



National Institute of Urban Affairs



Sanitation Capacity Building Platform

What is SCBP

Sanitation Capacity Building Platform (SCBP) is an initiative of the National Institute of Urban Affairs (NIUA) for addressing urban sanitation challenges in India and it is supported by the Bill & Melinda Gates Foundation grant. It is aimed at promoting non-sewered sanitation solutions for septage and wastewater management in India.

The Platform is an organic and growing collaboration of credible national and international organizations, universities, training and resource centers, non-governmental organizations, academia, consultants and experts. SCBP works in close collaboration with the National Faecal Sludge and Septage Management (NFSSM) Alliance. Read more: scbp.niua.org

GOAL

To build the capacity of city officials and other stakeholders working in urban sanitation to ensure improved delivery of sanitation services through implementation of non-sewered sanitation including Faecal Sludge & Septage Management (FSSM)

THEMATIC AREAS

Developing Innovative Training Modules

Training Delivery

Institutional Strengthening

Research & Advocacy

Policy Advice

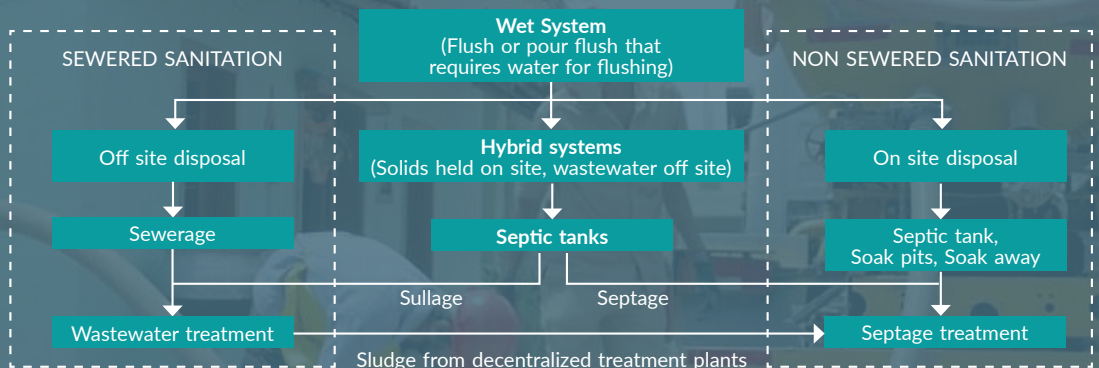
Technical Support

Knowledge Building through Learning Events

Why non-sewered sanitation

According to the Ministry of Housing and Urban Affairs (MoHUA), Government of India, 60% of the urban population in the country relies on on-site sanitation, such as septic tanks, pit latrines and soak pits. Therefore, non-sewered sanitation options are critical for achieving the goals for urban sanitation under various national missions.

FSSM is the safe collection and transportation of faecal sludge from the containment system, treatment of the sludge at a designated site, followed by safe disposal or reuse of the treated sludge from onsite sanitation systems such as pit latrines, septic tanks.



Source: Faecal Sludge Treatment Systems Design Module (NIUA, 2019)

In the Indian context, the hybrid system is prevalent wherein the solids are contained in the septic tank at the household level and the supernatant is disposed off into the drains outside the houses. Since a network of drains is involved for the conveyance of the sullage, these systems cannot be classified as completely sewered or non-sewered sanitation system.



Author: BMGF

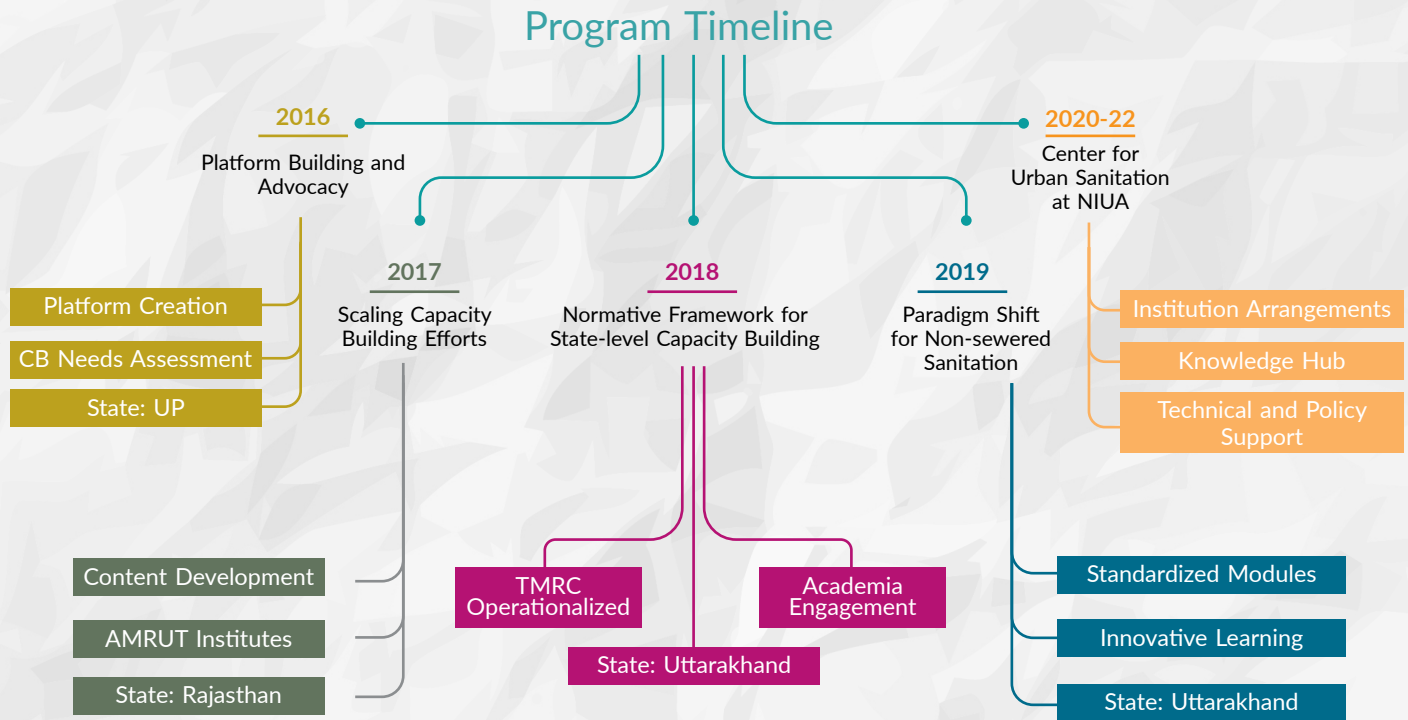
CONTAINMENT > EMPTYING > TRANSPORT > TREATMENT > REUSE/DISPOSABLE

How the Platform works

The Platform lends support to the Ministry of Housing and Urban Affairs (MoHUA), Government of India, by focusing on urban sanitation and supporting states and cities to move beyond the ODF status by addressing safe disposal and treatment of faecal sludge and septage.

SCBP's core work is capacity building for non-sewered sanitation and integrated wastewater management. From 2015 onwards, the Platform has developed a portfolio of training modules, research reports and forged institutional and knowledge partnerships to deliver capacity building for FSSM at scale.

To sustain capacity building efforts in the long run, SCBP aims to generate a pool of trainers on FSSM through Training of Trainers (ToTs), thereby enabling national training institutes to conduct trainings for cadre of government officials on FSSM.



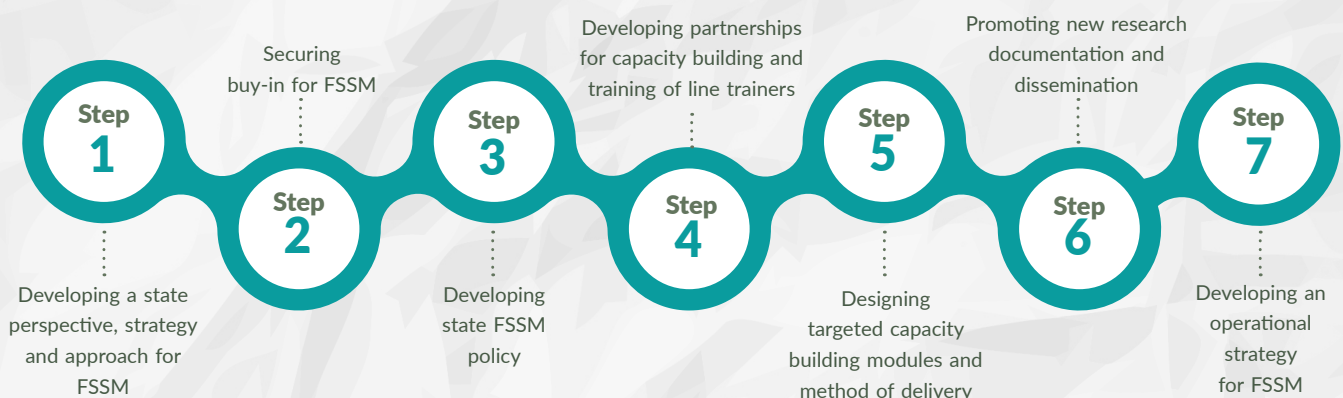
About Training Module Review Committee (TMRC)

To ensure quality control in content and delivery of trainings and capacity building efforts, a Training Module Review Committee (TMRC) was formed with the collaborative effort of NFSSMA partners. TMRC which is anchored by NIUA, has the following broad objectives:

- Identification of priority stakeholders and accordingly develop training modules for capacity building.
- Development of a normative framework – for capacity building at state level.
- Standardization of priority training modules for customization based on state context.
- Development of digital FSSM capacity development strategy to agree on the modules that could be developed and rolled out.
- Quality control of training content and delivery.
- Strategy for measuring impact of trainings and capacity building efforts.

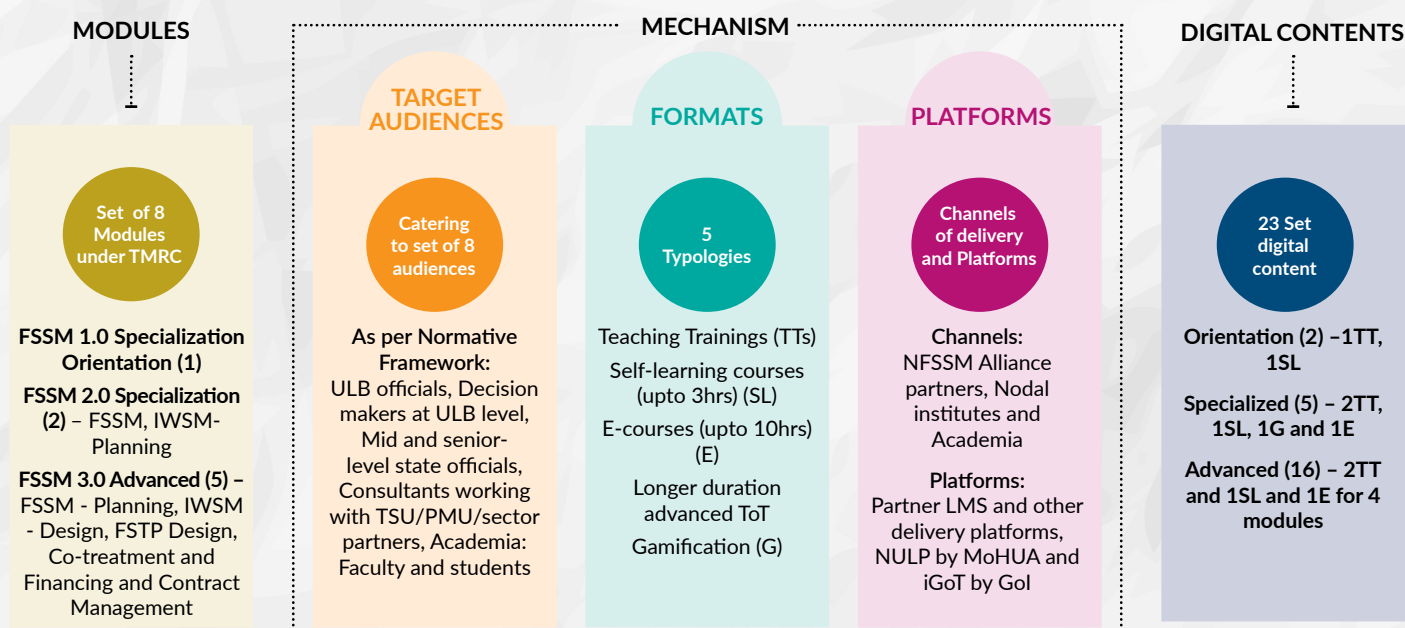
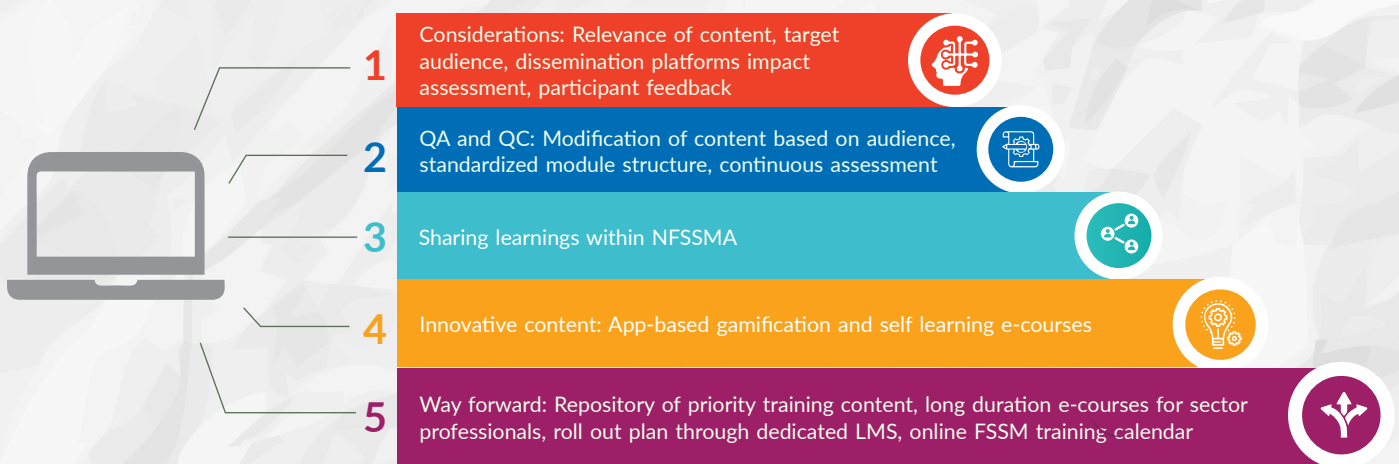
Capacity Building for FSSM

Normative framework for State-level Capacity Building



Digital Strategy

In order to scale capacity building efforts, a strategy for dissemination of content through various digital means was conceptualized. The strategy lays out the different modules developed, the target audience for each, the delivery mechanisms available in terms of typologies and platforms, and also includes innovative content delivery mechanisms.



Institutional Capacity Building for FSSM

National Institutes / Nodal AMRUT Training Agencies

- Training of Trainers with faculties of 13 Nodal Training Institutes on various aspects of FSSM such as Orientation, Planning, Integrated Wastewater and Septage Management, Designing of Treatment Systems and Co-treatment
- Resource person and training content support to Nodal Institutes for the delivery of Advanced training on FSSM
- Advanced Training of government officials in various States, through a network of Nodal Training Institutes
- Exposure visits on FSSM and Wastewater management to successfully implemented case studies of India and abroad for government officials of Nodal Institutes

Capacity Building of Sector Experts

- Training of Trainers for Alliance Partners, Consultants, Academicians, Planners, and other professionals
- Training of Trainers with sector experts at the international level (South Asia and Africa)

Academia Engagement

- A multi-disciplinary engagement with 9 academic institutes (3 Engineering, 2 Architecture, 2 Urban planning, 1 Humanities and 1 Management) to integrate non-sewered sanitation & FSSM into course curriculum through 24 courses:



- National Academia Conclave on Urban Sanitation was organized in 2019 – an annual learning event for students and faculties to discuss, share and reflect upon learnings under this engagement

National Support

- Urban Water and Wastewater Policy framework, workbook and evaluation metrics for Smart Cities learning portal
- Support for drafting of National Urban Sanitation Policy (NUSP 2.0) and Integrated Urban Water Policy (2019)

Supporting select State governments, their Para-statal Agencies, Towns and Urban Local Bodies



Uttar Pradesh

- Developed State FSSM Operations Policy (Draft)
- Exposure visits and orientation on FSSM for ULBs
- Planning support on faecal sludge treatment budgets for 61 AMRUT towns for the State Annual Action Plan (SAAP)
- Technical support to develop the first DPR for an FSTP in the state (Unnao town)
- Supported RCUES Lucknow for conducting FSSM training for ULBs and research in few towns



Rajasthan

- Four phased capacity building platform developed
- Division-level sensitization/orientation training on FSSM for all 191 ULBs
- Advanced training on Designing of FSTPs and Planning for FSSM
- Exposure visits on Technology and Financing Options, Co-treatment and Integrated Wastewater and Septage Management
- Advanced training on Designing of FSTPs and Planning for FSSM
- International exposure visit for select state officials
- Review of State FSSM Operational Guidelines
- Support for preparation of DPR for 5 towns and co-treatment guidelines in 29 AMRUT towns



Odisha

- Support for drafting of Solid and Liquid Waste Management Policy (Rural), Govt of Odisha
- City Sanitation Plans for 4 AMRUT towns in Odisha



Andaman and Nicobar Islands

- Support to Port Blair Municipal Corporation for DPR of FSTP; Rapid Assessment Study for scaling up decentralized sanitation system in Port Blair



Uttarakhand: Ongoing state support (2019- Present)

Through a Technical Support Unit in Uttarakhand, SCBP is currently supporting the state government on various aspects of FSSM including undertaking city and state assessments and research, capacity building initiatives and exposure visits, advocacy and learning events through collaborations with universities and state training institute, and policy advice.

Research

Technical Reports

Two FSSM Situation Assessment Reports disseminated in 14 ULBs

Study on Co-treatment feasibility in STPs of 5 Ganga towns

Faecal Sludge and Septage Co-treatment design guidebook

Capacity Building

Trainings with Dr. RST Uttarakhand Academy of Administration

National Workshop on Non-sewered Sanitation Systems in India', Mussoorie 2019

State consultation meet on 'Co-treatment of Septage and FSTP', Dehradun 2019

Periodic Trainings on FSSM covered 35+ ULBs

Technical Support

Co-treatment and Faecal Sludge Treatment Plants

Review of Co-treatment DPR for 3 Ganga towns (Haridwar, Rishikesh and Srinagar)

DPR of FSTP Rudrapur

Co-treatment design recommendations for Kargi STP, Dehradun

Draft state-level advisory for co-treatment of FSS in STPs

Policy and Advisory Support

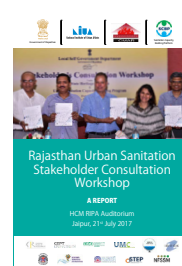
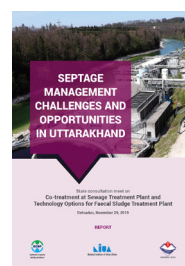
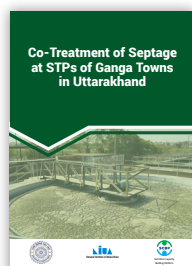
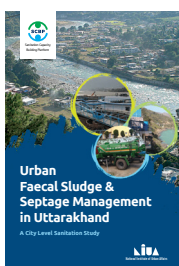
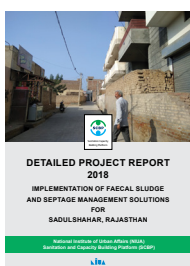
State Scale-up Strategy for FSSM

Formation of Septage Management Cells across 91 ULBs, and drafting FSSM regulations for 8 ULBs

Swachh Survekshan support to 31 ULBs

Advisory for operationalizing Uttarakhand Septage Management Protocol, 2017

Engagement on City-Wide Inclusive Sanitation for Dehradun Nagar Nigam with ADB



SCBP Knowledge Management Portal

SCBP Portal (<https://www.niua.org/scbp/>) is a one-stop knowledge hub on FSSM. The portal serves as a repository of information, knowledge resources including modules, research reports, technical and training reports etc.

Policies

- A library of national, state and city-level documents, including policies, guidelines, rules and regulations, advisories and frameworks, has been created for ready reference for different stakeholders.
- A repository of all tender documents and RFPs released by state and city governments are available on the portal.



Knowledge Products

Training Modules

Targeting stakeholders across the country, SCBP is reviewing existing modules and developing new modules related to various technical, administrative and managerial aspects of FSSM.

Technical Reports

NIUA has engaged with multiple state governments and ULBs for developing technical reports including DPRs, drafting regulations and Standard Operating Procedures, operational guidelines and policies. The TSU is assisting the Govt. of Uttarakhand in the development and drafting of these reports, as required.

Advocacy and Outreach

A Normative Framework was prepared to serve as a guiding document for capacity building of officials, and prepared two strategy documents, on capacity building through digital means. To advocate for FSSM at the highest levels, NIUA has hosted and participated in multiple workshops, learning events and conferences.

Additional Material

In addition to the above, the portal also contains reports, case studies and documents prepared by NFSSM Alliance partners, under Knowledge Resources.



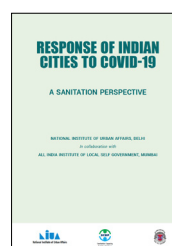
Activities

- A TMRC calendar has been created for nodal institutions and organizations working on FSSM to add details of any upcoming events, such as trainings, workshops, webinars etc., to aid in their outreach efforts. Organisations are also encouraged to share the impact of these events through the impact assessment form provided with the calendar.
- All of SCBP's events are periodically updated on the calendar. The details of these events are classified under the following heads - learning events, consultation meetings, training programs, webinars and online trainings.
- A compendium of FSSM-related videos is included in the gallery.

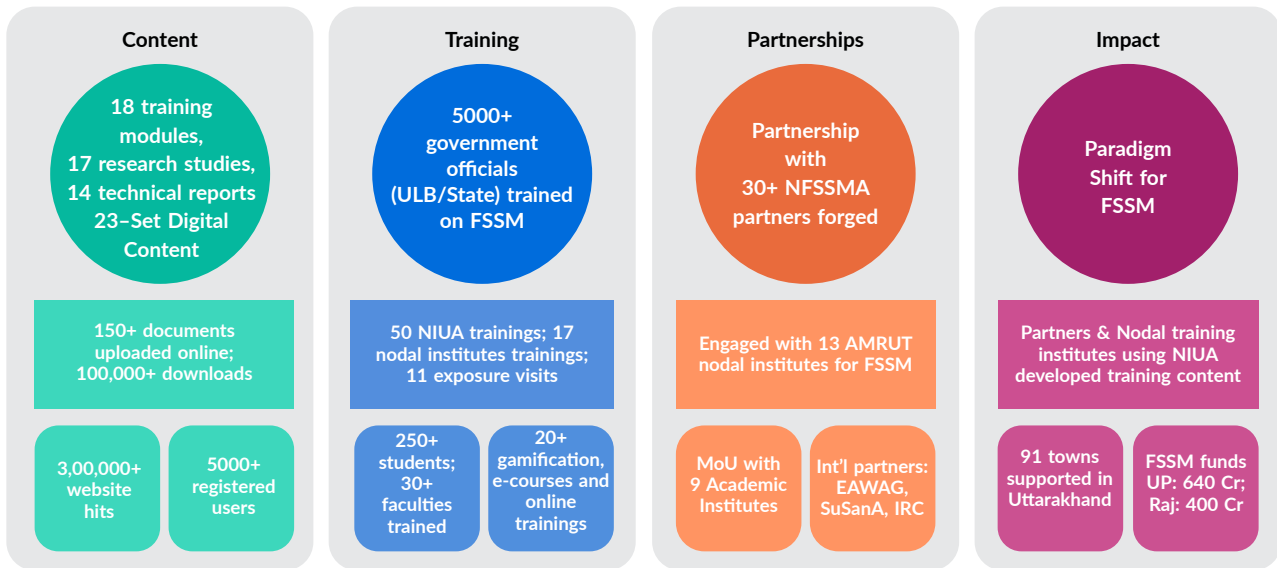


Response to Covid-19

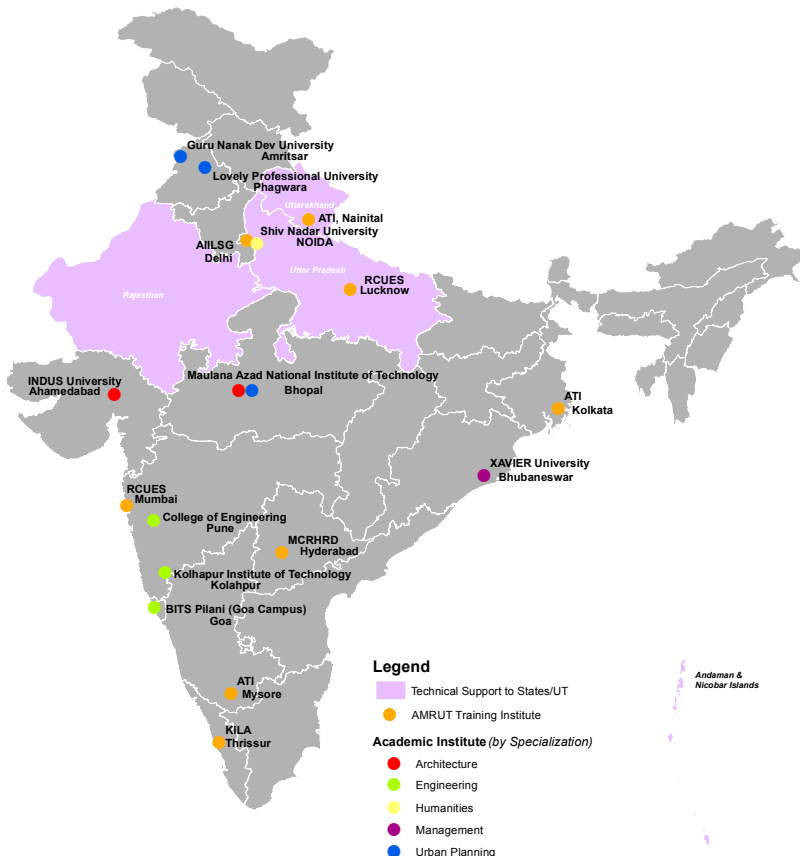
SCBP documented best practices by select ULBs to the Covid-19 outbreak, many of which were also recognised by the central government. A repository of important government advisories and practitioners' guidance material for ULBs, state governments, elected representatives, and sector consultants, was prepared to address Covid-19 and related urban sanitation challenges.



Key Outcomes: SCBP Capacity Building (from 2015 till 2021)



SCBP Engagement with States/UT, Institutes & Academia



About NIUA

NIUA is a premier national institute for research, capacity building and dissemination of knowledge in the urban sector, including sanitation. Established in 1976, it is the apex research body for the Ministry of Housing and Urban Affairs (MoHUA), Government of India.

NIUA is also the strategic partner of the MoHUA in capacity building for providing single window services to the MoHUA/states/ULBs.

The Institute includes amongst its present and former clients Housing and Urban Development Corporation, Niti Ayog, City and Industrial Development Corporation of Maharashtra, USAID, World Bank, Asian Development Bank, GIZ, UNICEF, UNEP, UNOPS, Cities Alliance, Bill & Melinda Gates Foundation, Rockefeller Foundation, Global Green Growth Institute, and Bernard van Leer Foundation.

Partners of the Platform

Download our latest reports, research briefs and training modules at:

<https://niua.org/scbp/>



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