

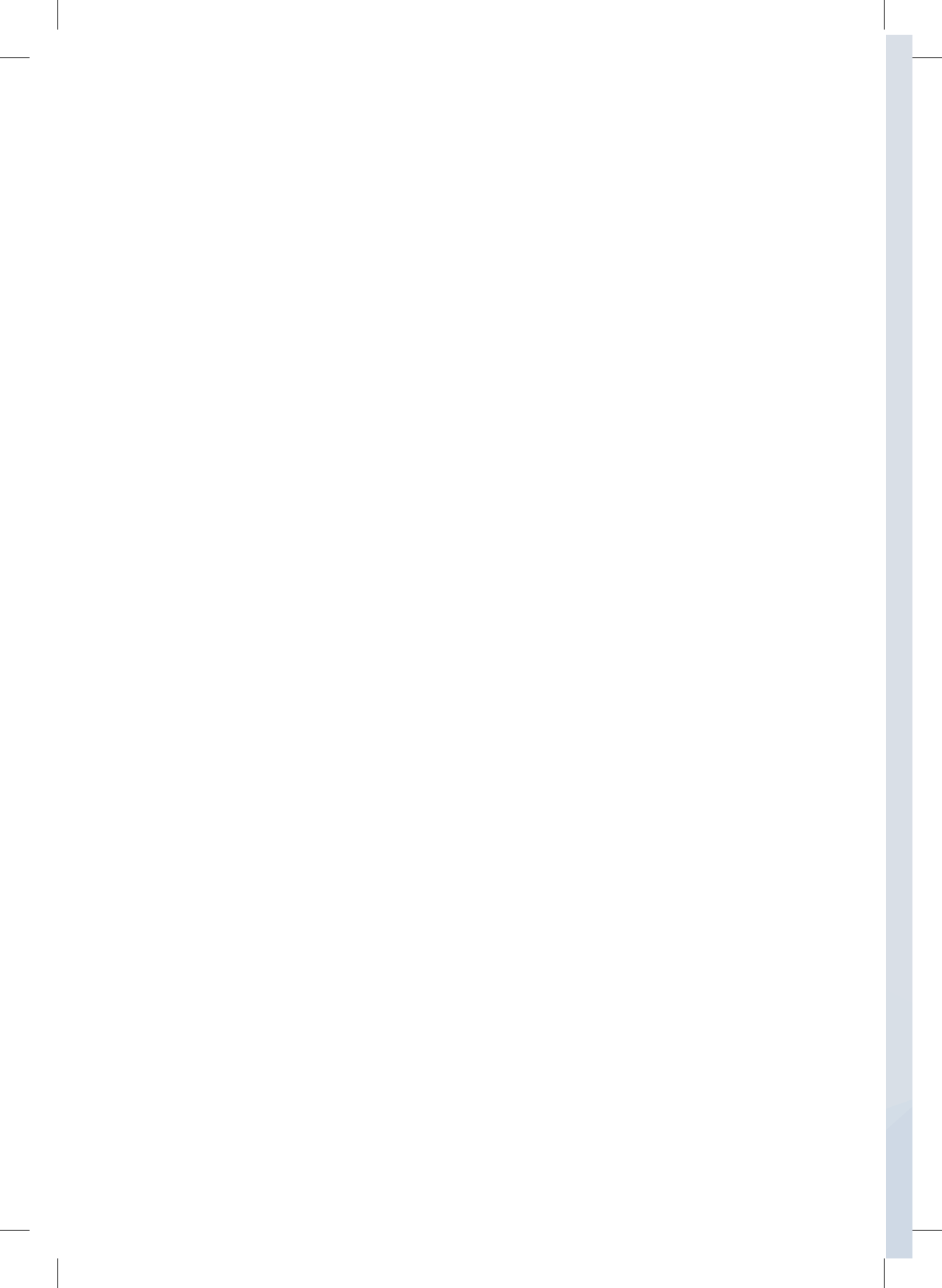


# State Consultation Event on Citywide Inclusive Sanitation in Uttarakhand

📅 19<sup>th</sup> October, 2022

📍 Fairfield by Marriott, Dehradun





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## STATE CONSULTATION EVENT ON CITYWIDE INCLUSIVE SANITATION (CWIS) IN UTTARAKHAND

### REGISTRATION OF PARTICIPANTS

09:30 hrs – 10:00 hrs

#### INTRODUCTION AND CONTEXT SETTING

10:00 hrs – 11:15 hrs

### WELCOME AND INTRODUCTION

*Dr. Mahreen Matto, Team Lead, SCBP, NIUA*

### WELCOME ADDRESS

*Shri Hitesh Vaidya, Director, NIUA*

### KEYNOTE ADDRESS

*Shri Rajiv Ranjan Mishra IAS (Retd.), Advisor, NIUA (Former Director General, National Mission for Clean Ganga)*

### KEYNOTE ADDRESS

*Shri Deependra Kumar Chaudhari IAS, Secretary, Uttarakhand Development Department*

### KEYNOTE ADDRESS

*Shri Nitesh Kumar Jha IAS, Secretary, Uttarakhand Peyjal*

### KEYNOTE ADDRESS

*Shri Anand Bardhan IAS, Addl. Chief Secretary, Govt. of Uttarakhand*

### INAUGURAL ADDRESS

*Shri Premchand Aggarwal, Minister of Urban Development & Housing, Govt. of Uttarakhand*

### LAUNCH OF DOCUMENTS AND FELICITATION CEREMONY

11:15 hrs – 11:45 hrs

**Cities to be Awarded:** Haridwar, Rishikesh, Rudrapur, Ramnagar, Haldwani, Roorkee - ODF++, Chamba - ODF++, Dehradun - ODF++, Muni ki Reti - ODF++

HIGH TEA: 11:45 hrs – 12:00 hrs

### SANITATION JOURNEY IN UTTARAKHAND IN THE DISCOURSE OF CWIS AND CLIMATE CHANGE

**Speaker:** NIUA

12:00 hrs – 12:00 hrs

#### SESSION I: POLICY AND ADVISORY FOR UTTARAKHAND

12:20 hrs – 12:50 hrs  
(10 mins each)

### POLICY AND ADVISORY FOR UTTARAKHAND

**Speaker:** NIUA

*State advisory note on Co-treatment of FSS with Sewage in STPs*  
*State Strategy and Investment Plan: FSSM in Uttarakhand*  
*Advisory note for ULBs for Operationalizing State Septage Management Protocol*

#### SESSION II: STATE-WIDE PERSPECTIVE ON KEY VERTICALS

12:50 hrs – 13:00 hrs

### STATE POLICY AND ADVISORY INTERVENTIONS AND OPPORTUNITIES

**Speaker:** Shri Ravi Pandey, Superintending Engineer, Urban Development Directorate

20 mins

### CO-TREATMENT OF SEPTAGE WITH SEWAGE IN GANGA TOWNS

**Speaker:** Shri Deepak Malik, General Manager (Ganga), Uttarakhand Peyjal Nigam

15 mins

## ADB'S ENGAGEMENT WITH UTTARAKHAND GOVT. AND CWIS IN DEHRADUN

20 mins

**Speaker:** Ms. Jane Olley, Senior Expert, Asian Development Bank

**Speaker:** Shri Dhawal Patil, Sanitation Specialist-National Expert, Asian Development Bank

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## CAPACITY BUILDING IN UTTARAKHAND

**Speaker:** Shri Manoj Pande, Incharge CCG, DRST Uttarakhand Academy of Administration

15 mins

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LUNCH: 14:00 hrs – 15:00 hrs

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### SESSION III: SUCCESS STORIES OF WASH

15:00 hrs - 15:20 hrs

(10 mins each)

#### RUDRAPUR NAGAR NIGAM

**Speaker:** Shri Shivam Dwivedi, Executive Engineer, PIU AMRUT, Uttarakhand Peyjal Nigam Kashipur

#### RISHIKESH NAGAR NIGAM

**Speaker:** Shri Merazuddin Ahmed, State Technical Advisor, GIZ

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### SESSION IV: NATIONAL AND INTERNATIONAL LEARNINGS ON FSSM/ CWIS

15:20 hrs - 16:20 hrs

(20 mins each)

## STATE WIDE FSSM JOURNEY OF ODISHA:

**Speaker:** Shri Sandipan Sarangi, Team Leader, FSSM-TSU, H&UDD Dept, Odisha

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## LEARNINGS FROM URBAN INCLUSIVE SANITATION INITIATIVES:

**Speaker:** Dr. Suresh Kumar Rohilla, Programme Lead, International Water Association

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## INCLUSION OF SANITATION WORKER'S SAFETY AND SHG CONVERSIONS ACROSS SANITATION VALUE CHAIN

**Speaker:** Ms. Perna Somani and Rashmita Patel, Urban Management Centre

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## WAY FORWARD FOR STREAMLINING CWIS IN UTTARAKHAND AND CLOSING ADDRESS:

16:20 hrs- 16:40 hrs

**Speaker:** Shri Uday Raj Singh IAS, Addl. Secretary, Uttarakhand Peyjal (Namami Gange)

**Speaker:** Shri Navneet Pande IAS, Addl. Secretary, Urban Development

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## CLOSURE/VOTE OF THANKS:

NIUA

16:40 hrs- 16:50 hrs

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TEA: 16.50 hrs ONWARDS

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## About the Consultation Event

### Concept

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 Atal Mission for Rejuvenation and Urban Transformation (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 Pwajal 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 (ULB), is majorly dependent on OSS systems (approximately 80%). 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

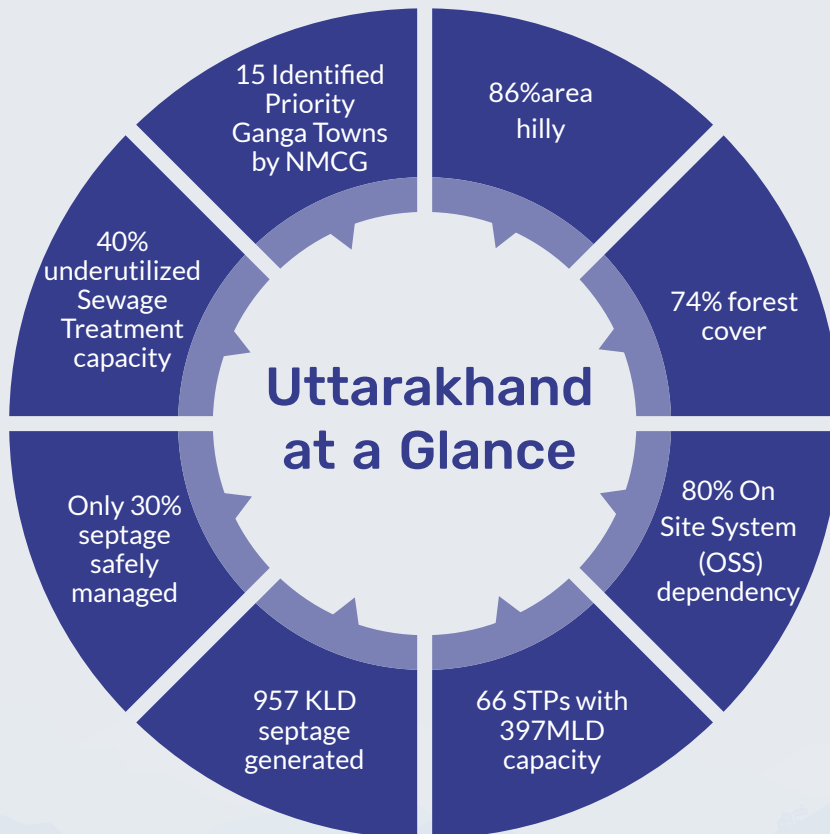
20% of the state is served by sewerage. As per the current estimates (2018 population), the population dependent on Onsite Sanitation Systems (OSS) in Uttarakhand generates a total of approx. 957 KLD of Septage (based on per capita daily estimates) and only 30% is being safely managed by discharging 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 Faecal Sludge Treatment Plants (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 faecal sludge and septage 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

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.



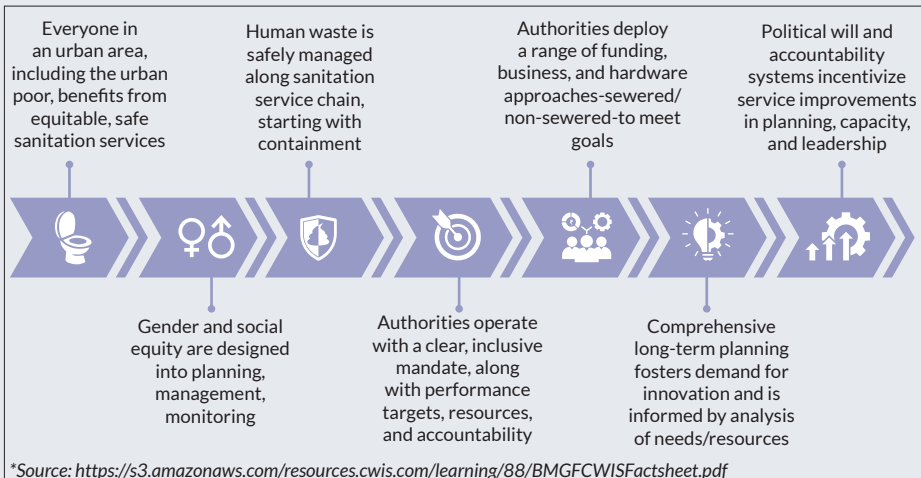
## About CWIS

Citywide Inclusive Sanitation (CWIS) is a public service approach to advance Equitable, Safe, and Sustainable outcomes, by strengthening the design and implementation of core public system functions of Responsibility, Accountability, and Resource Planning and Management.

\*Source: <https://www.cwiscities.com/>

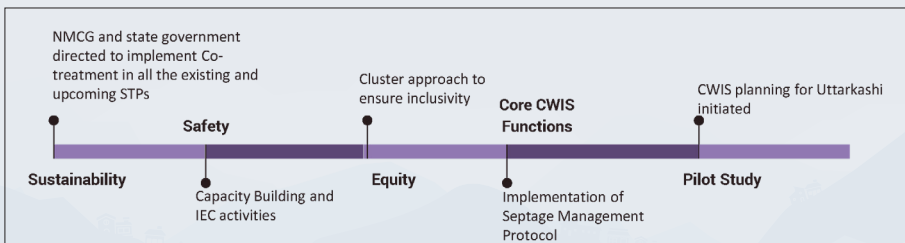
CWIS SERVICE FRAMEWORK			
	EQUITY	SAFETY	SUSTAINABILITY
CORE CWIS OUTCOMES	Services reflect fairness in distribution and prioritization of service quality, prices, and deployment of public finance/subsidies.	Services safeguard customers, workers, and communities from safety and health risks—reaching <i>everyone</i> with safe sanitation.	Services are reliably and continually delivered based on effective management of human, financial and natural resources.
CORE CWIS FUNCTIONS	RESPONSIBILITY An authority(ies) executes a clear public mandate to ensure safe, equitable, and sustainable sanitation for all.	ACCOUNTABILITY Authorities' performance against their mandate is monitored and managed with data, transparency and incentives.	RESOURCE PLANNING AND MANAGEMENT Resources—human, financial, natural, assets—are effectively managed to support execution of mandate across time/space.

\*Source: <https://s3.amazonaws.com/resources.cwis.com/learning/88/BMGFCWISFactsheet.pdf>



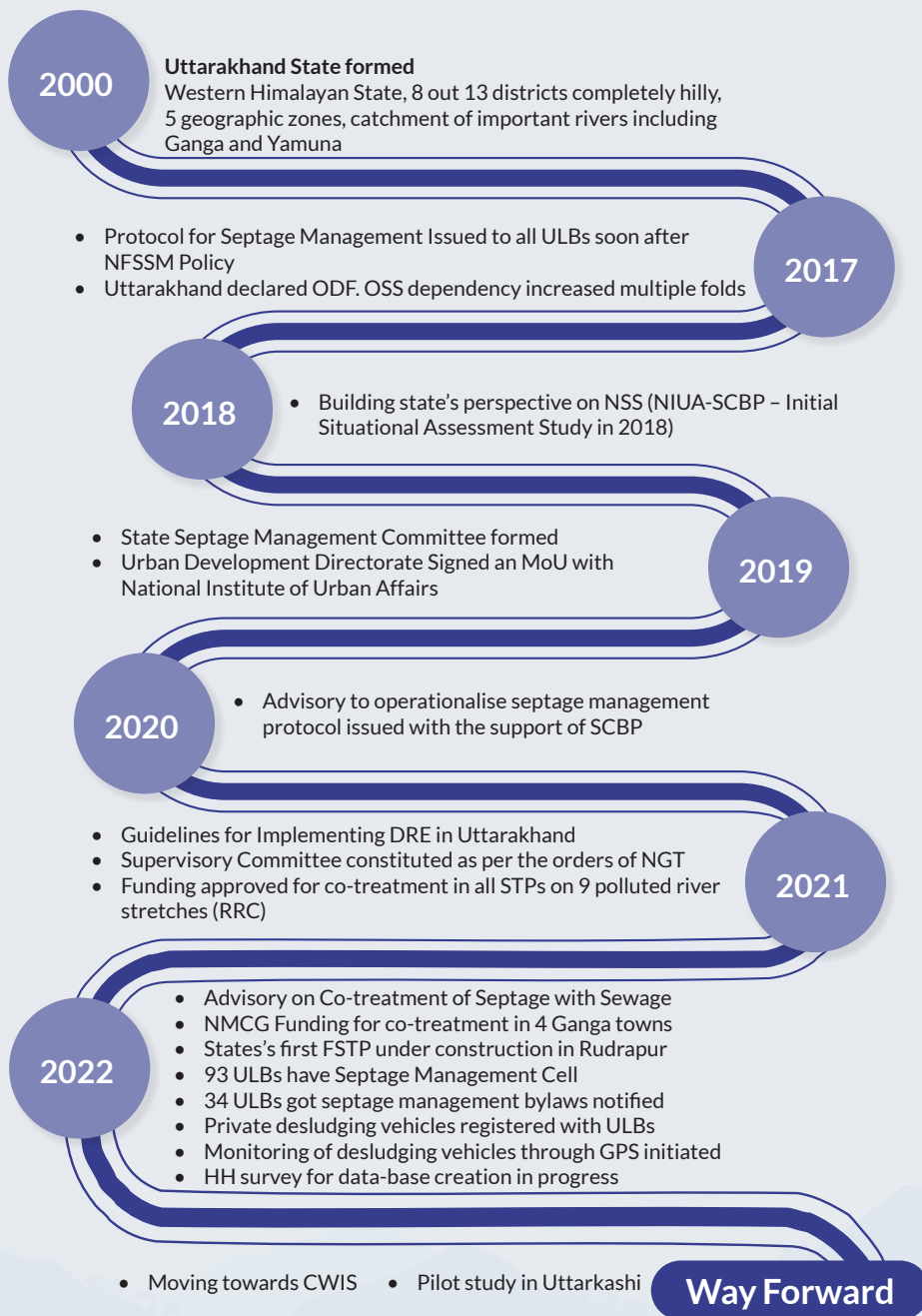
\*Source: <https://s3.amazonaws.com/resources.cwis.com/learning/88/BMGFCWISFactsheet.pdf>

## Uttarakhand Initiatives towards CWIS





## Uttarakhand's FSSM Journey

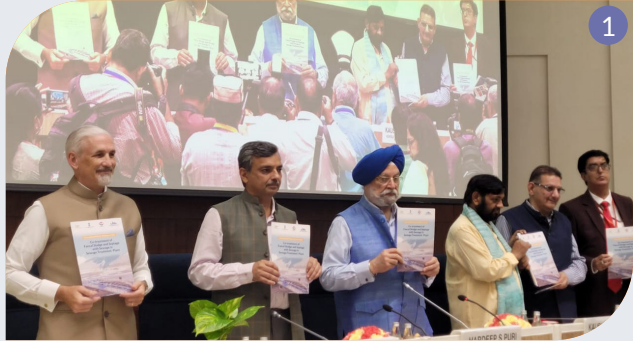


# EVENTS AND ACHIEVEMENTS

**1** Display and launch of The State Advisory note on Co-treatment of Septage with Sewage issued by Uttarakhand PeyJal, Government of Uttarakhand, with the support of SCBP-NIUA on World Habitat Day in New Delhi, in the presence of Honourable Minister of Ministry of Housing and Urban Affairs, Sh. Hardeep Singh Puri and other senior dignitaries

**2** Display and launch of winning entries of the Urban Sanitation Photostory Competition orchestrated by SCBP-NIUA on World Habitat Day in New Delhi, in the presence of Honourable Minister of Ministry of Housing and Urban Affairs, Sh. Hardeep Singh Puri

World  
Habitat  
Day



**3** Specialized Training session on Integrated Wastewater and Septage Management at ATI Nainital, conducted by SCBP-NIUA

**5** NIUA signing MoU with International Water Association collaborating for scaling up capacity building, partnerships & cross learning, at the World Water Congress 2022, Copenhagen, Denmark

**4** SCBP-NIUA showcasing experiences of Uttarakhand at the World Water Congress 2022, Copenhagen, Denmark

6 First consultation meet of 'Forum for Inclusive and Resilient Sanitation in Hill Cities' in Leh, Ladakh by SCBP-NIUA in partnership with BORDA-SA, in association with Directorate of Urban Local Bodies, Union Territory, Ladakh and LEDeG



## Hilly Forum

7 Site Visit to Leh FTSP at the 'Forum for Inclusive and Resilient Sanitation in Hill Cities' in Leh, Ladakh organized by SCBP-NIUA in partnership with BORDA-SA, in association with Directorate of Urban Local Bodies, Union Territory, Ladakh and LEDeG



8 Exposure Visit of Uttarakhand State Officials to Odisha on Faecal Sludge and Septage Management



9 Demonstration of Board Game as a tool for capacity building at Smart Cities, Smart Urbanisation Conference 2022, Surat by SCBP-NIUA and partner, Office of Design & Development

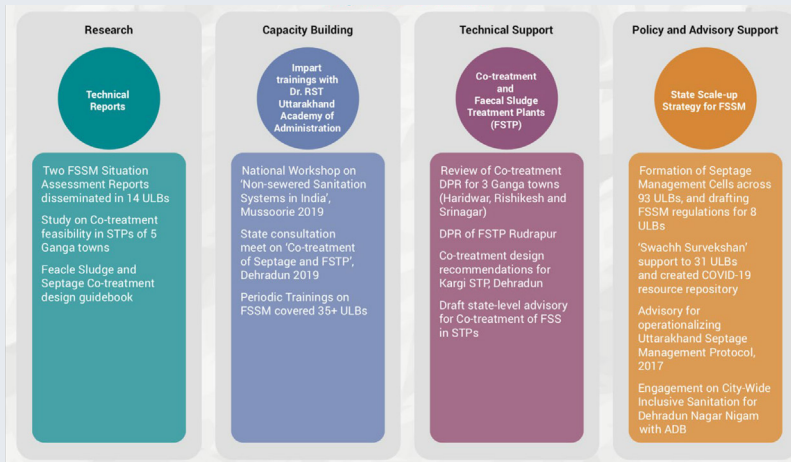
10 SCBP-NIUA received the "Best Skilling Initiative for Sanitation" award at the 5th ISC-FICCI Sanitation Awards 2021

## About SCBP

Sanitation Capacity Building Platform (SCBP) supports the Government of Uttarakhand's Urban Development Directorate (UDD) to move from ODF to ODF++.

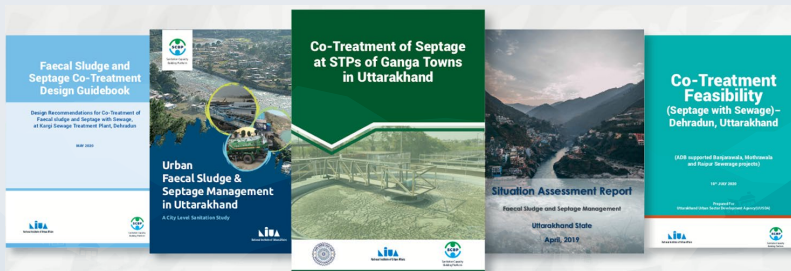
SCBP provides support to select ULBs for FSSM pilot projects, and works closely with the UDD, Peyjal Nigam and Jal Sansthan for developing FSSM state strategies through policy advisories and investment plans. SCBP provides technical assistance in the form of DPRs, feasibility reports and city assessment plans; organises capacity development of key officials through training programs and workshops; and strengthens institutional capacity of nodal training institutes (DRST UAoA) and academic institutes (IIT Roorkee) in the state.

## Key Result (till date)



SCBP is an initiative of the National Institute of Urban Affairs (NIUA) to address urban sanitation challenges in India. It seeks to promote non-sewered sanitation solutions for septage and wastewater management in India. Supported by a Bill & Melinda Gates Foundation grant, the Platform is a collaboration of national and international organizations, universities, training and resource centres, NGOs, academia, consultants and experts. SCBP works in association with the National Faecal Sludge and Septage Management (NFSSM) Alliance.

## Publications and Reports





## ABOUT NIUA

National Institute of Urban Affairs (NIUA) is India's leading think tank on urban planning and development. NIUA's Sanitation Capacity Building Platform (SCBP) aims to address urban sanitation challenges in India, through capacity development of stakeholders in urban sanitation. This can facilitate improved delivery of sanitation services through implementation of citywide inclusive sanitation approach and adoption of non-sewered sanitation, including Faecal Sludge and Septage Management (FSSM). Through its experience and learnings over the past five years, SCBP has developed a normative framework for states on mainstreaming non-sewered sanitation. To deliver proof of concept of this framework, SCBP is working in Uttarakhand and providing capacity building, technical, and policy & advisory support on Integrated Wastewater and Septage Management (IWSM) at the state and ULB levels.



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