Theme 1: Sanitation Safety Plan, City Sanitation Plan and Citywide Inclusive Sanitation

Chanchal Modi

Training Attended: Trainings on SFD and FSSM, 2018

Designation and Organisation: Programme Coordinator, WaterAid India

Topic of Presentation: Addressing Sanitation Issues with Citywide Approach

Email: ChanchalKumar@wateraid.org
Addressing sanitation Issues with city wide approach

Story of WaterAid India Programme Intervention: Ujjain, India

Chanchal Kumar Modi
30.06.2020
Ujjain: Context

- A city known for religious importance; presence of high mobile population throughout the year. Public–Community Toilet construction always in agenda.

- WAI was requested to support UMC in sanitation planning and demonstrating some toilet technologies for Simhastha 2016.

- Supported in assessment of CT, PT; demonstrating Zero Discharge Mobile Toilet, Bio-Digester in a Public Toilet and Loo with a view.

- Supported in hygiene Campaign, monitoring of modular and public toilets in the Mela area.

On successful collaboration, WAI was requested to support in planning and implementation of SBM
Intervention: Strategy and Outcome

- Opportunity for a new model for partnership with Municipality using city wide approach.
- Agreed with UMC on terms and conditions for mutual support.
- Reached at community level through local Partner BGMS

Regular Situation analysis on existing gaps and sharing with key decision makers on potential steps.
- Prepared SFDs and reviewed AMRUT Plan

Regular feedback helped in informed decision making
1. New marginalized area & left out HHs identified.
2. Beneficiaries model introduced.
3. Termination of 2 Contractors on quality issues.
4. SFD and AMRUT review helped to see the gaps in sanitation value chain.

Framing strategy for implementing SBM with community led Approach

Building capacity through Regular Workshop, Exposure Visit
- Building Institutional mechanism of community engagement.
- Demonstrating Models/Standard

1. Zonification of city, using 3/3 matrix
2. Influenced UMC to engage 2 agencies for community mobilization.
3. Supported in launching Campaign establishing link with NULM SHGs and Mohalla Samiti

1. Awareness on Act, Policies Programmes, SoPs
2. Training of sanitation workers on health and safety.
3. Strong Mohalla Samitis & SHGs.
4. Exposure visits to Warangal sensitized them on FSM
5. Demo of different types of toilet, Accessible Toilet, DWWT

Regular self Assessment
- City declared ODF by MoHUA;
- Achieves 12th Rank at national sanitation ranking in 2018 (ss)
- Improves to 4th rank (National) level in 2019, 1st in medium category

2. First city to have FSTP in MP. FSTP totally financed by self.
3. Accredited by UMC for the support provided under Intervention.
4. Community leaders, NGOs invited at National level to share success story.
Technical support: Inputs to Municipal Corporation

Ujjain Population

<table>
<thead>
<tr>
<th>Year</th>
<th>Population</th>
<th>Growth Rate</th>
<th>Zone 1 Pop</th>
<th>% Population</th>
<th>STP Capacity Required* (MLD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1941</td>
<td>81272</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1951</td>
<td>129817</td>
<td>59.73%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1961</td>
<td>144161</td>
<td>11.05%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1971</td>
<td>208561</td>
<td>44.67%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1981</td>
<td>282207</td>
<td>35.31%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1991</td>
<td>362633</td>
<td>28.50%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2001</td>
<td>430427</td>
<td>18.69%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2011</td>
<td>515215</td>
<td>19.70%</td>
<td>303697</td>
<td>59%</td>
<td></td>
</tr>
<tr>
<td>2020</td>
<td>613830</td>
<td>19.14%</td>
<td>399012</td>
<td>65%</td>
<td>74</td>
</tr>
<tr>
<td>2035</td>
<td>735840</td>
<td>19.88%</td>
<td>453150</td>
<td>62%</td>
<td>92</td>
</tr>
<tr>
<td>2050</td>
<td>858585</td>
<td>16.68%</td>
<td>499364</td>
<td>58%</td>
<td>100</td>
</tr>
</tbody>
</table>

NOTE:
- Zone 1 - Proposed under AMRUT mission
- Zone 2, 3 - Will be implemented as per future fund availability

SLUMS

Projected Population

Considering whole city (100% Coverage)

Zone 1 - Area considered for sewerage proposal
Looking Back
Impact of Training learning

- Learning helped to look at issues of sanitation beyond ODF. Attempting to use the learning in Bhopal, and small towns of Chhattisgarh.

- Training on SFD and FSM helped to look into perspective of solutions and not just gaps. Idea of using GIS and spatial data to review or build over SBM and AMRUT were ripple effect of those learning.

- Demonstrating DWWT at slum level (peripheral); PGB at town level in Kumhari and now also using in Rural FSM. In Kanker, as advocacy efforts, identified over 50 points where waste water meets water bodies through drainage.

- Training provided a platform to get connected with other sector players and learn from others’ experiences.

- Biggest impact: UMC became first City in MP to have FSTP with their own resources. 2nd Rank for community led Initiative. Impact seen even in monitoring of FSTP.
Thank you very much!