

BILL & MELINDA  
GATES *foundation*

# National Institute of Urban Affairs (NIUA)

•Last Updated: 5 August 2024

# CB content developed | Past Phases

## Levels and Typologies of Training Modules

Delivery of CB Programs to be based on Target Audience

**3** Levels of FSSM Capacity Building Framework

**7** Set of Modules

**7** Set of Target Audience

**FSSM 1.0**  
Orientation (1 Module)

Orientation on FSSM

**FSSM 2.0**  
Specialized Training and Exposure Visit (2 Modules)

Technology and Financing Options for FSSM

Integrated Wastewater and Septage Management – Planning

**FSSM 3.0**  
Advanced (5 Modules)

Planning for FSSM

Designing of FS Treatment Systems

Designing of Co-Treatment Systems

Integrated Wastewater and Septage Management – Design

ULB Officials – EO, Engineer, Functionaries

Elected Representatives – Mayors, Councillors

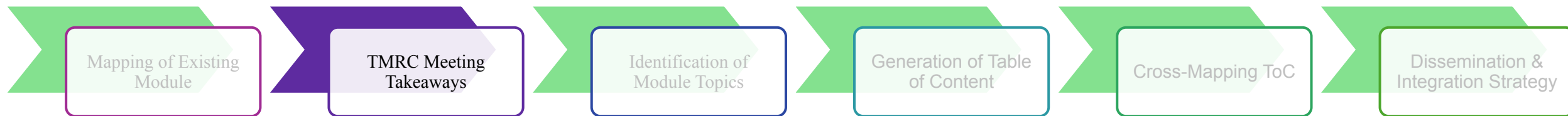
Decision Makers at ULB level:  
Commissioner, Smart City CEO, Senior Engineers

Mid-Level State Officials – Planner, Engineer, Decision Makers, Regulators

Faculties from Training Institutes

Consultants/ Professionals working with TSU/PMU/Sector Partners

Academia – Faculty and Students



TMRC member organisations who attended the meeting:

- |                          |               |               |                    |                 |                  |
|--------------------------|---------------|---------------|--------------------|-----------------|------------------|
| <b>1. Wash Institute</b> | <b>3. EY</b>  | <b>5.IIHS</b> | <b>7. ESF</b>      | <b>9. SCIAI</b> | <b>11. Dasra</b> |
| <b>2. CWAS-CEPT</b>      | <b>4. CDD</b> | <b>6. UMC</b> | <b>8. WaterAid</b> | <b>10. CFAR</b> | <b>12. NIUA</b>  |

Academic Training Institutes (ATIs):

- 1. ATI Nainital      2. KILA      3. RCEUS, Lucknow**

| <div> <div>Sectoral Stakeholders</div> <div>Thematic Areas</div> </div>                   | Institutional Representation - Govt. & ULBs |                                              |                 |                                                                              | Consultants                  | Vendors           |             |
|-------------------------------------------------------------------------------------------|---------------------------------------------|----------------------------------------------|-----------------|------------------------------------------------------------------------------|------------------------------|-------------------|-------------|
|                                                                                           | State officials                             | ULB officials                                |                 | Elected representatives including Mayor, Dy. Mayor, corporators, councillors | Technical Design Consultants | Equipment Vendors | PPE Vendors |
|                                                                                           |                                             | Municipal Commisisoner, Dy MC and Dept. HoDs | Other Officials |                                                                              |                              |                   |             |
| <b>Capacity Building</b>                                                                  |                                             |                                              |                 |                                                                              |                              |                   |             |
| Administration: e-Governance, Computer and Soft Skills                                    |                                             |                                              |                 |                                                                              |                              |                   |             |
| Finance & Revenue: Financial Planning and Management, Revenue Mobilization                |                                             |                                              |                 |                                                                              |                              |                   |             |
| Engineering and Public Health: Water and Sanitation, Drainage and Liquid Waste Management |                                             |                                              |                 |                                                                              |                              |                   |             |
| Town Planning: Urban Planning including pro-poor planning approaches                      |                                             |                                              |                 |                                                                              |                              |                   |             |
| Social & Behaviour Change Communication                                                   |                                             |                                              |                 |                                                                              |                              |                   |             |
| NULM and Urban Poor Alleviation Department                                                |                                             |                                              |                 |                                                                              |                              |                   |             |
| <b>Inclusive Sanitation Outcomes</b>                                                      |                                             |                                              |                 |                                                                              |                              |                   |             |
| Sanitation Worker Safety                                                                  |                                             |                                              |                 |                                                                              |                              |                   |             |
| Gender Inclusion in FSSM                                                                  |                                             |                                              |                 |                                                                              |                              |                   |             |
| Last-mile delivery of sanitation services                                                 |                                             |                                              |                 |                                                                              |                              |                   |             |

Mapping need for Training Development across Thematic Areas and

[\(Link to](#)

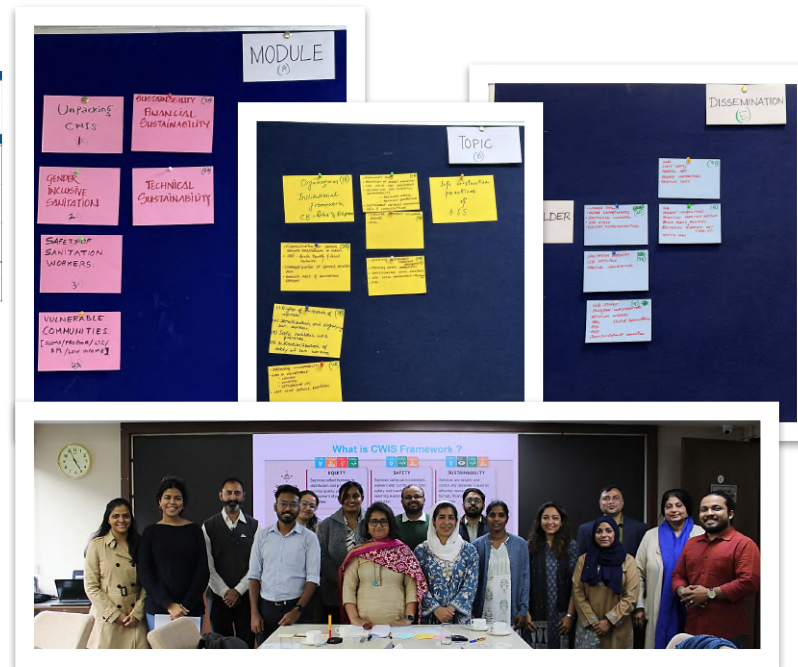
# Approach | NIUA CB Platform

## • Gap Identification in the available CWIS CB content

Collation of existing **183\*** modules produced by TMRC members and mapping against CWIS principles

| CWIS Principle -> |                                 | CWIS Principles and description                                                                                                                                                |                                                                                                                                                                                    |                                                                                                                                                                                    |                                                                                                                                                                                     |                                                                                                                                                                                                 |
|-------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   |                                 | Equity:                                                                                                                                                                        | Environment & Public Health:                                                                                                                                                       | Mix of Technologies:                                                                                                                                                               | Comprehensive Planning:                                                                                                                                                             | Monitoring & Accountability:                                                                                                                                                                    |
| S.No.             | Organization                    |                                                                                                                                                                                |                                                                                                                                                                                    |                                                                                                                                                                                    |                                                                                                                                                                                     | Mix of Business Models:                                                                                                                                                                         |
| 4                 | Urban Management Centre (UMC)   | Designing of Community and Public Spaces<br><a href="https://www.umsrindia.com/watch?v=deh4d8d8d8d8">https://www.umsrindia.com/watch?v=deh4d8d8d8d8</a>                        | UMC's Resource APP based on Urban Designing Initiative in Ahmedabad<br><a href="https://www.umsrindia.com/watch?v=deh4d8d8d8d8">https://www.umsrindia.com/watch?v=deh4d8d8d8d8</a> | UMC's Resource APP based on Urban Designing Initiative in Ahmedabad<br><a href="https://www.umsrindia.com/watch?v=deh4d8d8d8d8">https://www.umsrindia.com/watch?v=deh4d8d8d8d8</a> | Planning of Rural Sanitation and Sanitation Management at city level<br><a href="https://www.umsrindia.com/watch?v=deh4d8d8d8d8">https://www.umsrindia.com/watch?v=deh4d8d8d8d8</a> | Improved CT for Efficient Urban Management - Case of Smart Municipal Corporation<br><a href="https://www.umsrindia.com/watch?v=deh4d8d8d8d8">https://www.umsrindia.com/watch?v=deh4d8d8d8d8</a> |
| 5                 | Erson Services Foundation (ESF) | Ensuring Sanitation in Slums Adjacent to Railway Tracks Case of Delhi<br><a href="https://www.esf.org.in/watch?v=deh4d8d8d8d8">https://www.esf.org.in/watch?v=deh4d8d8d8d8</a> | The Story of Waste to Energy: Supermarket Vegetable Market Change<br><a href="https://www.esf.org.in/watch?v=deh4d8d8d8d8">https://www.esf.org.in/watch?v=deh4d8d8d8d8</a>         | A Technology Option for Solid Waste Management - Case of GPR city<br><a href="https://www.esf.org.in/watch?v=deh4d8d8d8d8">https://www.esf.org.in/watch?v=deh4d8d8d8d8</a>         | UMC's Resource APP based on Urban Designing Initiative in Ahmedabad<br><a href="https://www.umsrindia.com/watch?v=deh4d8d8d8d8">https://www.umsrindia.com/watch?v=deh4d8d8d8d8</a>  | Improved CT for Efficient Urban Management - Case of Smart Municipal Corporation<br><a href="https://www.umsrindia.com/watch?v=deh4d8d8d8d8">https://www.umsrindia.com/watch?v=deh4d8d8d8d8</a> |

TMRC Partners meeting to identify need against available modules

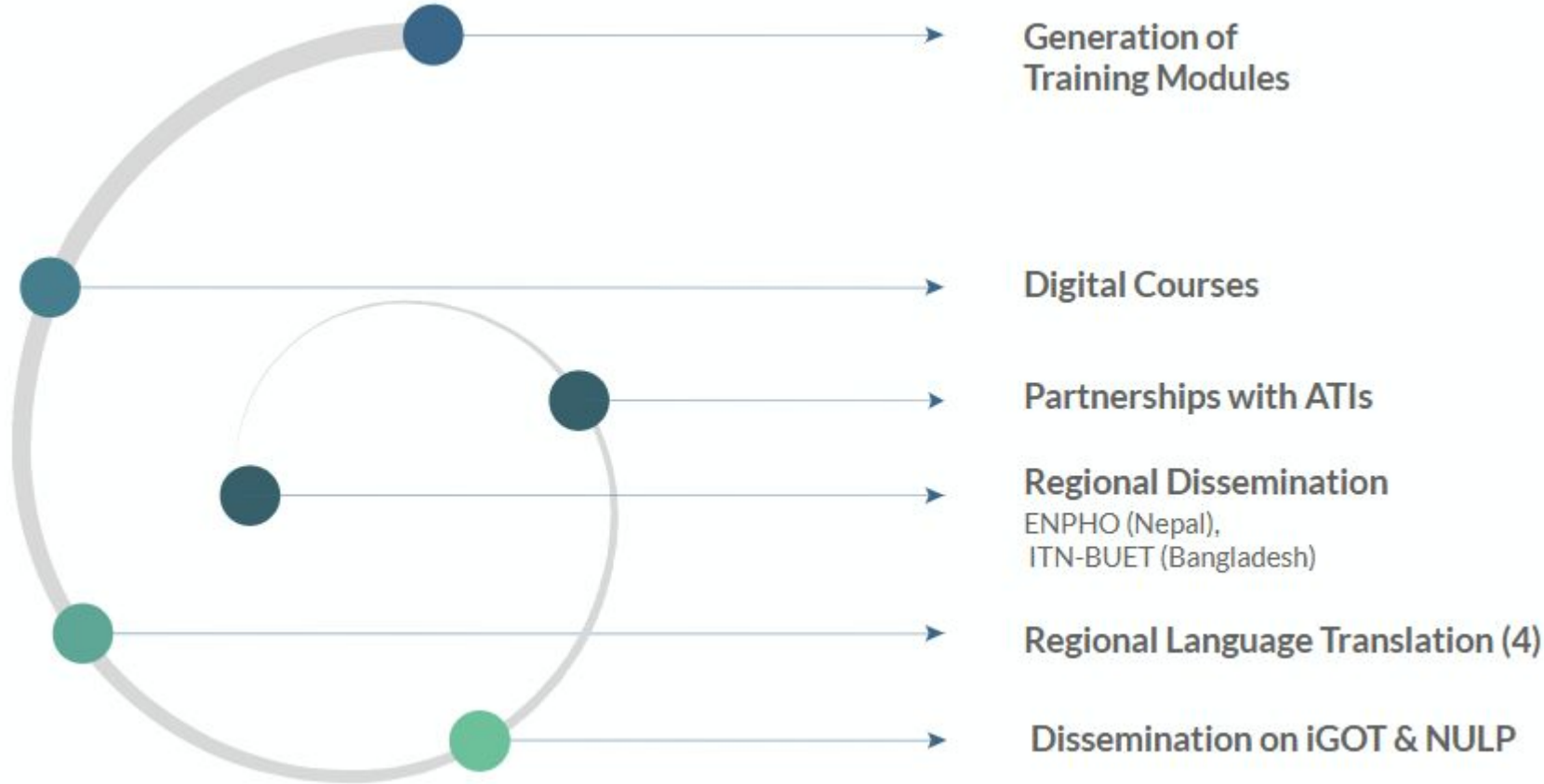


Areas of interest identified for Capacity Building under the CWIS

1. Unpacking CWIS
2. Safety (Environmental and Social Safeguard)
3. Gender Inclusive Sanitation
4. Wash <=> Climate Intersection

Areas of interest identified for Capacity Building under the CWIS

# Approach | NIUA CB Platform



Training Module Dissemination Process

Larger dissemination of Modules through Academic Training Institutes (ATIs) + Integration into Course Curriculum

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Regional Partnerships with ENPHO (Nepal) & ITN BUET (Bangladesh) for Regional dissemination of Digital Courses.

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Target Audience:  
Govt. officials, PMU consultants.

# Process Flow

