

CSE Online Impact Workshop cum Master Class

On Capacity building initiative for Citywide Water and Sanitation Management

Theme 2: Faecal Sludge and Decentralized Wastewater Management

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Institutional Presentation: Applied Learnings from CSE Trainings

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3 Applied Learning from CSE Trainings

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I. Andaman and Lakshadweep Island – WATSAN Planning

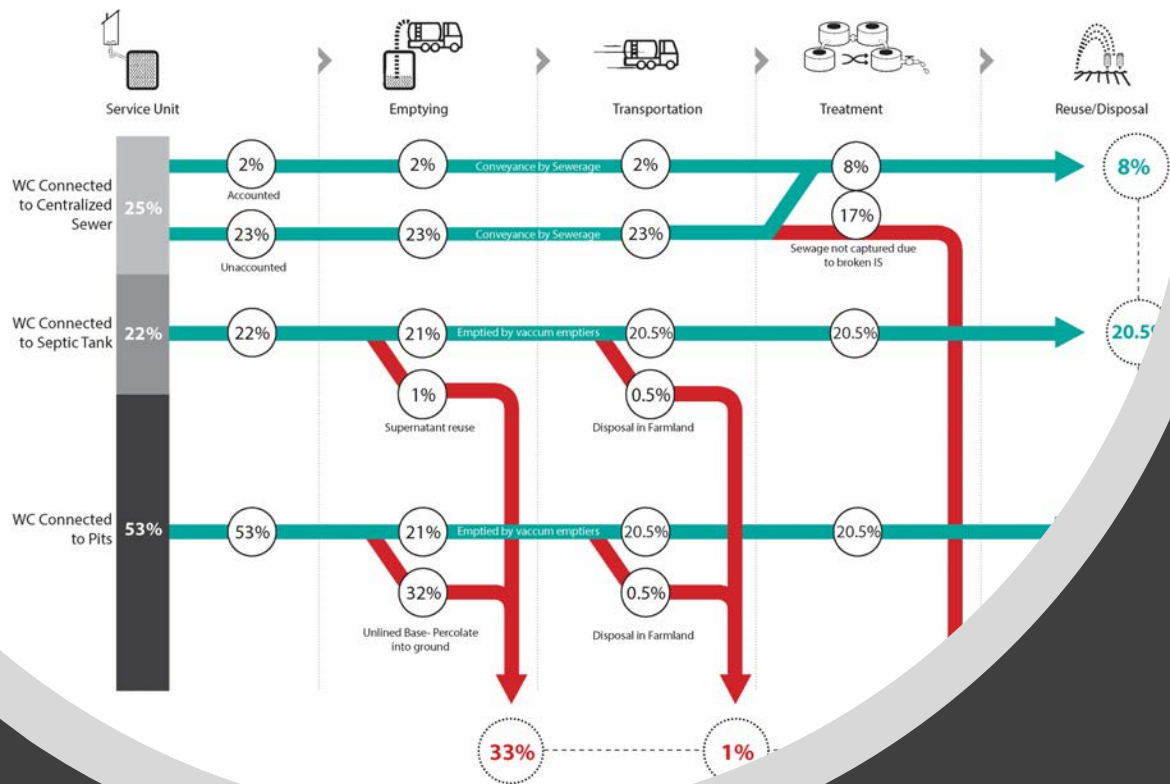




Climate Resilient Infrastructure Planning

- Developed integrated module for Efficient Waste Handling – ‘FSTP +DEWATs + Co-composting + Re-use’
- Promoting water-reuse from sustainable practices including rain-water harvesting (both community and HH level) , grey-water re-use (household level), DEWATs (institutional premises)
 - ✓ Promoting green infrastructure
 - ✓ Linking water, sanitation and agriculture
 - ✓ Potential supply from natural sources and sustainable means
 - ✓ Watershed catchment analysis

EXCRETA FLOW DIAGRAM



II. Need Assessment of FSM Services in Siem Reap, Cambodia



Development of SFD for understanding of process flow and overall impacts



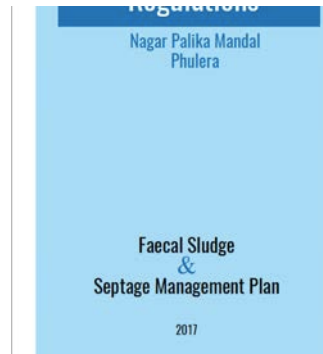
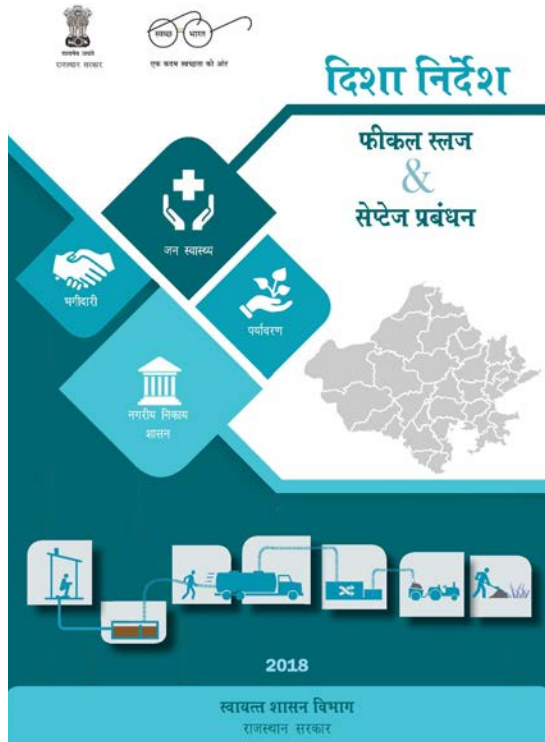
Designing the intervention based on field verifications of identified situations across value chain





Before and After

III. FSM Pilot Champions in Rajasthan



Regulatory and Institutional Reforms

- FSM Policy for states in India – Rajasthan, Karnataka, J&K
- State urban FSSM Guideline of Rajasthan , India
- Town level FSM resolutions and regulations
- Set- up of town and state level permanent body i.e. FSM Cell and FSM Committee having statutory power



Applying Learning from CSE Training

Training	Key Learnings
1. International Training on Tools and Approaches for Citywide Water and Sanitation Management	<ul style="list-style-type: none"> • Water Sensitive Island Design & Planning (WSIDP) is an approach that integrates & optimizes the use of available water sources and complete the water cycle by incorporating the other sources in planning and designing. • WSIDP at different scales - Community level & Individual level (Type of RWH structures & methods) - "Proposed in NITI Aayog Project" • Calculation of Demand - Supply gap/ RWH Potential/ size of tank/ Water balance method. • Best practices. • Emphasis on Green Infrastructure & RWH structures while identifying projects for the Holistic development of Andaman & Lakshadweep Island
2. Sanitation Safety Planning	<ul style="list-style-type: none"> • Understanding Sanitation Value Chain for the preparation of ODF++ Island (Holistic Development of Andaman and Lakshadweep Island) • Preparation of the Shit Flow Diagram • Identification of Possible Solution -Potential on site Intervention at Individual level and Community Level • Case Studies • Comparative analysis of onsite sanitation interventions. • Preparation of Implementation Framework and assigning roles and responsibilities of institutions in the development of Safe sanitation plan
3. SFD – Online	<ul style="list-style-type: none"> • Understanding , Preparation and Significance of SFD (Siem Reap, Cambodia)



Thank You