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المنتدى الحضري العالمي
World Urban Forum

Sanitation Capacity Building Platform

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National Institute of Urban Affairs (NIUA)

New Delhi, INDIA

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NE-78, Hall 3, Room 18



Client Name: Bill & Melinda Gates Foundation

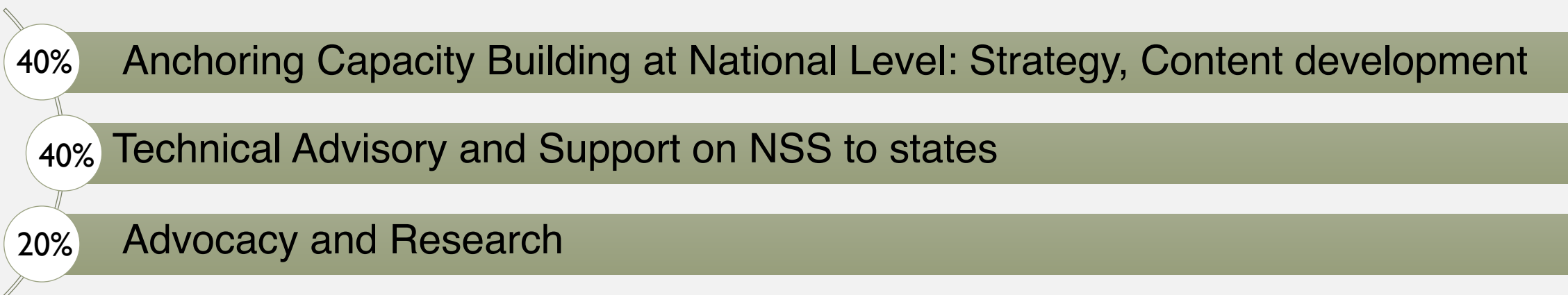
Timeline: Nov 2015 – Oct 2019 (Phase-I)

Nov 2019 – Oct 2021 (Phase-II)

Webpage: scbp.niua.org

(150+ documents, 600+ registered users)

Scope of Work & Outcomes of Phase 1:



**FSSM: Faecal Sludge and Septage Management*

**NSS: Non-Sewered Sanitation*

Capacity Building : National Level

- State Level Capacity Building – State and ULB Officials, Private Sector
- Institutional Capacity Strengthening – Training Institutes, Academia
- Content Development – Modules, Learning Materials, Research Studies

Technical support to State Government and Urban Local Bodies

- Sanitation Situation Assessments – Waste Water and Septage
- Pilot Projects - DPR, Transaction Advisory, Support for Incremental Changes

Policy Framework & Research

- Review of Legal and Institutional Framework
- Formulation of Policy/ Operational Guideline/ Regulations for FSSM

Stakeholders Engaged with

- State Government Officials - Decision makers, Parastatal bodies, Pollution Control Board
- ULB officials – Elected Representatives, Commissioners, Engineer, Sanitary Functionaries
- Others – Masons, Private Operators, Plant Operators

Institutional Capacity strengthening

- Training Institutes
- Academia

Private Sector

- Design Engineers and PMC Consultants
- Working professionals from TSUs and PMUs

SCBP is a Platform for Capacity Building



Nodal Training Institutes

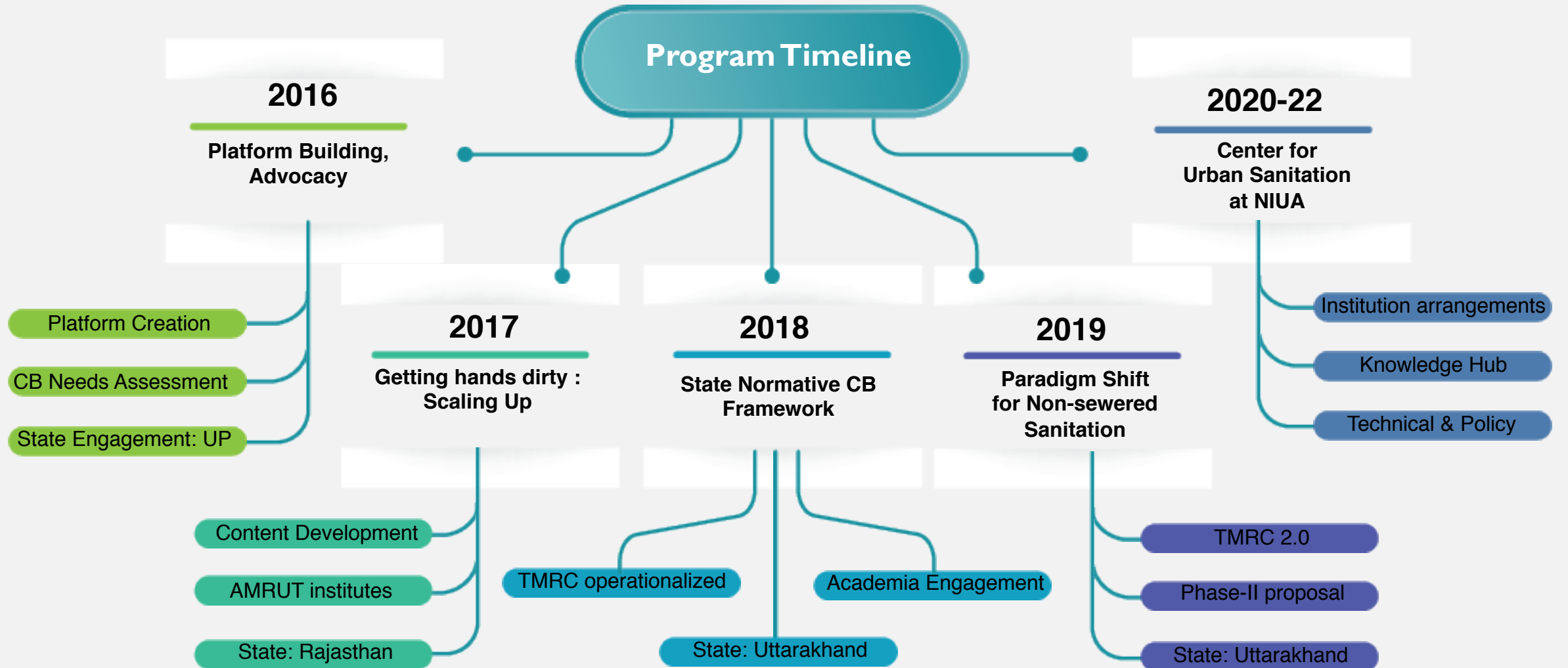
800 officials from 12 states reached through a Network of 7 Training Institutes



Academia

- **Multi-disciplinary engagement:** Engineering, Planning, Architecture, Humanities, Management
- Integration of NSS in course curriculum and workshops
- **1200 Students, 50 faculties, Research Scholars and Working Professionals**





Content

15 modules,
12 research
studies,
10 technical
reports
developed

150+ documents uploaded
online; 9500+ downloads

1,40,000+
website
hits

650+
registered
users

Training

2000+
government
officials
(ULB/State)
trained on
FSSM

22 NIUA trainings; 17 nodal
institutes trainings; 11
exposure visits

250+
students;
30+
faculties
trained

5+
gamificati
on models
developed

Partnerships

Partnership
with 10+
NFSSMA
partners
forged

Engaged with 8 AMRUT
nodal institutes for FSSM

MoU with
9
Academic
Institutes

Int'l
partners:
EAWAG,
SuSanA,
IRC

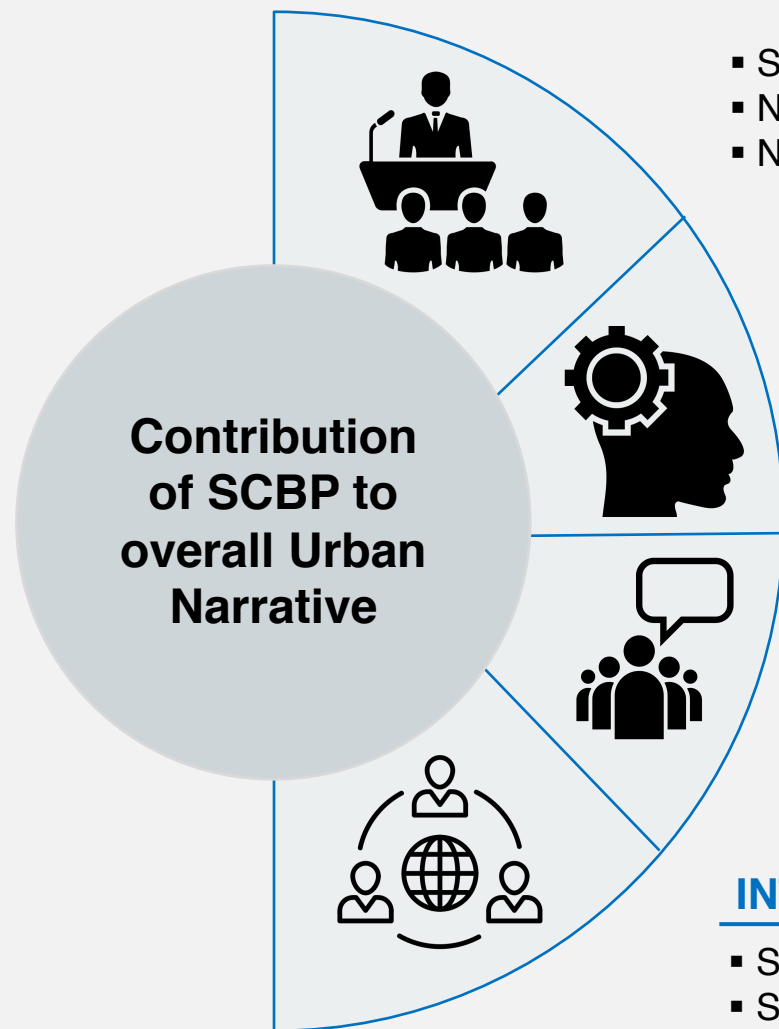
Impact

Paradigm
Shift for
FSSM

Partners & Nodal training
institutes using NIUA
developed training content

6 FSTP in
UP, Raj,
Port Blair,
Rudrapur

UP: 640
Crores;
Rajasthan
: 400+ Cr.



- South-Asia Capacity Building on FSSM (World Toilet Summit, Mumbai 2018): 80+ participants
- National Workshop on Non-Sewered Sanitation (Uttarakhand 2019): 50+ participants
- National Academia Conclave (CEPT University 2019): 100+ students; 30+ faculties, 15 universities

TECHNICAL SUPPORT

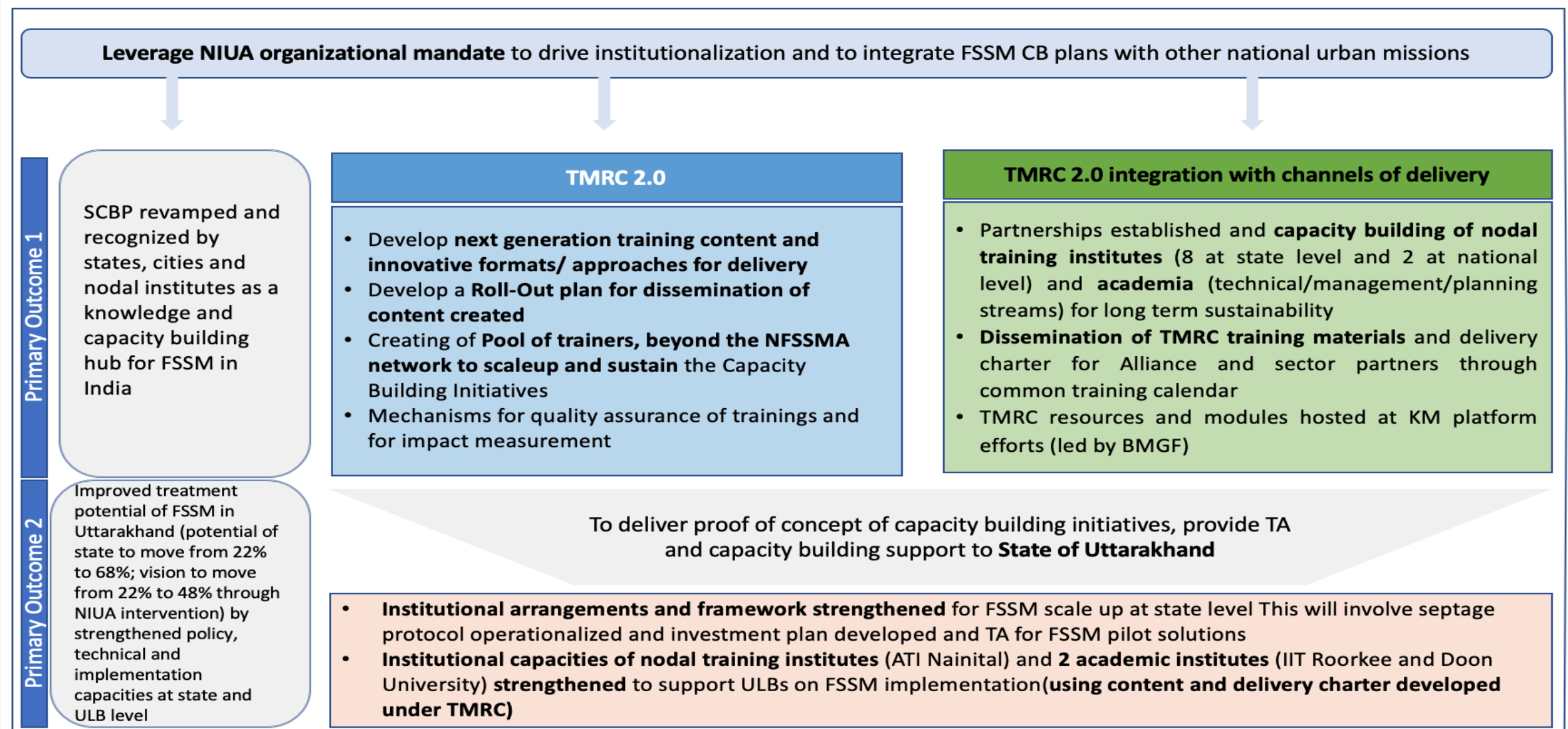
- First DPRs of FSTPs for 4 states
- On demand support to towns : Assessment WAPCOS DPR for Port Blair
- 4 City Sanitation Plans for Odisha towns
- 7 State Urban Sanitation Studies
- Technical Reports : FSTP compendium, Life Cycle Costing Report, Co-Treatment Study

ADVOCACY

- Policy Framework for Water and Waste Water: NUIS, MoHUA
- NUSP 2.0 input for Approach and Capacity Building section
- Odisha Rural Sanitation Policy
- SCBP Portal as a KM repository for NSS in India. MoHUA link needed

INTERNATIONAL PLATFORMS

- SCBP Member of Change Management Task Force of GIZ supported international network: SuSanA
- SCBP is FSM Lead CB Agency in Asia : African partners and Bangladesh reaching out to NIUA
- Academia - Training Institutes - States Collaboration



PRIMARY OUTCOMES	INTERMEDIATE OUTCOMES	OUTPUTS
Sanitation Capacity Building Platform (SCBP) revamped and recognized by states, cities and nodal institutes as a knowledge and capacity building hub for FSSM in India (based on TMRC as the foundation)	Training Module Review Committee (TMRC) 2.0 anchors development of next generation training content for capacity building of stakeholders on FSSM	Training content synthesized and standardized across stakeholders
		Next generation training content developed, i.e., Online Courses/MOOC, Immersive/Animated Learning Material/Videos, Gamification
		Mechanisms for quality assurance of trainings and for impact measurement
	FSSM training (based on TMRC) integrated within existing delivery mechanisms in urban programs through nodal institutes, academia and Alliance/ Sector Partners for long term sustainability	Partnerships established and capacity building of nodal training institutes (8 at state level and 2 at national level) and academia (technical/ management/ planning streams) for long term sustainability
		Dissemination of TMRC training materials and delivery charter for Alliance and sector partners through common training calendar
		Training and capacity building resources and modules hosted within the broader KM platform efforts (led by BMGF) for dissemination of TMRC material at scale

PRIMARY OUTCOMES	INTERMEDIATE OUTCOMES	OUTPUTS
Improved potential for treatment of faecal sludge and septage management in Uttarakhand (potential of state to move from 22% to 68%; vision to move from 22% to 48% through NIUA intervention) by strengthened policy, technical and implementation capacities at state and ULB level	Institutional arrangements and framework strengthened for FSSM scale up at state level	Operationalisation of Septage Protocol and investment plan for FSSM
		Technical assistance for FSSM pilot solutions at select ULBs (co-treatment, deep row trenching, FSTPs) to showcase solutions for state-wide scale up
	Institutional capacities of nodal training institute (ATI Nainital) and 2 academic institutes (IIT Roorkee and Doon University) strengthened to support ULBs on FSSM implementation	State normative framework for capacity building implemented through TMRC materials and delivery charter



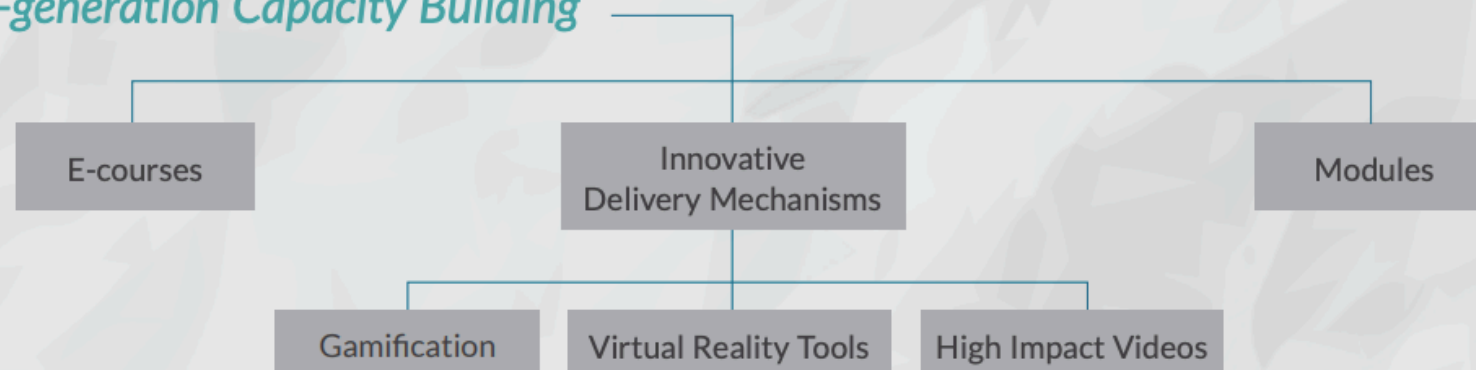
About Training Module Review Committee (TMRC)

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 National Faecal Sludge & Septage Management Alliance (NFSSMA) partners.

TMRC which is anchored by NIUA, has the following broad objectives:

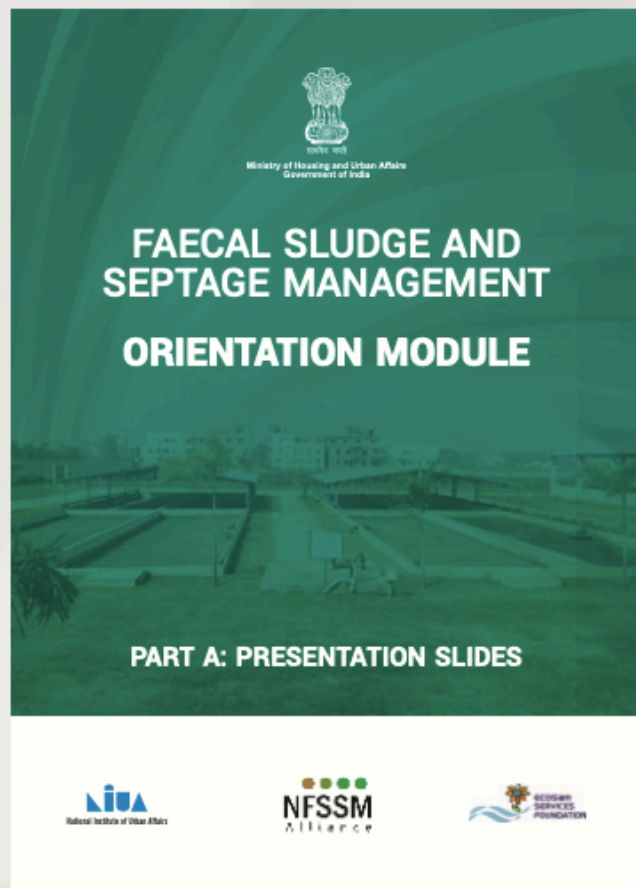
- Identification of priority stakeholders and accordingly training modules for Capacity Building
- Development of a Normative Framework – for Capacity Building at State-level
- Standardization of priority training modules – appropriate standardization of content with flexibility, for customization based on state context
- Quality control of trainings – criteria for ensuring minimum quality of training content and delivery
- Strategy for measuring impact of trainings and capacity building efforts

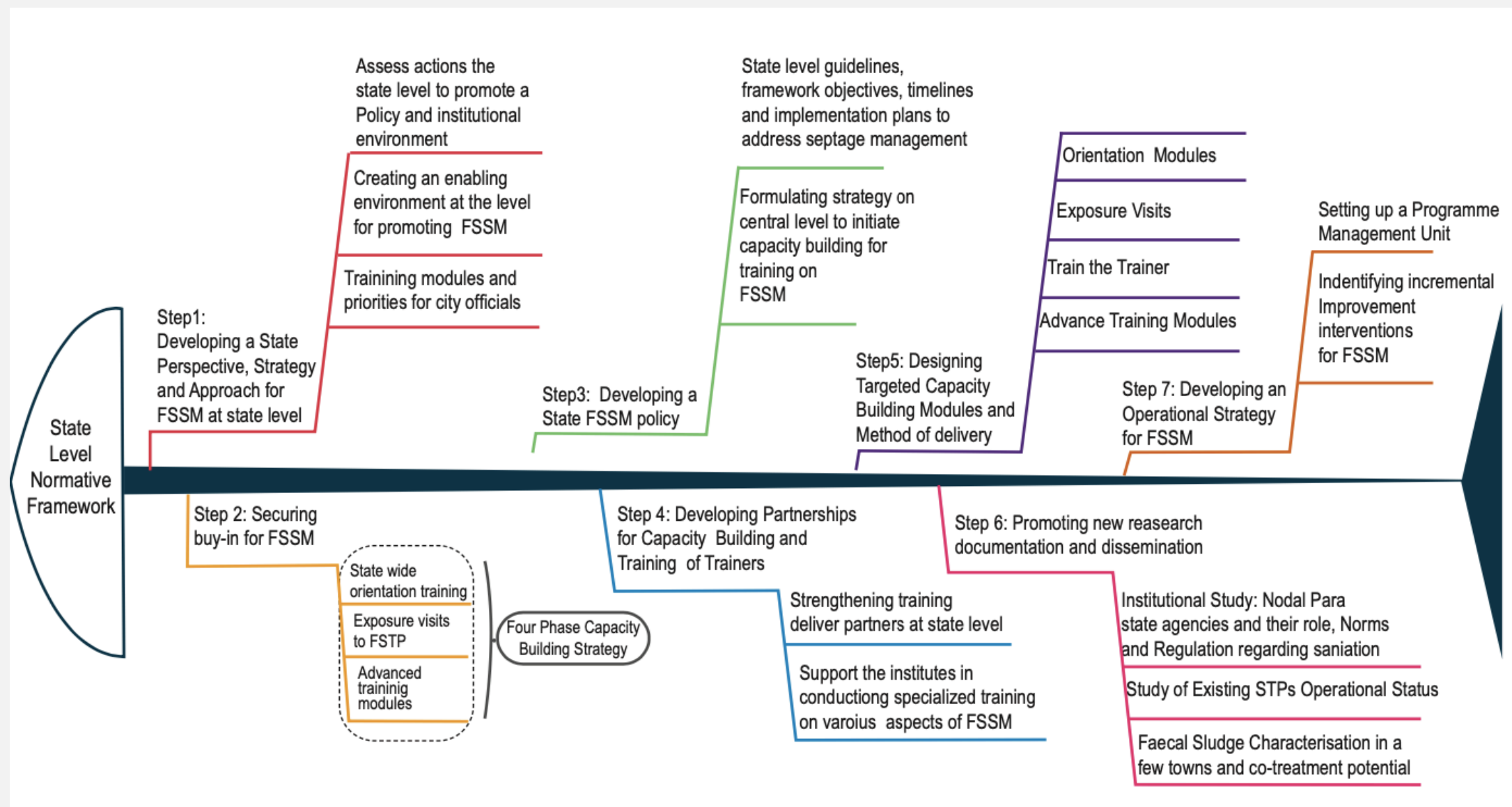
Next-generation Capacity Building

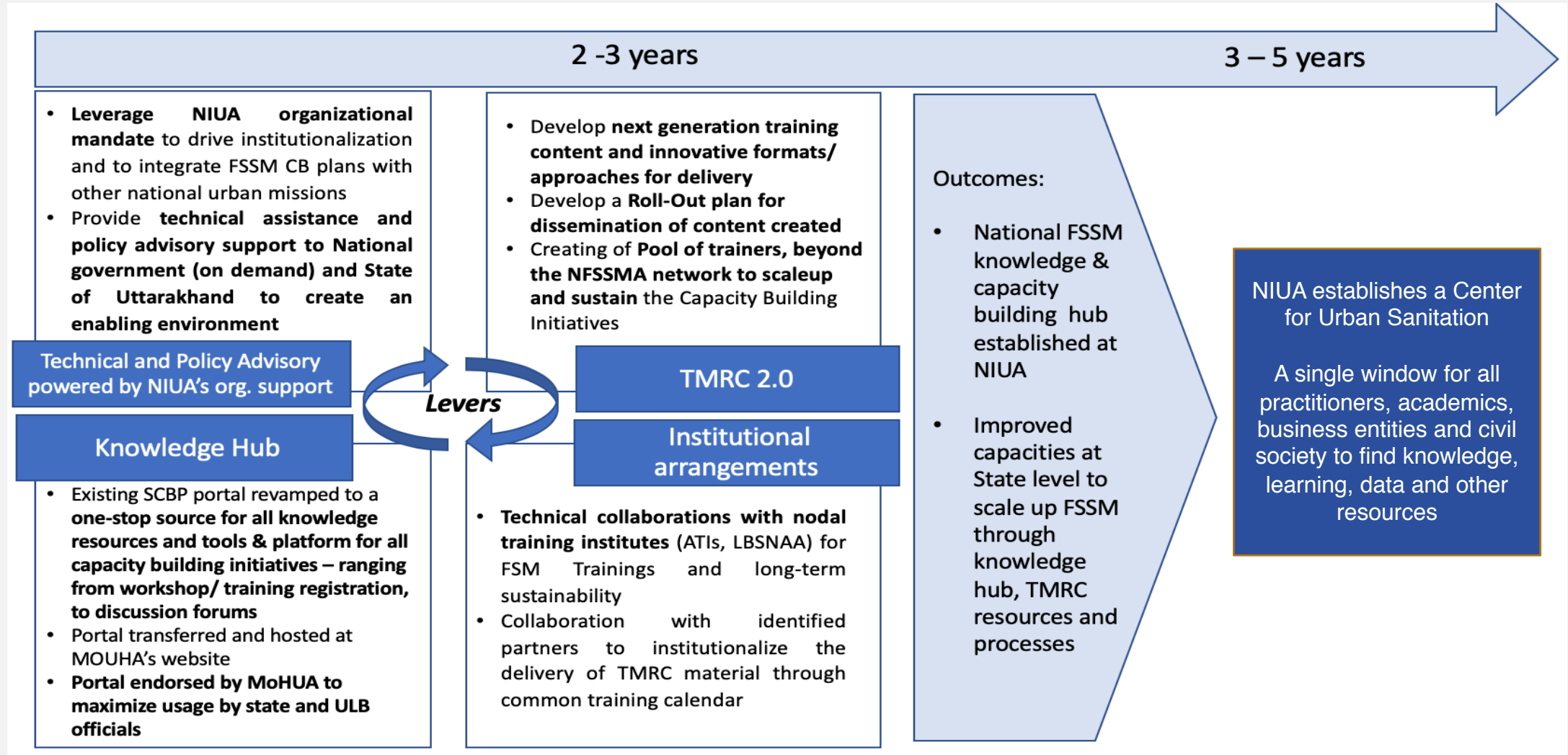


IDENTIFIED STAKEHOLDERS & PRIORITY TRAINING MODULES

Training Modules	Elected Representatives Chairpersons/ Mayors and Ward Counsellor	Executive Officers Commissioners of Small Towns	Mid Level Engineers	Junior Technical and Administrative Staff Sanitary Inspectors, etc.	Commissioners, Senior Officials, Senior Engineers	Pollution Control Board	Town planners
FSSM 0.1 Orientation Training	Half day Training on Roles of Elected Representative, 74th Amendment Roles of Elected Representatives in relation to FSSM	One day orientation for mixed group of audience - urbanisation, integrated waste water management, city wide inclusive sanitation, sanitation safety planning		Sensitisation/ consultation - need to develop videos, posters, handouts on case studies	Half day consultation/ workshop on policy, regulations and financing Advocacy material - policy briefs, handouts/ fact sheet on existing/ upcoming FSTPs, Co-treatment videos on FSSM and FSTPs	Half day consultation/ workshop on regulatory and statutory aspects of FSSM and FSTP management	One day Orientation Training on linkage between urbanisation and sanitation. Linkage between planning tools/ documents Rules & legislations of the two interconnected sector - land use planning and sanitation
FSSM 0.2 Exposure Visits	Two day training and exposure visit along with EO (one day class room, one day site visit). Policy and regulations, basic technology financing for FSSM		Three day Training and Exposure visit - 2 day class room & one day exposure Technology options for emptying, transportation, treatment and co-treatment of septage at STPs procurement and funding estimation	One day exposure visit to state level good practice on solid and liquid waste management	Two day peer learning/ Twinning programme Exposure visit to FSTP & interaction with senior state/ ULB officials	Two day Training and Exposure visit on on regulatory and statutory aspects of FSSM and FSTP management - one day class room & one day exposure	
FSSM 0.3 Advanced Training	Three day Advanced Training - two day class room, one day field visit		Assessment and planning, design of treatment module, O&M, financing, DPR review, financing and procurement		International exposure visit		







All learning materials available on scbp.niua.org

