement in sanitation activities in Maharashtra. This study includes broad landscape of DAY-NULM status and ongoing efforts in Maharashtra, assessment visit to three cities and stakeholder consultation with NULM and SMMUA department of Maharashtra. The findings from this study will help develop state strategy and action plan for strengthening SHG engagement in sanitation activities. The team is thankful to the immense support of the Directorate of Municipal Council, Maharashtra, Govt. of Maharashtra- Urban Development Dept and Swachh Maharashtra Mission for Urban Areas.



Section overview –

- This section explains briefly about the need, aim and framework for the SBM-U and DAY-NULM convergence elaborating on the national level initiatives

Contents

- 1 SBM – U and DAY-NULM Convergence and of Maharashtra**

- 2 Overview and Scope of the Study in Maharashtra**

- 3 Observations and Learnings from the 3 City Visits**

- 4 Possible engagement of SHGs across Sanitation value chain**

- 5 Suggested Strategies at the State Level**

- 6 Way Forward**

Aim of the National Urban Livelihoods Mission is

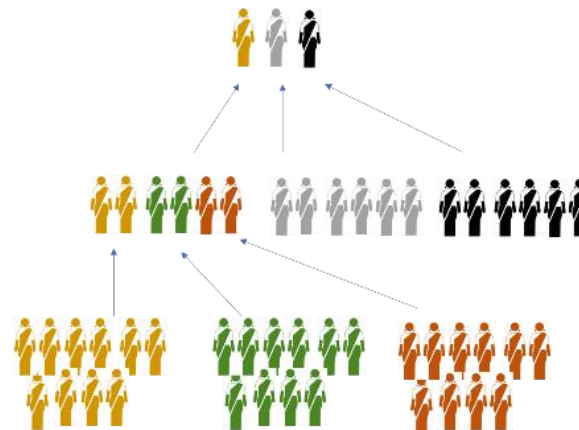
“To reduce poverty and vulnerability of urban poor households by enabling them to access gainful self-employment and skilled wage employment opportunities, through building strong grassroots level institutions of the poor ”

Building Community Institutions: SHGs and their Federations

City Level Federation
10-12 ALFs

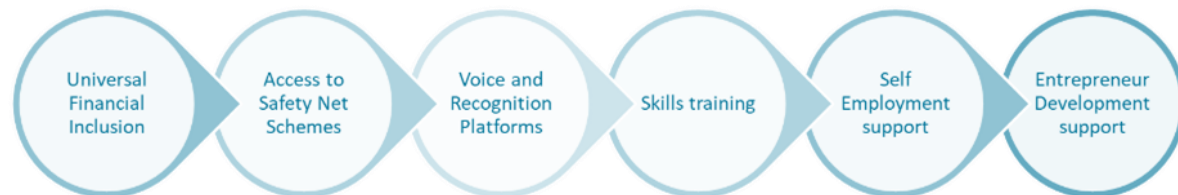
Area Level Federation
10-15 SHGs

Self Help Groups
10-20 members



Have sub committees that focus on education, loans and sanitation

Women groups and/or Male groups can be formed for vulnerable occupations

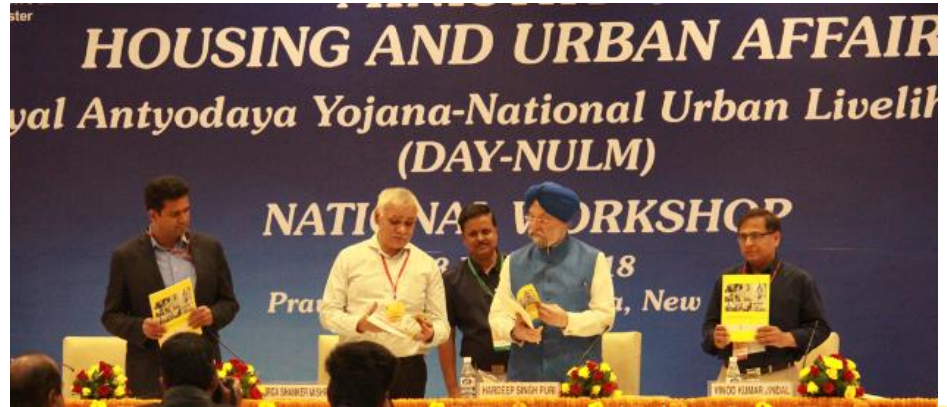


Convergence Guidelines by MoHUA

The Ministry of Housing and Urban Affairs (MoHUA) published the DAY-NULM and SBM convergence guidelines

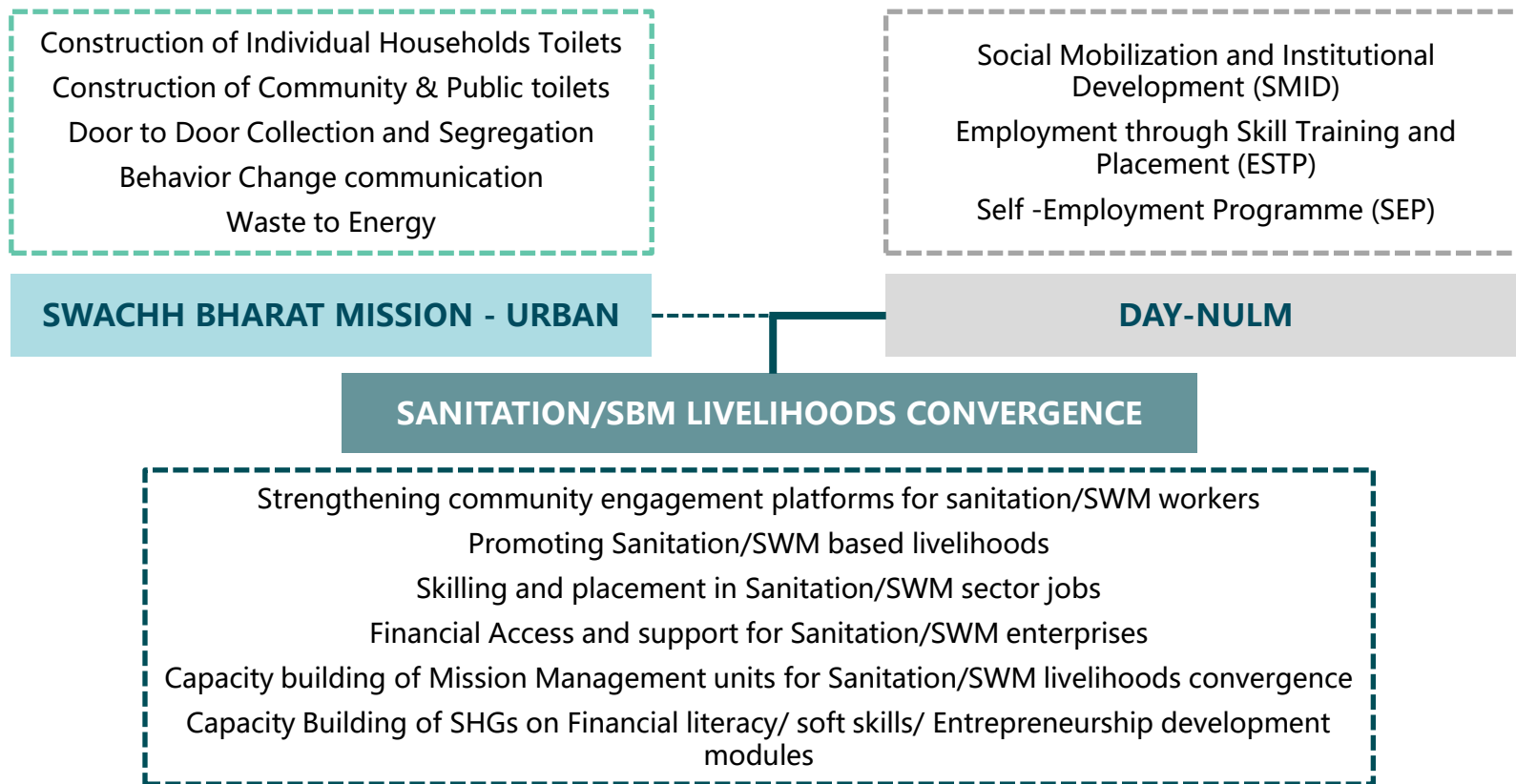
“Empowering Marginalized Groups - Convergence Between SBM and DAY-NULM”- March 2018, for the implementation of the program.

The guideline outlines how infrastructure and operational structures specific to each of the two missions may be utilized to achieve dual objectives.



Source : MoHUA, *Empowering Marginalized Groups - Convergence Between SBM and DAY- NULM*, March 2018

Framework for convergence



Source : MoHUA, Empowering Marginalized Groups - Convergence Between SBM and DAY- NULM, March 2018

How can NULM components help sanitation work?

DAY-NULM Components	Convergence Elements
Social Mobilisation and Institutional Development (SMID)	<ul style="list-style-type: none">• Formation of SHGs/Common Interest Groups of sanitation workers and hence extending all safety net benefits to them• Formation of sanitation sub-committees at ALF levels• Using SHG savings for loans for construction of IHT
Self-Employment Program (SEP)	<ul style="list-style-type: none">• Support for enterprise creation for sanitation workers (business plan preparation, accessing loans, contractual modalities with ULBs), enhancing financial literacy• Support sanitation enterprise creation
Skill development and training (ESTP)	<ul style="list-style-type: none">• Support the SHG members of sanitation workers in fresh skilling for various livelihoods or upscaling their existing skill sets through Recognition of Prior Learning (RPL)• Conducting trainings for sanitation workers based on the standard training materials developed in the form of QP-NOS to engage workers in operations of STP and FSTP and other sanitation related occupations

Source : MoHUA, Empowering Marginalized Groups - Convergence Between SBM and DAY- NULM, March 2018

Initiatives by DAY-NULM (National level) towards convergence

1. Swachhta Excellence Awards and City Livelihood Awards

Ministry level initiative to recognize the efforts of ALFs and CLFs who had engaged in sanitation-based livelihoods for encouraging city's SHG enterprises in sanitation infrastructure

- In 2018-19, 3 ALFs (Area Level Federations) and 1 CLF (City Level Federation) of Maharashtra were awarded for their work in sanitation activities.**

City/ULB	ALF/CLF	ALF/CLF Name	Rank
Vasai Virar	ALF	Saksham Basti Sattar Singh	1
Vasai Virar	ALF	Yougandhara Basti Sattar Sangh	2
Mira-Bhayandar civic council	ALF	Sant Tereja ALF	3
Vasai Virar	CLF	Aakanksha Shehar Sattar Sangh	2

Awards are proving positive incentives for ULBs to promote convergence led activities

2. Advisory to form SHGs of Sanitation workers and other such vulnerable groups in 2018

States are advised that out of their annual group formation target, 10 percent should be allotted to formation of such groups.



Section overview –

- This section explains landscape of SHG engagement in Maharashtra
- Scope and methodology of the study is also elaborated in this section.

Contents

- 1 **SBM – U and DAY-NULM Convergence and of Maharashtra**

- 2 **Overview and Scope of the Study in Maharashtra**

- 3 **Observations and Learnings from the 3 City Visits**

- 4 **Possible engagement of SHGs across Sanitation value chain**

- 5 **Suggested Strategies at the State Level**

- 6 **Way Forward**

Government Resolution (GR) 2004 – 05 passed by Maharashtra State

Few salient features of the GR are as under:

- Appealed the ULB to **link SHGs with ULB level contracts**
- Advised ULBs to relax some of the rules and regulations to make the clauses pro-poor and enable SHGs access such contracts.
- **ULBs should consider SHG members, not as individual workers, but as individual households** and on household income.
- In cases where SHGs have availed a loan, **ULBs can have direct linkages with the banks** to repay the instalment amount.

Hirkarni Awards - State level Awards

- At Maharashtra State level, in 2018, under the '**Hirkani Maharashtrachi**' scheme, women SHGs were encouraged to pitch their business plan at the taluka level.
- **Ten groups** were selected at Taluka level and **five SHGs** at the district level were awarded Rs.50,000 and Rs.2 lakh, respectively to each SHG to take their ideas forward.

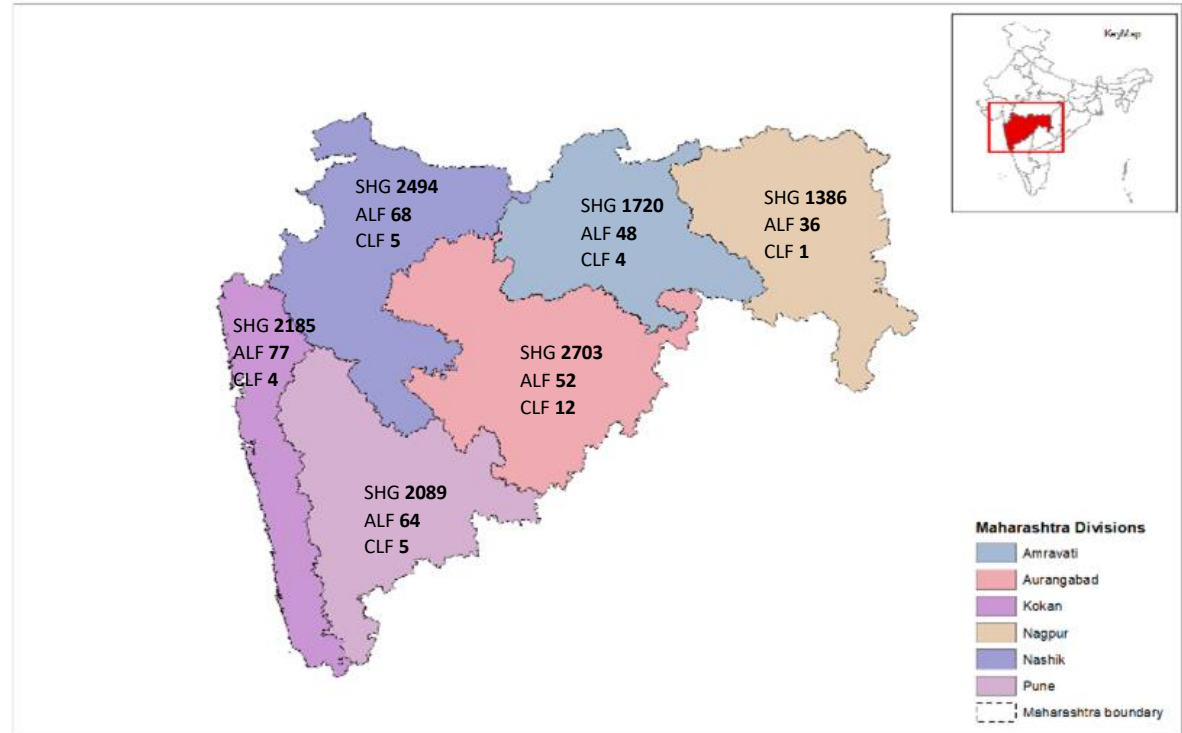
Overview of SHGs in Maharashtra

1. Total SHGs – **59,899**
2. Total ALFs – **2,524**
3. Total CLFs – **147**
4. No. of SHGs given RF – **48,338**
5. No. of ALFs given RF – **1,879**

Source : Retrieved from DAY-NULM MIS as on 14/7/2020

1. Increase in formation of SHGs, ALFs and CLFs during the period - 02/01/2019 -21/02/2020
2. SHGs – **12,577**
3. ALFs – **345**
4. CLFs – **31**

Source: Data shared by State Mission Management Unit, Maharashtra



Maharashtra's Performance-in SPARK 2018-19

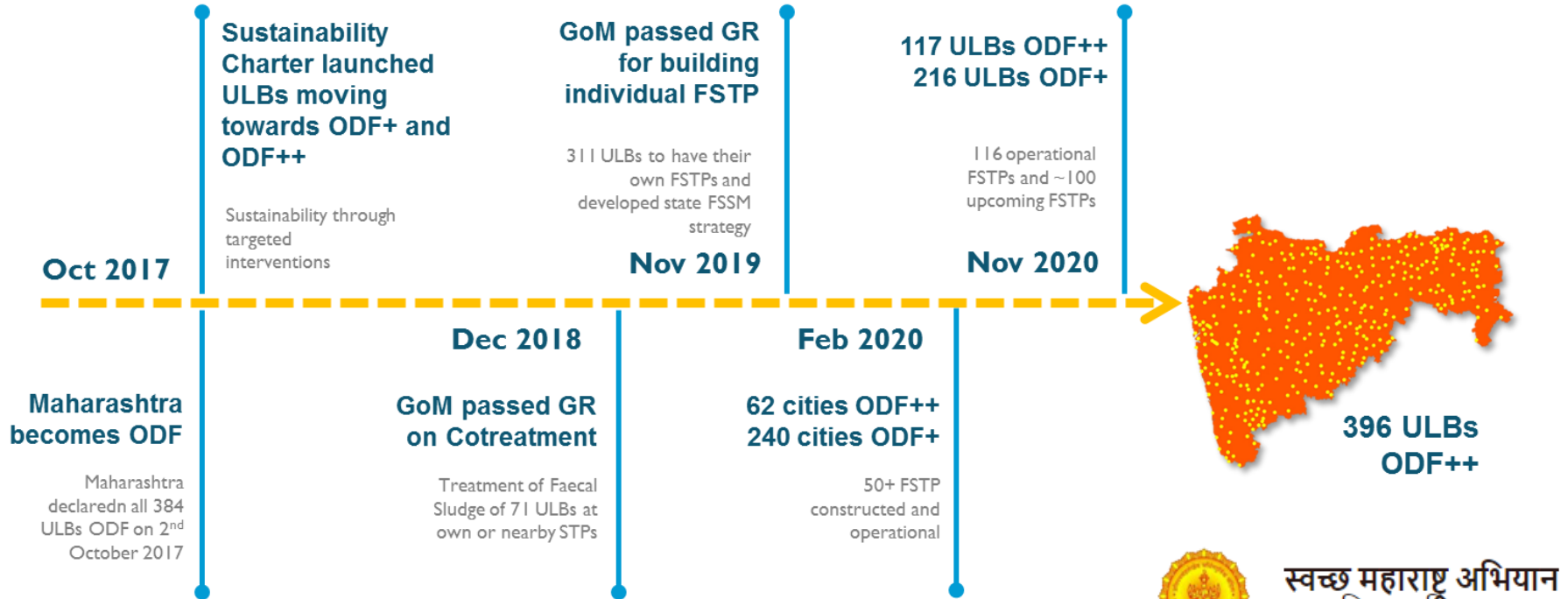
NAME	INDICATORS OF SMID	% ALLOTTED	MAHARASHTRA
Self Help Groups (35%)	No of SHG Formed Vs Target	10	5.22
	Revolving Fund Disbursed Vs Target*	10	4.31
	No. of SHGs trained Vs SHG Formed	10	5.81
	No of SHGs engaged in income generation activity Vs SHG Formed/Revived	5	5
Area Level Federations (35%)	% of SHGs organized into ALFs (cumulative)	10	3.89
	Revolving Fund Disbursed Vs Registered ALF*	10	10
	No. of ALFs Trained in this FY Vs ALF Formed (Cumulative)	5	1.34
City Level Federations (10%)	% of ULBs with at least one CLF	10	3.98

Maharashtra holds

- **Eight position** in overall NULM parameters
- **Fourth position** in SMID parameters
- High performance for SHG formations
- Good performance of SHGs in initiating livelihood enterprises.
- state needs to focus on organizing ALFs and CLFs of the SHGs
- Best performance in RF distribution of existing ALFs
- Poor performance in training these ALFs by ROs

Source: DAY-NULM website (<https://nulm.gov.in/>) as of 07/03/2020

Overview of sanitation progress – Urban Maharashtra (1/2)



Maharashtra ranks **No. 1** in having maximum ODF+ Cities and **No. 2** in having maximum ODF++ Cities



स्वच्छ महाराष्ट्र अभियान
नगर विकास विभाग



Overview of sanitation progress – Urban Maharashtra (2/2)

116 FSTPs are operational and another 100 FSTPs are upcoming



Vita FSTP



Vengurla Sludge drying bed



Peth Planted gravel filter



Risod SDB



Peth Planted gravel filter



Bhor Anaerobic baffle reactor + PGF

Strategy for inclusive sanitation: SHG strengthening and Gender interventions



स्वच्छ महाराष्ट्र अभियान
नगर विकास विभाग



Objective of SHG Study in Maharashtra



To develop a targeted strategy on how SHGs and their federations can help sustain the sanitation momentum in Maharashtra.

Methodology:

1. Based on stakeholder discussions with NULM functionaries, Mission Director, three focused cities to be shortlisted
2. Assessment visits to the shortlisted cities
3. Developing an action plan
4. Developing suggested Strategies at the State Level



Section overview –

- This section elaborates on the key features and learnings from the three city visits

Contents

- 1 **SBM – U and DAY-NULM Convergence and of Maharashtra**

- 2 **Overview and Scope of the Study in Maharashtra**

- 3 **Observations and Learnings from the 3 City Visits**

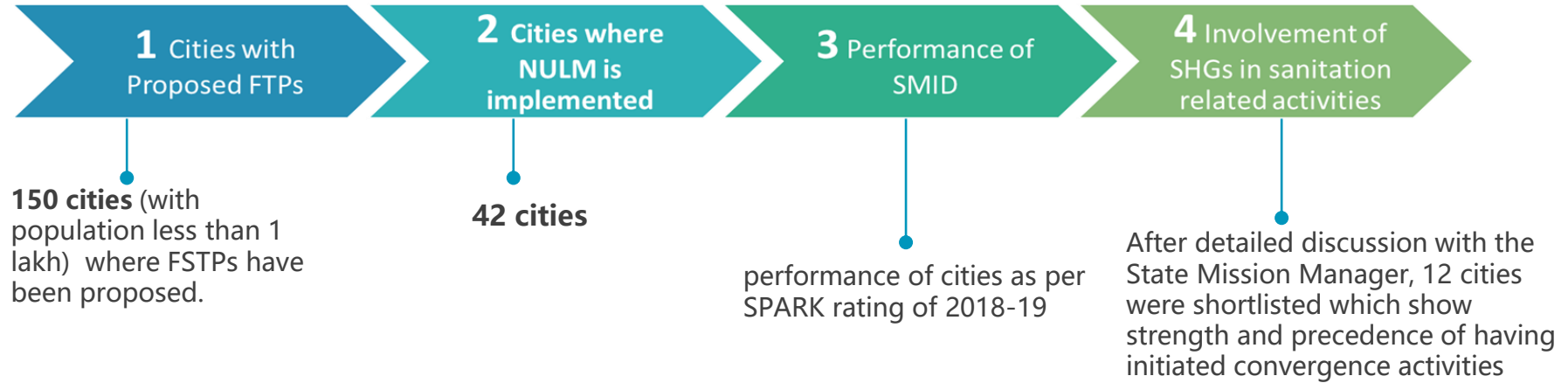
- 4 **Possible engagement of SHGs across Sanitation value chain**

- 5 **Suggested Strategies at the State Level**

- 6 **Way Forward**

Methodology adopted for selection of cities for study

1. Shortlisting of cities based on desk review



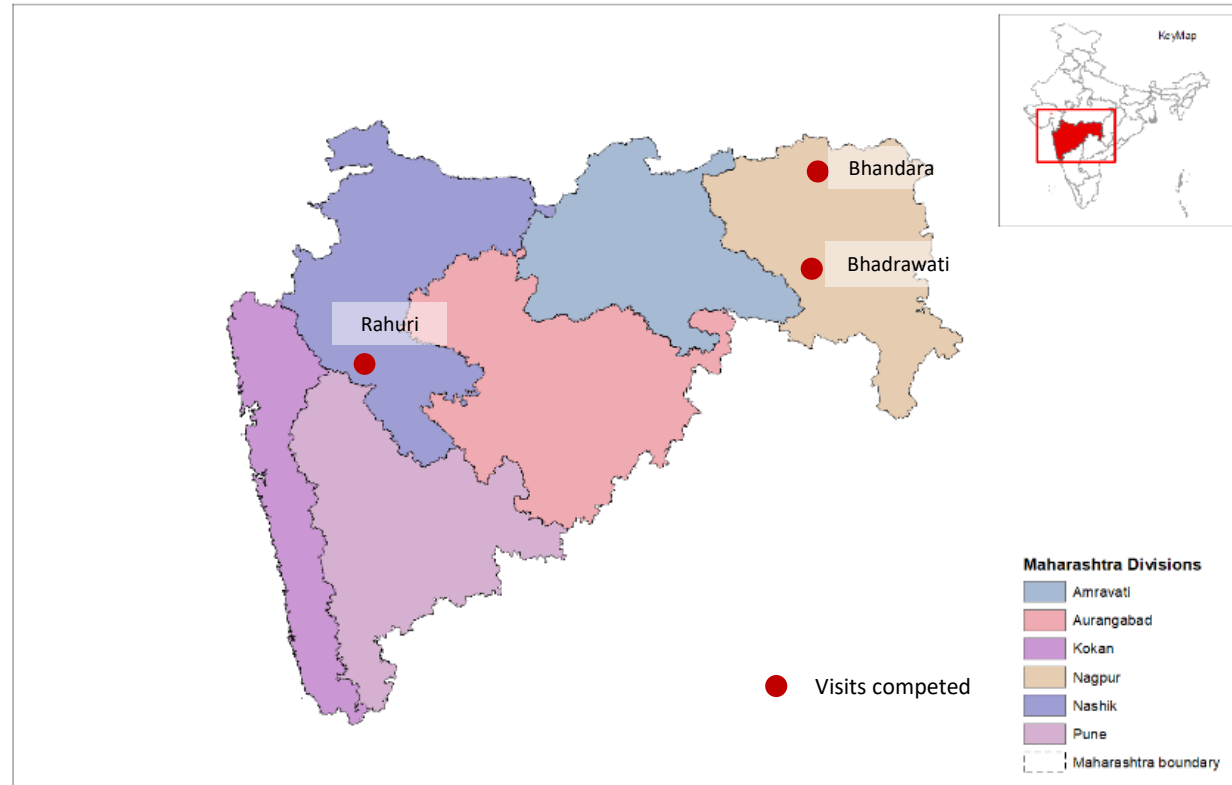
2. Structured telephonic interviews with the 12 cities

3 cities were shortlisted, in such a way where the ULB has linked its SHGs and their Federations in **more than one sanitation** activities.

3. Site visits to the selected cities

Visit to Bhadravati and Bhandara- January 2020
Visit to Rahuri – February 2020

CITIES SELECTED FOR SITE VISIT



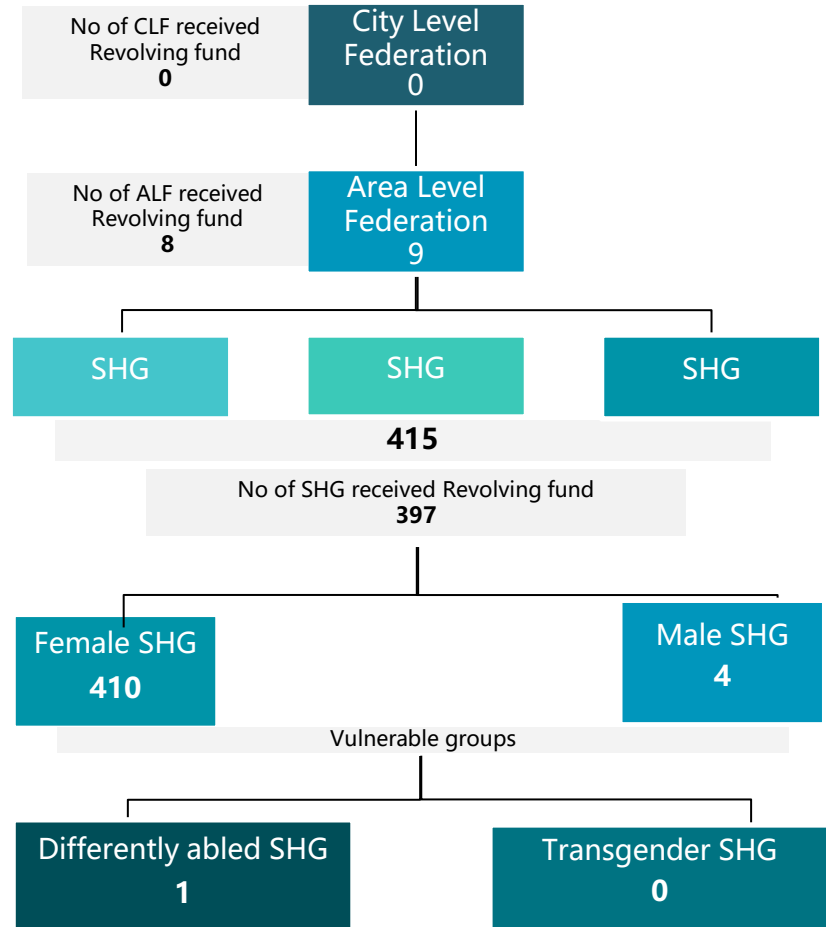
BHADRAWATI NAGPUR DIVISION

Population (2011):	97,000
Projected Population (2020)	1,58,516
Total no. of SHGs	415



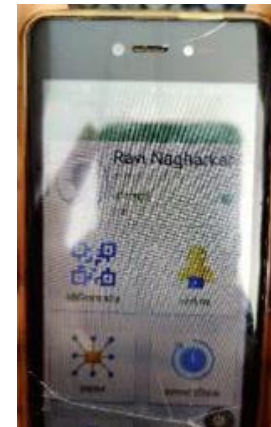
City Visit 1

Performance of SMID component



Key Features

1. Only City where **all the contractual sanitation workers are federated** into SHGs
2. **Tanvi and Samta SHG**—a team of 20 **manage Door to Door waste collection of entire city** through a ULB level contract, since 2008
3. **SHGs have stepped up** from being workers to
 1. Team Managers and hired more workers
 2. Supported less mature SHGs ,
 3. Ensured safe working conditions
4. **In spite of private players in competition, SHGs are winning the ULB contracts each year .**
5. **Looking at their success, ULB put conditions on the private contractor** operating the city's MRF to involve SHGs as workers.
6. **ULB invested in technological solutions**—mobile applications for SHGs to manage D2D facility



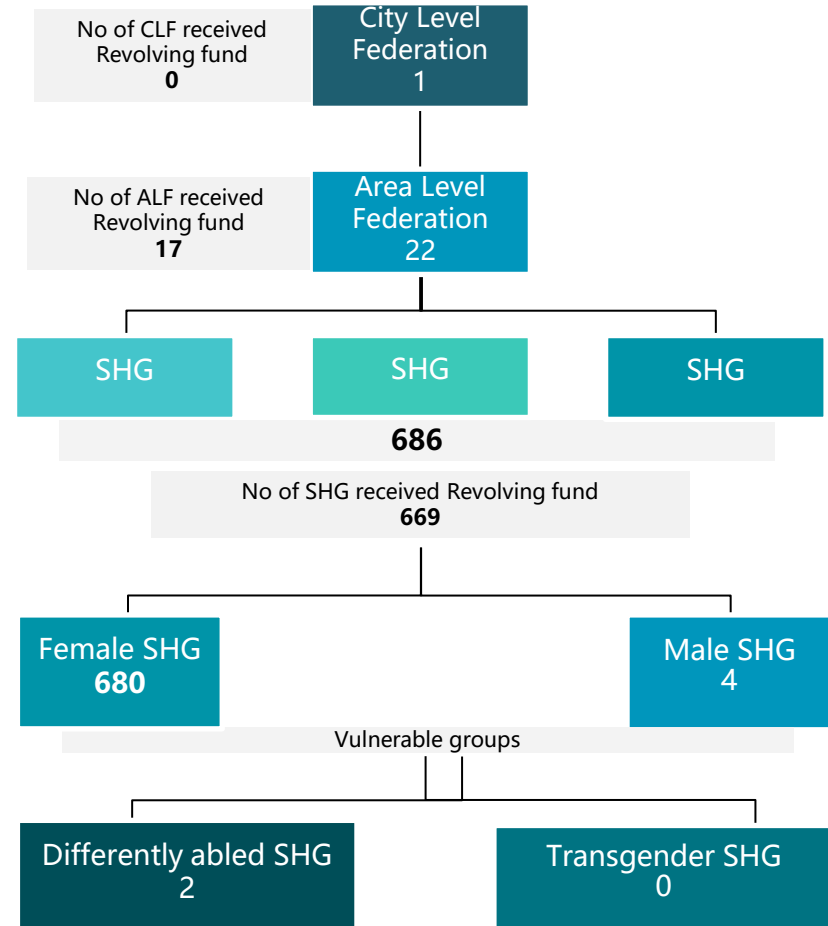
BHANDARA NAGPUR DIVISION

Population (2011):	91,845
Projected Population (2020)	98,278
Total no. of SHGs	686



City Visit 2

Performance of SMID component



Key Features

1. **Four SHGs**-Vishwas, Bhagyalakshmi, Yogdan and Lakshmi SHG manage the **door to door waste collection of the entire city**
2. **SHGs participate in competitive bidding process** each year
3. **Started off as a small group pilot initiative in 2008**
4. **SHGs have advanced from** operating manual vehicles (cycle-rickshaw) to collect waste (2008) to motor vehicles (2020)
5. **ULB showed trust in the managerial ability** of the SHGs and made capital investment of four waste collection vehicles
6. **Presently, SHG members work as Team Managers** and have employed sanitation workers and trained drivers
7. **Possible opportunities for SHGs**– Upcoming MRF, MCC and FSTP plans of the city



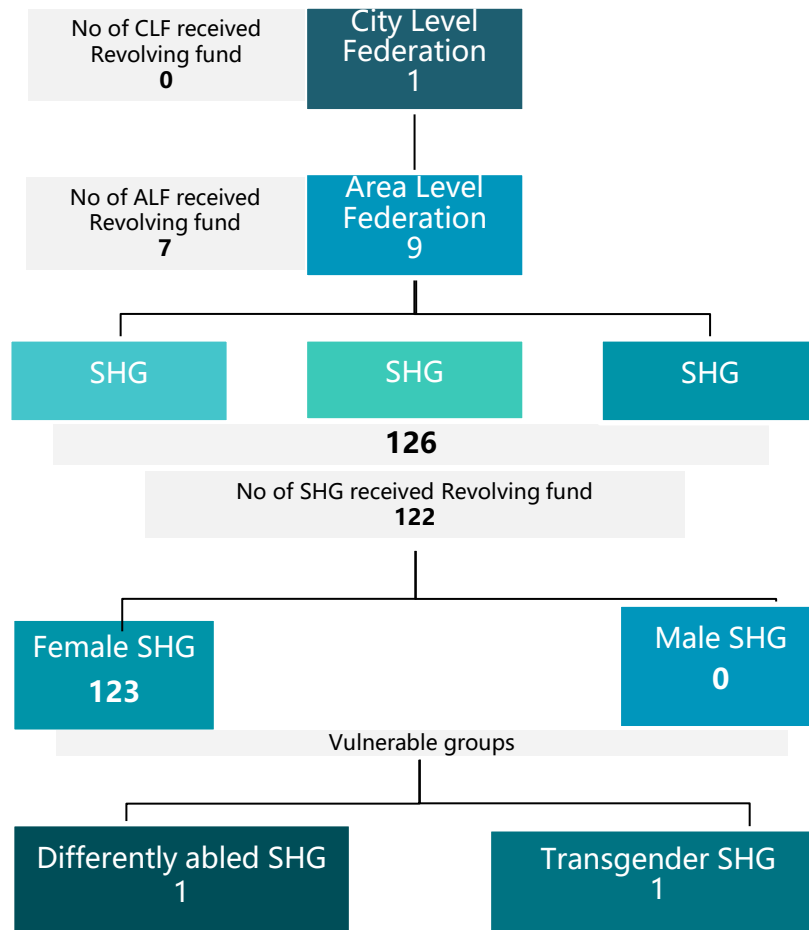
RAHURI NASHIK DIVISION

Population (2011):	38,813
Projected Population (2020)	43,207
Total no. of SHGs	126



City Visit 3

Performance of SMID component



Key Features

Innovative ULB initiative

1. Three SHGs are awarded a contract for the **cleaning and maintenance of the entire ULB office** on rotation basis
2. One SHG has been awarded the contract for **maintenance of** two municipality owned **wedding halls**.
3. **More than 12 years old enterprises**

SHGs have **gained confidence in their managerial capacities**

ULB is exploring possibilities of SHG engagement in sanitation activities



Key Learnings from city visits

DAY-NULM and SBM-U teams are driving the connect between urban SHGs and City's sanitation infrastructure

Present Field-level Success

Successful performance of SHGs
as managers of sanitation enterprises

ULB officials trust SHG expertise

Strong willingness of SHGs for more involvement

SHG members not belonging to traditional Sanitation work also managing city's sanitation work

SHGs team with traditional sanitation workers and ensure safe working conditions for them

Stakeholder Willingness

Area of work	Existing Willingness at City Level	
	SHGs	ULB
SHG led Sanitation enterprises	<p>SHG members who do not belong to traditional sanitation communities show willingness for managerial roles only</p> <p>Traditional Sanitation communities are more comfortable to work under other mature ALFs/ SHGs vis-a- vis ULB contracts</p> <p>Willing to engage if the work is safe</p>	<p>Awaiting specific directions from the State.</p> <p>Confident after seeing the SHG expertise in Solid waste management contracts</p> <p>Willing to give contracts on a pilot basis for sanitation led activities</p>
Technical know-how	<p>Strong willingness to learn the technical know-how of FSTP management, O&M of CT/ PT etc.</p>	<p>Willing to give the contract but are sceptical w.r.t. the technical expertise required.</p> <p>Willing to explore partnerships for training activities</p>
Awareness led initiatives	<p>Show willingness, however, demand for basic remuneration for such activities</p>	<p>Very keen to engage SHGs due to their wide outreach in the community.</p>

Possible Challenges in linking SHGs to Sanitation enterprises



Requirement of capacity building program for enhancing the technical, and managerial skills



Support required to bear shocks of irregular ULB payment cycle



Need for SHG friendly contracts, SOPs, training to SHGs



Section overview –

- This section explains the role and possible engagement of SHGs in awareness, operations and other possible activities.

Contents

- 1 SBM – U and DAY-NULM Convergence and of Maharashtra**

- 2 Overview and Scope of the Study in Maharashtra**

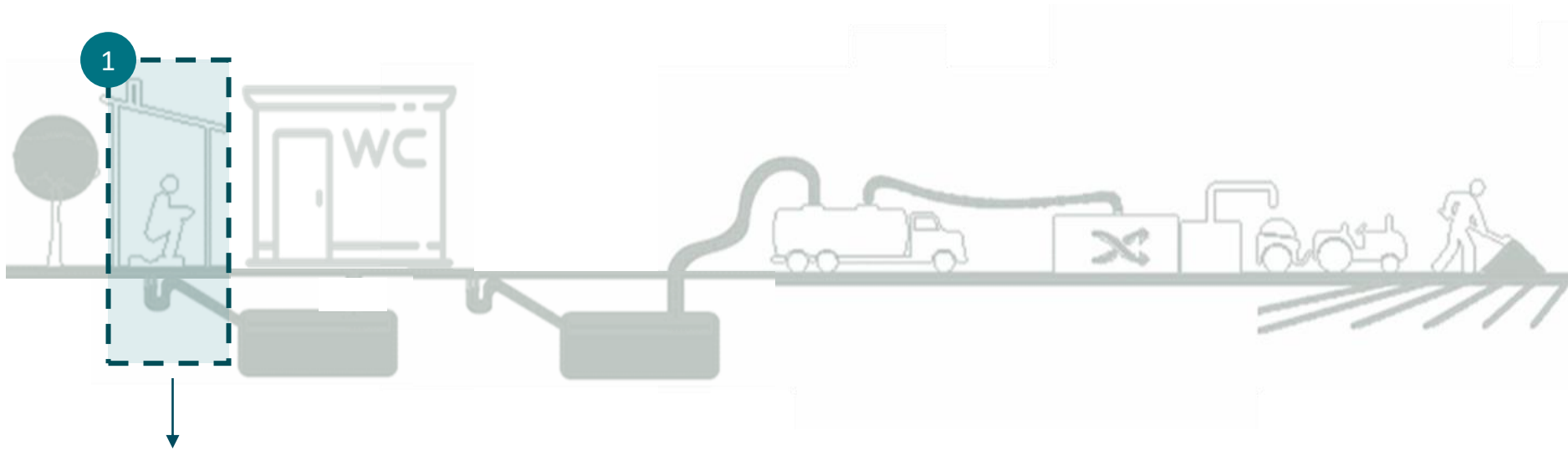
- 3 Observations and Learnings from the 3 City Visits**

- 4 Possible engagement of SHGs across Sanitation value chain**

- 5 Suggested Strategies at the State Level**

- 6 Way Forward**

Possibilities of engaging SHGs in Sanitation Value chain



- **Awareness generation** for IHHT (Individual Household Toilets) construction and sustained use of toilet;
- **Identify and Mobilize toilet application for** HH without toilets / HH with Insanitary toilets
- **Construction** of IHHT/Conversion of IHHT from insanitary to sanitary
- **Monitoring** Construction of IHHT/ Conversion from insanitary to sanitary toilets
- **SHG can avail Credit through bank linkages** for IHHT construction

Engagement of SHGs in IHHT



Awareness generation activities

In majority ULBs of Odisha, ALF sanitation sub committee are engaged in awareness generation activity for IHHT toilet/ ODF

Identification of HHs without IHHT

In most ULBs of Odisha, ALF members selected as Swachhta Sathis (selected members from the SHGs) supported in identification of HHs without IHHT, educating them on ODF and applying applications to ULB for construction of IHHT

SHGs involved in construction of IHT

In Warangal, 20 women masons were provided training on construction of IHHT and conversion of insanitary to sanitary toilets

Leveraging credit through bank linkages

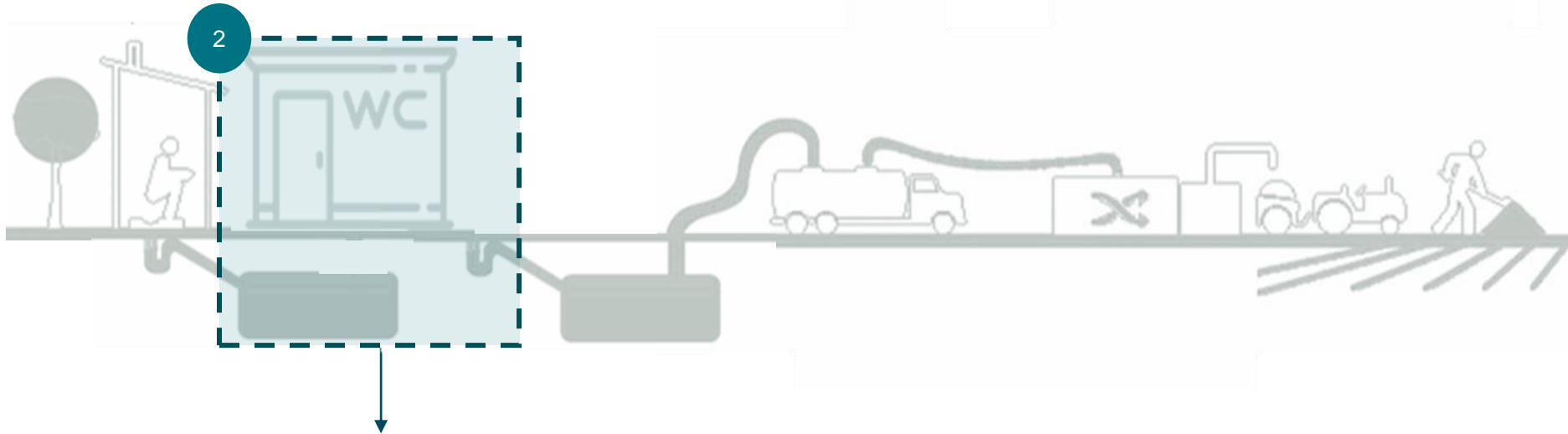
In Jalna, the SHG members were linked to various banks for sanitation credit. The loans were routed through these SHGs and fund was utilized to provide loans for construction of IHHT.

High repayment rates were recorded for sanitation loans.

**Sanitation sub committees are designated ALF members nominated by the group to address the sanitation related issues in the community*

Source: Odisha, Warangal, Telangana; Jalna, Maharashtra

Possibilities of engaging SHGs in Sanitation Value chain



- **Operation and maintenance** of Community/Public toilets
- **Assessment** of Community/public toilets
- **Identification and Mobilisation** of need for Community toilets
- **Construction** of Community/public toilets
- **Monitoring** Construction of Community toilets

Engagement of SHGs in O&M of Community Toilets/ Public Toilets



O&M of CT - Warangal, Telangana
ULB awarded a contract to a transgender SHG in Warangal for the O&M of one CT on a pilot basis.



O&M of CT- Dhenkanal, Odisha

2 male sanitation worker SHGs (OM Sai and Subarna SHG) were awarded the O&M of CT in the city.



O & M of CT- Sambhalpur, Odisha

4 female SHGs (Janani and Fatima Saraswathi and Maa Durga) were awarded the O&M of CT in the city.

Source: Dhenkanal, Odisha and Bhadrawati, Maharashtra

Engagement of SHGs in O&M of Community Toilets/ Public Toilets

Operation and maintenance by Area Level Federations



- The ALFs have been involved in good morning pathaks during making Hingoli ODF and are now involved in O & m of toilets.
- The women work in two shifts – 5.30 am to 10 am/ 5 to 7 pm.
- 2 women work per toilet block in single shift – 4 women per toilet block.
- Minor repairs to the handles, tap, bulb, etc. are done by the women.
- Amount received to the ALF per toilet block is Rs. 13,200.

SN	Name of ALF	No. of SHGs in the ALF	Total no. of women
1	Rajmata Jijau, Jijamata nagar	15	150
2	Sambhaji Vidyasagar, Mastanshah nagar	15	150
3	Niranjan Baba, Mahadevadi	20	200
4	Savitribai Phule, tofkhana	10	100
5	Amar, Risala	20	200
	Total	80	800

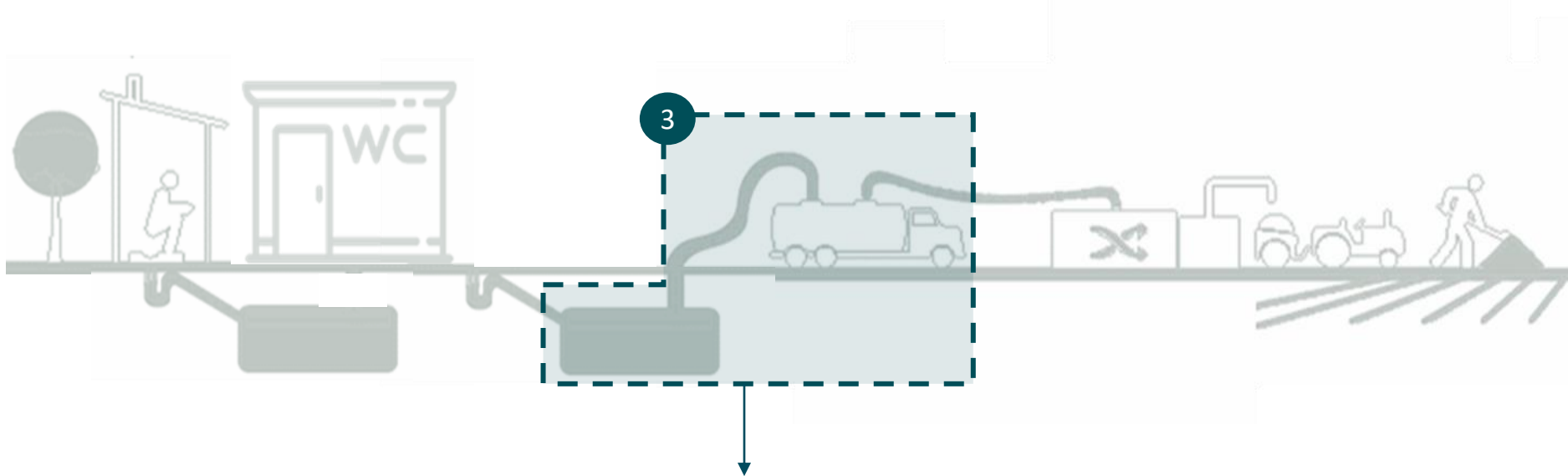
Source: Hingoli, Maharashtra



Sambhaji Vastitar Sangh has received a national award on 3rd position – 'Swachhata Excellence Award' in 2018



Possibilities of engaging SHGs in Sanitation Value chain



- **Awareness generation** for desludging;
- **Data collection for demand for scheduled desludging,** demand generation and mobilization
- Monitoring of safe emptying services are provided and there is no manual scavenging
- **Operating** the desludging vehicle; **trained for emptying services**
- **SHGs can be trained as masons** to open septic tank cover
- **SHGs can be trained to fill data** in SaniTab / Sanitrack monitoring app
- SHG led survey of septic tanks in the city, for ULBs who want to plan for scheduled desludging. (This is a new conditions as per ODF++ protocol, SS21)

Engagement of SHGs in desludging activity



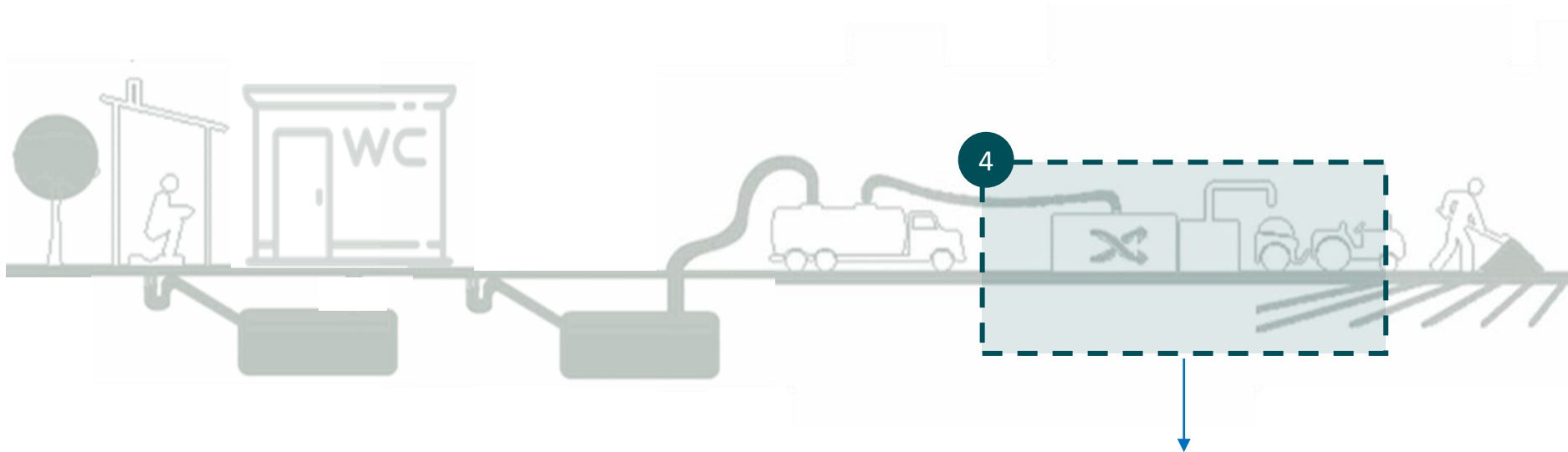
Desludging Service by CLF- Vasai Virar, Maharashtra

23 members from the City Level Federation awarded desludging contract by the ULB.

After completing the desludging activity, SHG members generate a bill and submit it to the ULB based on which they are paid Rs 500 per tank.

Source: Vasai Virar, Maharashtra & Best practices documented by UMC

Possibilities of engaging SHGs in Sanitation Value chain



- **Operation and maintenance** of Fecal sludge treatment plant
- **Sale** of dry compost/sludge
- **Landscaping** at FSTP
- **Urban Forest** at FSTP
- **Cultivating cash crops** out of treated WW and solids
- **Operating** Sanitation resource centre

Engagement of SHGs in O&M of FSTP



FSTP operations, Odisha

Jhadeswari SHG in Sambhalpur, Transgender group in Cuttack and Agrata Area Level Federation in Berhampur and Baripada in Odisha have been awarded contract for O &M of FSTP.



Source: Sambalpur, Odisha; HUDD Odisha- <https://twitter.com/FssmOdisha/status/1268989462911922177/photo/3>



Section overview –

- This section explains state level strategy and action plan for strengthening SHG engagement in sanitation activities

Contents

- 1 **SBM – U and DAY-NULM Convergence and of Maharashtra**

- 2 **Overview and Scope of the Study in Maharashtra**

- 3 **Observations and Learnings from the 3 City Visits**

- 4 **Possible engagement of SHGs across Sanitation value chain**

- 5 **Suggested Strategies at the State Level**

- 6 **Way Forward**

Forging Partnerships with Key Stakeholders

Forging Partnerships



State Urban Livelihood Mission, Maharashtra

- **Formation** of sanitation/waste pickers SHGs
- **Identification of interested/matured** SHG/ALF/CLF
- Training of SHGs on soft skills and managerial skills Support for Individual and group **bank loans** for enterprise creation



Swachh Maharashtra Mission-Urban

- Identifying potential areas for engagement of SHGs in sanitation activities
- Training SHGs through **empaneled training partners** of DAY-NULM (Refer Annexure1).
- Introducing **SHG friendly contracts**.
- **Setting up system** for management of sanitation enterprise for SHGs



Other CBOs and NGOs in the state like SWaCH

- **Partnership** with a credible NGO for providing handholding support to sanitation worker SHGs e.g. SWaCH.
- **Partnership** with credible local training providers for enterprise creation and for training and capacity building like Kam Avida

State-Level Enablers



Form State-Level Convergence Working Group

Shall help in developing an institutional arrangement and kick start the activities for the convergence program

Sl.no	Designation	Role
1	Commissioner and Director, DMA	Chairperson
2	Mission Director, DAY-NULM	Member
3	Mission Director, SBM-U	Member
4	Secretary, Maharashtra Skill Development Mission	Member
5	Concerned State Mission Managers, DAY-NULM	Member
6	Concerned Nodal Officers, SBM	Member
7	Technical Support Group (CEPT representatives)	Conveners



Issue Advisory to ULBs

- Urging ULBs to engage SHGs in various service contracts especially in the city's sanitation infrastructure.
- It shall also outline the technicalities and methods of setting up the model.



Capacity building

- Developing capacities of State and City-level Mission functionaries through developing collaterals
- DAY-NULM-led Skilling and Entrepreneur Development support to SHGs:
- 3 specialized qualification packs have already been developed and approved by Sector Skill Council for Green Jobs (Annexure 1)
- The state has 4 empaneled training providers to offer skill training in sanitation sector (Annexure 2)
- The SULM has partnered with RSETI and MCED through which sanitation based EDP trainings can be rolled out in various ULBs.

State-Level Enablers



Phase implementation

Selection Criteria for phased implementation:

a. As per effective implementation of the SMID component of DAY-NULM:

- Cities where DAY-NULM is being implemented
- Where the City Mission Management team is operational
- Based on strengths of SHG/ALF/CLF federations

B. As per upcoming/ potential sanitation infrastructure

- Phase 1: Cities with Faecal Sludge Treatment Plants (FSTP) commissioned and functional (Annexure 3)
- Phase 2: Cities with FSTP under construction
- Phase 3: Cities with FSTP proposed



Prepare model SHG-friendly contract clauses

Contract clauses that safeguard both SHGs and ULBs to be inserted into all such service contracts.

The contracts should clearly state the preference for SHGs

Leniency in payment of tender fee, in requirement of previous experience in concerned activity, in minimum bank balance, etc.



Set up State-level Help Desk

For technical support to CLFs, ALFs, SHGs, DAY-NULM functionaries, and SBM functionaries

City-Level Enablers



Form City-Level Committee

Headed by the Chief Officer/ Municipal Commissioner of the ULB, with representatives from concerned Missions.

Sl.no	Designation	Role
1	Chief Office / Municipal Commissioner of ULB	Chairperson
2	Concerned City Manager, DAY - NULM	Member
3	Nodal Officer, SBM-U	Member
4	Community Organizer, DAY - NULM	Member
5	RO representative	Member



Identify facilities/services to hand over to SHGs

The Committee should identify :

- Sanitation-related enterprises
- Job roles for potential engagement of SHGs
- Map infrastructure that can be handed over to SHGs for O&M



Identify SHGs

Identification based on :

- A. Performance in
 - Panchasutra activities
 - Maturity of the SHG, and
 - Membership in SHG Federations.
- B. Willingness of SHGs for the identified enterprise

City-Level Enablers



Prepare SHG-friendly context-specific EOI/RFP/contracts

ULB should prepare invitations for EOI, RFP, and contracts based on the model documents floated by the State-level Working Group.



Train and capacity-build SHGs

On the following Aspects:

- Basic technical understanding,
- Business elements
- Standard operating procedures.

The committee should identify nodal persons to coordinate training and capacity building from SBM and NULM.



Hand-holding and regular review of SHGs

- Create platform for SHGs to interact
- Mobilize separate fund at the ULB level
- Establish a support system
- Set up smooth mechanism to review work done by SHGs, and resolve issues faced by SHGs in dealing with functionaries



Contents

- 1 **SBM – U and DAY-NULM Convergence and of Maharashtra**

- 2 **Overview and Scope of the Study in Maharashtra**

- 3 **Observations and Learnings from the 3 City Visits**

- 4 **Possible engagement of SHGs across Sanitation value chain**

- 5 **Suggested Strategies at the State Level**

- 6 **Way Forward**

Pilot demonstration of convergence in selected cities

- SMMUA has identified select ULBs where SHG involvement can be demonstrated in sanitation activities.
- Tentative list of cities have been identified where FSTPs are operational, SHGs are active and ULB is willing to involve SHGs in FSTP O&M and IHT.
- On the basis of the experience and learnings from the pilot cities, the state will further scale up SHG engagement across all cities in Maharashtra.

Next steps

- Consultation workshops (Web based) with ULB officials and SHGs to assess willingness to involve in sanitation activities.**
- Technical assistance and capacity building of cities and SHGs for involvement in sanitation activities.**
- Model contracts for SHG involvement.**

Sr. No	Division name	ULB Name	No. of SHGs	No. of sanitation workers SHGs
Amravati				
1	Amravati	Malkapur (M CI)	115	5
2	Amravati	Murtijapur (M CI)	125	0
3	Amravati	Ner (M CI)	110	0
Aurangabad				
1	Aurangabad	Jalna (M CI)	924	5
2	Aurangabad	Parbhani (M CI)	806	10
3	Aurangabad	Vaijapur (M CI)	117	1
Konkan				
1	Konkan	Khopoli (M CI)	180	4
2	Konkan	Malwan (M CI)	70	0
3	Konkan	Vengurla (M CI)	89	1
Nagpur				
1	Nagpur	Katol (M CI)	114	0
2	Nagpur	Ramtek (M CI)	90	1
3	Nagpur	Mul (M CI)	124	0
Nashik				
1	Nashik	Akole(NP)	1299	18
2	Nashik	Deolali Pravara (M CI)	135	2
3	Nashik	Yevla (M CI)	120	1
Pune				
1	Pune	Akkalkot (M CI)	126	2
2	Pune	Junnar (M CI)	126	3
3	Pune	Vita (M CI)	109	0

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.



cwas.org.in
pas.org.in



cwas@cept.ac.in
tiny.cc/pasenews



[CEPT_CWAS](https://twitter.com/CEPT_CWAS)



[cwas.cept](https://www.instagram.com/cwas.cept)



[cwas.cept](https://www.facebook.com/cwas.cept)



[cwas.cept](https://www.linkedin.com/company/cwas.cept)

Annexure 1 – Qualification packs

SEPTIC TANK TECHNICIAN

Responsible for construction/fabrication of different types of septic tanks/ soak pit and install at the site

- **Level:** 4
- **Eligibility:** 5th Pass with minimum experience of three years in masonry work



FSTP OPERATION & MAINTENANCE TECHNICIAN

Responsible for carrying out day-to-day operations of the FSTP

- **Level:** 4
- **Eligibility:** ITI or 12th Pass with 3 year of experience in water and sanitation sector



DESLUDGING OPERATOR

Responsible for emptying, transport and disposal of faecal sludge from the septic tank to desludging site

- **Level:** 4
- **Eligibility:** 5th pass



Annexure 2 – List of Empaneled Training Partners in Maharashtra

Sr. No.	Training provider empaneled by Maharashtra (as per SCGJ)
1	Kam Avida Enviro Engineers Private Limited
2	CLR Skill Training Foundation
3	Ecoreco Enviro Education Private Limited
4	The Centre for Applied Research and People's Engagement

Existing willingness of TPs

Annexure 3 – List of Cities with Operational FSTPs

SI No	Division name	ULB Name	Operational FSTP capacity	IHHL constructed under SBM	Additional IHHL needed for universal coverage	No of CT/PT	No of CT/PT seats	No. of SHGs	No. of sanitation workers SHGs
Amravati									
1	Amravati	Malkapur (M CI)	15 KLD	3455	1960	16	68	115	5
2	Amravati	Murtijapur (M CI)	10 KLD	1611	1155	8	71	125	0
3	Amravati	Ner (M CI)	5 KLD	1485	118	10	97	110	0
Aurangabad									
1	Aurangabad	Jalna (M CI)	20 KLD	8100	8018	27	211	924	5
2	Aurangabad	Parbhani (M CI)	20 KLD	8232	11193	34	290	806	10
3	Aurangabad	Vaijapur (M CI)	10 KLD		296	10	95	117	1
Konkan									
1	Konkan	Khopoli (M CI)	15 KLD	1150	5938	82	655	180	4
2	Konkan	Malwan (M CI)	5 KLD	189	1030	6	33	70	0
3	Konkan	Vengurla (M CI)	3 KLD	275	333	24	60	89	1
Nagpur									
1	Nagpur	Katol (M CI)	10 KLD	791	166	12	260	114	0
2	Nagpur	Ramtek (M CI)	5 KLD	888	50	20	118	90	1
3	Nagpur	Mul (M CI)	5 KLD	2157	266	8	59	124	0
Nashik									
1	Nashik	Akole(NP)	5 KLD	600	153	8	61	1299	18
2	Nashik	Deolali Pravara (M CI)	10 KLD	1537	1509	6	73	135	2
3	Nashik	Yevla (M CI)	15 KLD	1261	1105	7	160	120	1
Pune									
1	Pune	Akkalkot (M CI)	10 KLD	1526	3987	16	273	126	2
2	Pune	Junnar (M CI)	10 KLD	160	450	19	85	126	3
3	Pune	Vita (M CI)	10 KLD	1595	1465	17	157	109	0