

State Consultation Event on Citywide Inclusive Sanitation in Uttarakhand

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In recent years, sanitation has been at the forefront of India's development agenda. The Government of India has launched Phase II of Swachh Bharat Mission-Urban (SBM-U 2.0) and AMRUT 2.0. With SBM-U 2.0, the focus is on sustainable sanitation and treatment of used water while a key component of AMRUT 2.0 is sewerage and septage management. Therefore, it is incumbent upon states to take this up as a priority.

National Institute of Urban Affairs (NIUA) has been engaged with the Urban Development Directorate (UDD) of the state of Uttarakhand for scaling the agenda of Faecal Sludge and Septage Management (FSSM) across the state through an MoU since 2019 and provides assistance on three fronts – technical support, capacity building and policy advisory. In addition, NIUA is also supporting other relevant state departments and agencies of the state namely, Uttarakhand Pejal Nigam, Uttarakhand Jal Sansthan, Uttarakhand Urban Sector Development Agency (UUSDA) etc. for addressing the septage management challenges.

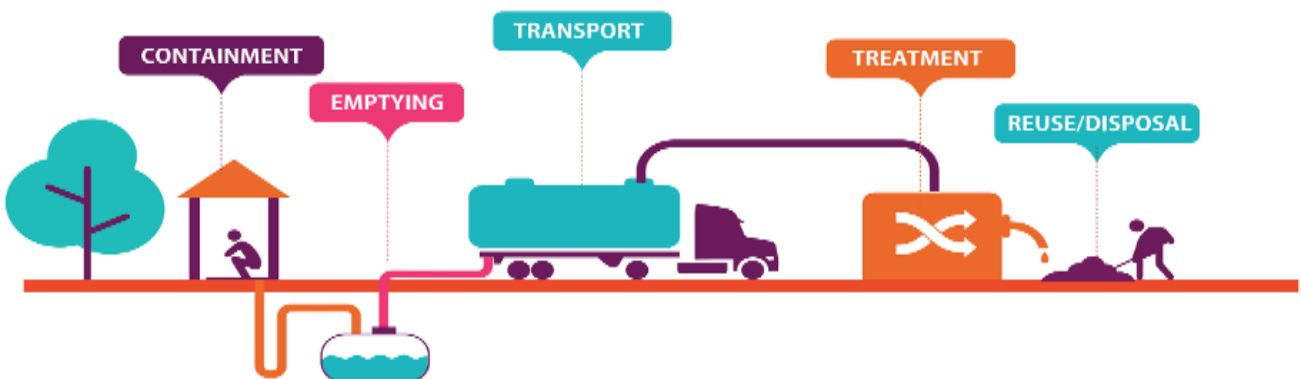
Uttarakhand, a hilly state comprising 103 Urban Local Bodies, is majorly dependent on OSS systems (approximately 70%). Currently there are 66 operational Sewage Treatment Plants in the state, with overall treatment capacity of 397 MLD out of which 244 MLD (60%) is utilized, as only 30% of the state is served by sewerage. As per the current estimates (2018 population), the population dependent on Onsite Sanitation Systems (OSS) in Uttarakhand generates a total of approx. 957 KLD of Septage (based on per capita daily estimates) and only 30% is being safely managed by discharging it in the operational STPs of the state. Uttarakhand is one of the priority states under NMCG, NMCG along with the state government has directed to implement co-treatment in

all existing and upcoming STPs in the state. Moreover, the existing potential for co-treatment of septage can be managed initially by utilizing 40% underutilized treatment capacity of operational STPs, which can further be extended to nearby cities without any treatment facilities through cluster approach. Additionally, establishing FSTPs and other septage management approaches such as interim measures of having scientific land application would meet the needs of the overall septage management in the state. Adopting this inclusive approach of utilizing the STPs for co-treatment, along with the other approaches of addressing septage management, will help in achieving Citywide Inclusive Sanitation (CWIS). Increasing the scope of FSS treatment with current sewage treatment, will benefit all stakeholders, including poor and marginalized and have a mixed approach of treatment i.e. on and off site sanitation in order to provide sanitation to all.

Purpose of the Event:

Over the past two years, Uttarakhand state has significantly progressed towards managing safe disposal of septage via various interventions like capacity building of the stakeholders, developing advisory documents and technical documents at state level as well as through hand-holding support for potential cities.

This event will showcase the detailed approach to CWIS and successful case studies at Uttarakhand state, national and international levels. Also, to highlight the status and progress of wastewater and septage management situations in Uttarakhand and key initiatives taken at different levels of administration, i.e. at the state and city level. The event will also seek to envisage the way forward for the state with respect to CWIS in the discourse of inclusivity and climate change.



State Consultation Event on Citywide Inclusive Sanitation (CWIS) in Uttarakhand

Registration	09:30 – 10:00
<p>Introduction and Context Setting: Dr. Mahreen Matto, Team Lead, NIUA</p> <p>Welcome Address: Shri Hitesh Vaidya, Director, NIUA</p> <p>Keynote Address: Shri Rajiv Ranjan Mishra IAS (Retd.), Advisor, NIUA (Former Director General, National Mission for Clean Ganga)</p> <p>Keynote Address: Shri Deependra Kumar Chaudhari IAS, Secretary, Uttarakhand Development Department</p> <p>Keynote Address: Shri Nitesh Kumar Jha IAS, Secretary, Uttarakhand Peyjal</p> <p>Keynote Address: Shri Anand Bardhan IAS, Addl. Chief Secretary, Govt. of Uttarakhand</p> <p>Inaugural Address: Shri Premchand Aggarwal, Minister of Urban Development & Housing, Govt. of Uttarakhand</p>	10:00 – 11:15
<p>Launch of Documents and Felicitations Ceremony</p> <p>Cities to be Awarded: Haridwar, Rishikesh, Rudrapur, Ramnagar, Haldwani, Roorkee - ODF++, Chamba - ODF++, Dehradun - ODF++, Muni ki Reti - ODF++</p>	11:15 - 11:45
High Tea	11:45 – 12:00
<p>Sanitation Journey in Uttarakhand in the discourse of CWIS and Climate Change</p> <p>Speaker: NIUA</p> <p>Session I: Policy and Advisory for Uttarakhand</p> <p>Speaker: NIUA</p> <p><i>State advisory note co-treatment of FSS with sewage in STPs</i></p> <p><i>State Strategy and Investment Plan: FSSM in Uttarakhand</i></p> <p><i>Advisory note for ULBs for Operationalizing State Septage Management Protocol</i></p>	12:00 – 12:50
<p>Session II: State-wide perspective on key Verticals</p> <p>State Policy and Advisory interventions and opportunities:</p> <p>Speaker: Shri Ravi Pandey, Superintending Engineer, Urban Development Directorate</p> <p>20 mins</p> <p>Co-treatment of septage with sewage in Ganga towns:</p> <p>Speaker: Shri Deepak Malik, General Manager (Ganga), Uttarakhand Peyjal Nigam</p> <p>15 mins</p> <p>ADB's engagement with Uttarakhand Govt. and CWIS in Dehradun:</p> <p>Speaker: Ms. Jane Olley, Senior Expert, Asian Development Bank</p> <p>20 mins</p> <p>Speaker: Shri Dhawal Patil, Sanitation Specialist- National Expert, Asian Development Bank</p> <p>Capacity Building in Uttarakhand:</p> <p>Speaker: Shri Manoj Pande, Incharge CGG, DRST Uttarakhand Academy of Administration</p> <p>15 mins</p>	12:50- 14:00
Lunch	14:00 – 15:00
<p>Session III: Success stories of WASH:</p> <p>Rudrapur Nagar Nigam</p> <p>Speaker: Shri Shivam Dwivedi, Executive Engineer, PIU AMRUT, Uttarakhand Peyjal Nigam Kashipur</p> <p>10 mins</p> <p>Rishikesh Nagar Nigam</p> <p>Speaker: Shri Merazuddin Ahmed, State Technical Advisor, GIZ</p> <p>10 mins</p>	15:00 - 15:20
<p>Session IV: National and International learnings on FSSM/CWIS</p> <p>State wide FSSM journey of Odisha:</p> <p>Speaker: Shri Sandipan Sarangi, Team Leader, FSSM-TSU, H&UDD Dept, Odisha</p> <p>20 mins</p> <p>Learnings from Urban Inclusive Sanitation Initiatives</p> <p>Speaker: Dr. Suresh Kumar Rohilla, Programme Lead, International Water Association</p> <p>20 mins</p> <p>Inclusion of sanitation worker's safety and SHG conversions across sanitation value chain</p> <p>Speaker: Ms. Prerna Somani and Rashmita Patel, Urban Management Centre</p> <p>20 mins</p>	15:20 - 16:20
<p>Way Forward for streamlining CWIS in Uttarakhand and Closing Address:</p> <p>Speaker: Shri Uday Raj Singh IAS, Addl. Secretary, Uttarakhand Peyjal (Namami Gange)</p> <p>10 mins</p> <p>Speaker: Shri Navneet Pande IAS, Addl. Secretary, Urban Development</p> <p>10 mins</p>	16:20 - 16:40
<p>Closure/Vote of Thanks: NIUA</p>	16:40 - 16:50
Tea	16:50 onwards