

Making villages secure for drinking water and waste management facilities

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ABOUT THE PROJECT

CWAS in collaboration with HDFC Bank's Parivartan CSR aims at providing safe and equitable water and waste management services by providing technical support, building capacities of local stakeholders including gram panchayats and communities, and strengthening planning, implementation, and monitoring systems at selected villages in three blocks viz. Palghar, Dahanu & Mokhada of Palghar district.

KEY PROJECT ACTIVITIES

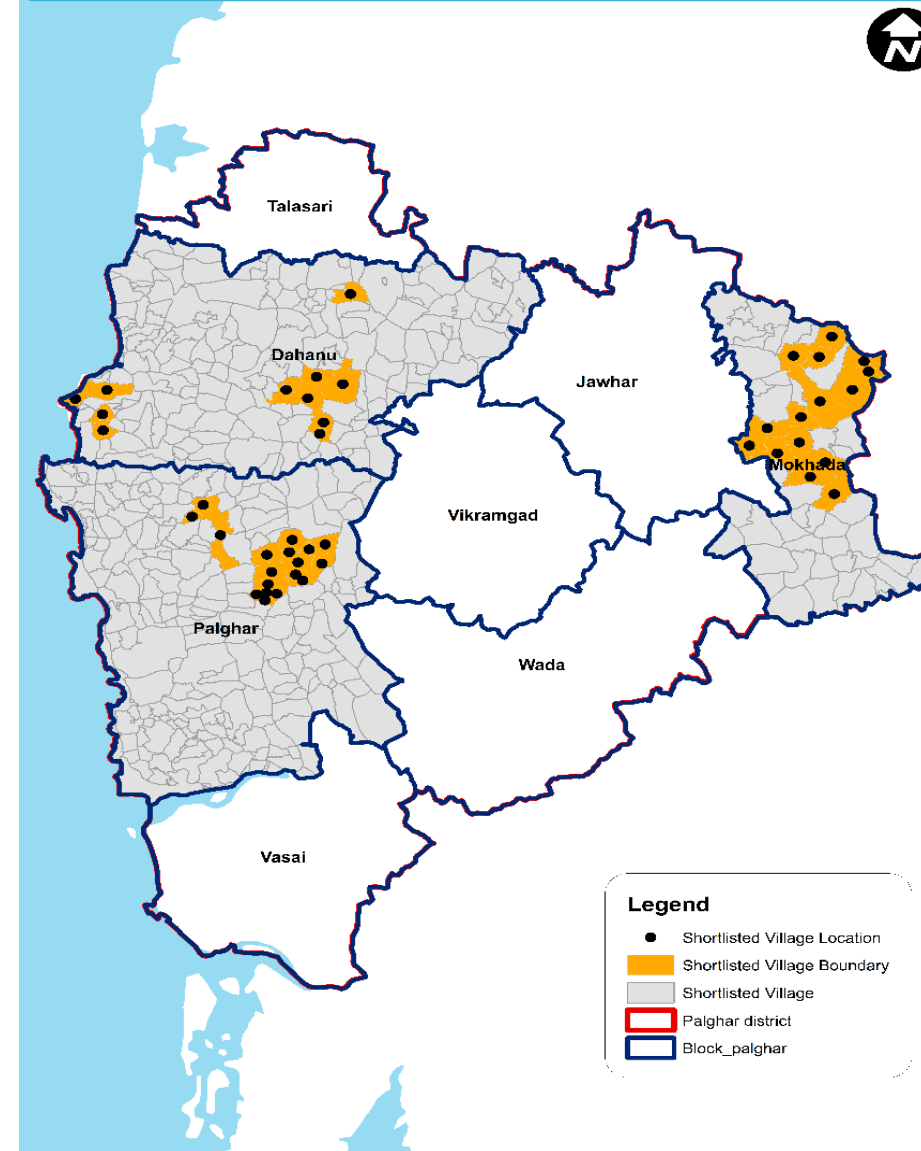
1 Assessment and action Plan for drinking water security and waste management plan

2 Implementation of demonstration projects: drinking water security and waste management services in villages

3 Strengthening monitoring and capacity building of Gram Panchayats

4 Scale-up at State/ District levels and Knowledge Products and resource materials

SELECTION OF VILLAGES



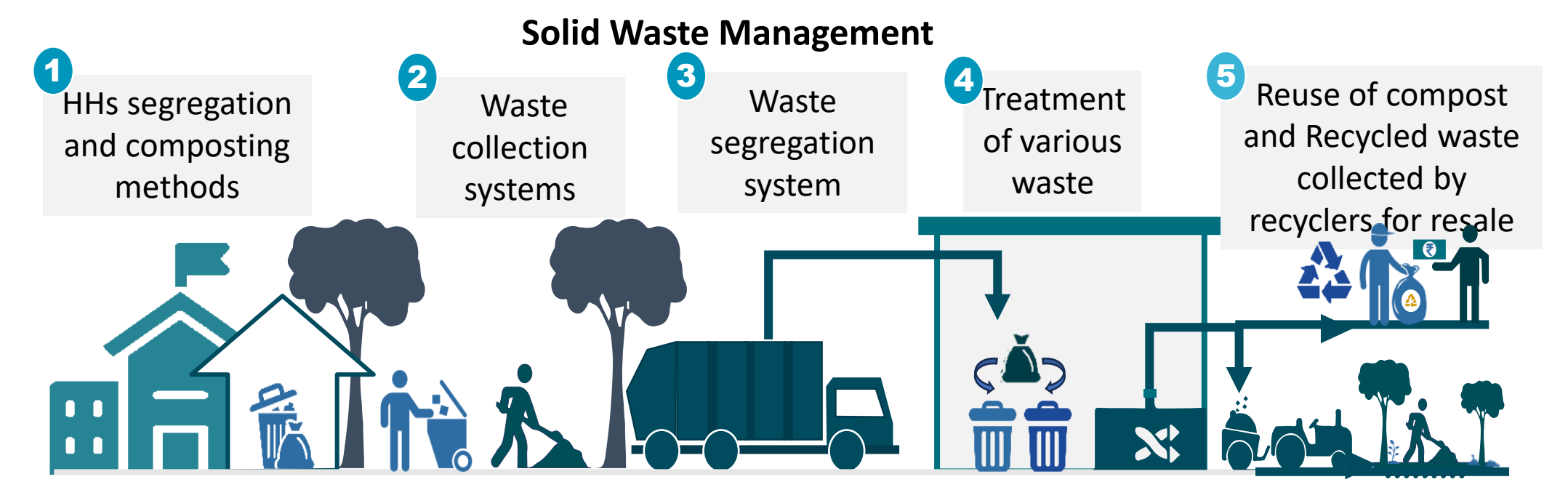
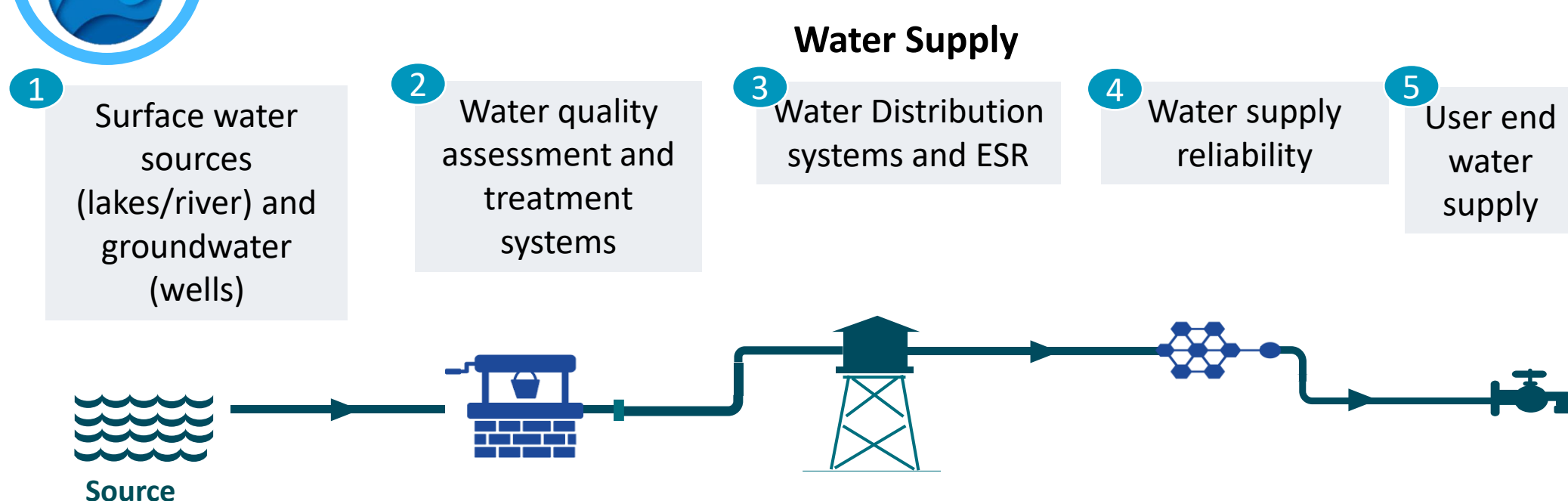
Selection criteria:

- Geographical diversity- Coastal, hilly towns, flat terrain
- Tanker dependency
- Accessibility and clustering
- Jal Jeevan Mission (JJM) integration- single village and multi village scheme
- Population size- small and medium-sized villages

About 50 villages selected through a collaborative process involving the Zilla Parishad (ZP) of Palghar and the Block Development Officers (BDOs) of Mokhada, Palghar, and Dahanu blocks.



VILLAGE LEVEL ASSESSMENT AND PREPARATION OF VILLAGE ACTION PLAN



Identification of challenges and recommendations in consultation with the Self-Help Groups (SHGs), Water User Groups and community groups



PILOT PROJECTS (Community and Household)

Interventions for drinking water security

Rain Water Harvesting:

- Demonstration at institutional buildings
- Demonstration at HH level

Mini Piped Water Supply Scheme:

- Provision of HH tap connections
- Solar based pumping
- Provision of OHT for water storage
- Provision of underground tank for RWH

Source sustainability:

- Well revival
- Provision of new wells

Water quality testing & purification system:

- Water quality testing & monitoring
- Installation of purification system



Interventions for solid waste management

Composting of organic waste

Setting up community and neighbourhood level composting system for organic waste

Processing facility for plastic waste

Setting up of cluster level material recovery facility for recycling of dry waste

Technical support to Gram Panchayat

Support for implementing pilot projects

Exposure visit

For waste segregation, composting methods and dry waste recycling



CAPACITY BUILDING & AWARENESS

The approach focuses on strengthening communities and Gram Panchayats into various stages of preparation of village action plans. Thus, involvement of women SHGs, community participation, group discussions, etc. has proven effective in issues identification, data collection and implementation of pilot projects.

Capacity Building & Awareness Approaches:

- Community engagement and participation
- Awareness drives at institutional & community level
- Exposure visits for GP officials
- Involvement of women SHGs in data collection and issue identification
- Training of SHGs for water quality testing
- Technical training for water user group and SWM operators



Training was Chaired by Shri. Narendra Revandkar (Block Development Officer), along with Mr. Raju Koli and Mr. Babu Nale (Gram Vistar Adhikaris), and Ms. Nilima Pimple (O.S. Gram Panchayat Department).

OUTCOME & IMPACT

- Improved water security and waste management in villages.
- Community Awareness about water conservation, RWH and SWM.
- Strengthened capacity of communities and Self Help Groups (SHGs) with knowledge support and financial assistance.
- Strengthened capacity of GP Officials through exposure visits and technical training.

