PROCEEDINGS OF THE NATIONAL WORKSHOP FOR UP SCALING TRAININGS

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ABBREVIATIONS

BMWSB - German Federal Ministry for Housing, Urban Development and Building

BMUV - German Federal Ministry of Environment, Nature Conservation and Consumer Protection

CDG - Centre for Digital Governance

C Cube - Climate Centre for Cities

CIFF – Children's Investment Fund Foundation

CPIN - Climate Practitioners India Network

CSC - Climate Smart Cities

CSCAF - ClimateSmart Cities Assessment Framework

DIFU - German Institute of Urban Affairs

GIZ - Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

IKI – German International Climate Initiative

MOHUA – Ministry of Housing and Urban Affairs

NDC – Nationally Determined Contributions

NIUA – National Institute of Urban Affairs

NULP – National Urban Learning Platform

RMI – Rocky Mountain Institute

SCM – Smart Cities Mission

SDG – Sustainable Development Goal

SPA – School of Planning and Architecture

TU Berlin – Technical University of Berlin

UNEP – United Nations Environment Programme

UTC - Urban Thinker Campus

VILT – Virtual Instructor-Led Training

WRI – World Resources Institute

01

INTRODUCTION TO THE WORKSHOP

The workshop intents to capacitate urban practitioners and public officials to understand the climate change implications, develop strategies across priority sectors to lower green gas emissions that can empower city officials. With the accrued knowledge, skills and values needed to act as agents of change, city officials are crucial for addressing climate change. Under the ambit of Indo-German technical cooperation, Climate Centre for Cities (C-Cube) set up under the aegis of National Institute of Urban Affairs (NIUA), initiated several actions to build conceptual, technical, administrative and innovation capacities across key areas of Urban Local Bodies (ULBs). Consequently, dedicated technical training aligning to the indicators of the ClimateSmart Cities Assessment Framework (CSCAF) was developed and delivered to cities. The aim was to enable city officials to make informed decisions and prioritise climate interventions in the areas of urban planning , green cover & biodiversity, mobility, air pollution, water management, waste management, energy and green buildings. Such a roadmap will help cities to address the dual challenges of urbanization and climate change. Additionally, the Centre conducts master classes, e-learning series, podcasts, and webinars to address capacity gaps among various stakeholders to build effective climate actions.

The Centre partnered with the Climate Alliance Partners to develop 26 training modules aligning to the indicators of CSCAF and conducted a pilot training that reached 41 cities in August and September, 2021. Among these, training modules on a) Sustainable Construction and Demolition Waste Management, b) Urban Green Planning, c) Storm Water Management, and d) Green Buildings were developed in association with GIZ under the 'Climate-Smart Cities' (CSC) project and training were provided to 190+ city officials. To ensure participants understand technical concepts effectively, the modules are designed in an interactive manner. Under the CSC Project, this engagement with the regional training and the academic institutions is targeted to assess the existing capacities and understand institutional challenges to upscale the developed training programmes.

About the Climate Smart Cities (CSC) Project

The CSC project is funded under the German International Climate Initiative (IKI), by the German Ministry of Environment, Nature Conservation and Consumer Protection (BMUV) in cooperation with the German Federal Ministry for Housing, Urban Development and Building (BMWSB) and implemented by GIZ jointly with MoHUA, Government of India. The project partners are the German Institute of Urban Affairs (Difu), National Institute for Urban Affairs (NIUA) and the Technical University of Berlin (TU Berlin). The CSC project attempts to anchor climate-friendly solutions within the Smart Cities in India.

Background

To scale training across the country, discussions with regional training and academic institutions were initiated. These consultations were taken forward in the Urban Thinker Campus (October, 2021) to capture the interests, technical and resource capacity and challenges in delivering training virtually were captured. States and cities where each of the training institutes plan to deliver were also mapped. Training in regional language was key feedback received in the pilot training and the same was planned to address through regional institutes.

As a next step, a two-day national level workshop was envisaged to co-develop a roadmap for scaling up training. The national capacity building workshop was conducted on 21-22 December 2021 at India Habitat Centre, New Delhi, had over 40 participants, including participation from 13 regional training and 4 academic institutions. The objective of the workshop was to facilitate fruitful discussion around scaling the 26 training modules aligned to the ClimateSmart Cities Assessment Framework. This report provides the detailed proceedings of the two-day workshop.

a. Climate-Smart Cities Project

The CSC project contributes to the achievement of the Nationally Determined Contributions (NDC) to the Climate Goals and the Sustainable Development Goals (SDG). Especially to SDG 11.6: to reduce till 2030 the per capita environmental impact of cities, especially in the field of air quality and solid waste management; SDG 11.9: till 2020, increase the number of towns that implement integrated policies and plans for more resource efficiency and mitigation and adaptation to climate change as well as disaster resilience; and SDG 13: integrate climate change measures into national policies, strategies and planning; Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning.

The project aims to anchor climate-friendly solutions in planning and implementing urban infrastructure and area-based development within the Smart Cities Mission. The project supports three Smart Cities - Cochin (Kerala), Coimbatore (Tamil Nadu), and Bhubaneshwar (Odisha) - and is looking at upscaling in other 14 Smart Cities as part of the ClimateSmart Cities Assessment Framework of the Ministry of Housing & Urban Affairs.

NIUA along with Difu and TU Berlin is one of the implementing partners that provides contextual technical support in capacity building, handholding activities, and network building in the partner cities for implementing climate-friendly measures. A series of activities are being carried out ranging from a) Setting up of National help desk, (b) Support in the implementation of smart measures in the partner cities, (c) Development of training modules and training trainers, (d) Development and dissemination of working aids, (e) Establishment of multi-tier networking platform, (f) Convening of networking and handholding events and knowledge exchange (g) Support to Indo-German Working Group activities.

b. Climate Centre for Cities

The Climate Centre for Cities (C-Cube) has been established at NIUA to create synergy across all climate actions undertaken in Indian cities by various stakeholders. The Centre works with a range of stakeholders and partners to focus on strengthening the capacities of cities to understand, implement and monitor actions needed for addressing climate change impacts locally. In the context of India's complex urban challenges and in addition to increasing climate risks, sustained efforts will ensure cities are prepared for and can develop the ability to thrive in a varying climate. This Centre aims to achieve climate-informed urban development actions facilitated by multi-stakeholder collaborations.

The CSC project contributes to the achievement of the Nationally Determined Contributions (NDC) to the Climate Goals and the Sustainable Development Goals (SDG).

02

DAY 1: PROCEEDINGS

To support capacity building and knowledge retention for mainstreaming climate action across urban India, the Centre invited 16 regional training institutes from 9 states to scope collaboration and dissipate climate-related training across the cities in the country. The objective behind the designed sessions were to collect feedback from the experts and representatives of training institutes on the training components and best practices embedded in 26 modules developed under the CSCAF.

The first day of the training workshop was dedicated to welcoming the participants and introducing the teams from GIZ and NIUA working on the Climate-Smart Cities project. The sessions were designed to familiarise participants with the CSCAF and its indicators. Training institutes were also introduced to all training collaterals developed under each thematic area. The Centre also shared its experience of the pilot training conducted under the CSC project and CSCAF implementation.

Each session was designed in the World Cafe format to synthesise authentic dialogues, innovative ideas and knowledge that can be put into practice. Small rounds of conversation were encouraged, along with writing key ideas on 'post-its' about the training topics and designed interactive exercises. During this workshop, each table was grouped based on the thematic interests of the participants to collect specific comments and feedback from each group. Challenges in virtual training and possible solutions based on previous experiences were also captured.

The day was designed around four sessions – Inaugural, world cafe format discussion on training components where an interactive exercise was conducted to take into account the inputs on training topics and interactive exercise, followed by an overview of virtual training, and lastly, one-on-one discussion on feasible association. The proceedings of these sessions are presented in following section.

a. Inaugural Session

The workshop was launched on the 21st of December 2021 by Mr. Hitesh Vaidya, NIUA (Director), Ms Vaishali Nandan, GIZ (Project Head) and Dr. Umamaheshwaran Rajasekar, NIUA (Chair, Urban Resilience, NIUA). Ms. Amanjot Kaur, NIUA (Senior Associate), facilitated all the participants' welcome and introduction.

During the inaugural session, Mr. Hitesh Vaidya emphasised the importance of the involvement of training institutions to support capacity building and knowledge retention for mainstreaming climate action across urban India. He also shared several experiences on multi-stakeholder engagement and mass awareness building among ULB and other officials. He stressed the value of an organised thematic e-learning series to help cities reduce future risks and enhance climate resilience. He introduced the participants to NIUA initiatives under various centres creating a cohort of knowledge, innovative solutions and actionable guidance for building climate actions in Indian cities.

Ms. Vaishali Nandan gave a detailed insight into the CSC project and its objectives to support capacity building and knowledge retention for mainstreaming climate action across urban India. She emphasised the importance of demystifying climate actions to support cities (technical handholding, training, and peer learning) in implementing smart solutions and contributing to climate change mitigation.

Dr. Umamaheshwaran Rajasekar introduced the participants to several initiatives undertaken by C-Cube to help build conceptual, technical, administrative and innovative solutions addressing capacity-building gaps and challenges across cities. To grounding the climate actions, C-Cube is also leveraging networks to facilitate online and offline collaboration for professionals, trainers and practitioners to work with cities through Climate Practitioners India Network (CPIN). Finally, round table discussions on CSCAF theme-based training components were conducted, which concluded with feedback on the topics and exercise from the workshop participants.

FIGURE 1 Glimpse from Inaugural session (Up Left), Mr Hitesh Vaidya,(Right) Ms Vaishali Nandan, and (down left) Mr Umamaheshwaran Rajasekar

b. Introduction to the Training Components

This session was delivered by Ms. Vaishnavi Shankar, Lead, Training and Capacity Building (C-Cube, NIUA). She began the session by providing an overall vision of the Centre and its alignment with capacity building and training vertical. She oriented the participants with the training components and materials developed under the assessment framework. Following this, all the initiatives undertaken by the Centre (*Master Class, E-Learning Series, Chat for Change, Podcast on Understanding the Future*) to build the capacities of ULB officials were also showcased.

The discussions from the Urban Thinker Campus Labs were presented to set the context and expected outcomes from regional institutes and the potential engagement opportunities were also indicated.

FIGURE 2 Ms. Vaishnavi Shankar sensitizing the training institutes on training componensts and materials developed under the assessment framework

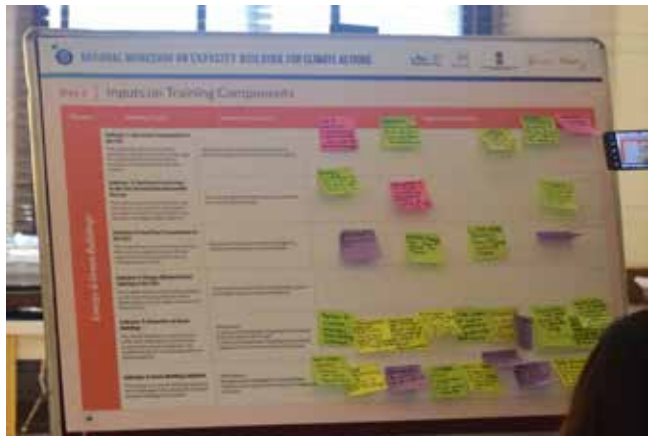
c. Round Table on Training Components

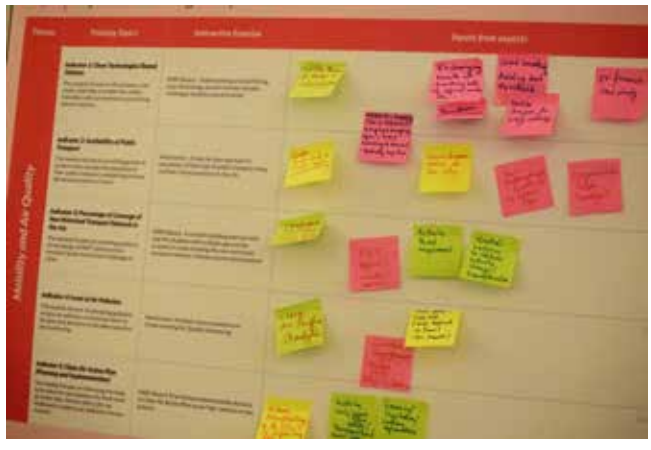
The session's objective was to provide the participants with information about the CSCAF themes, indicators, and aligned training contents. These assimilating and conceptualising activities were used to inform participants of all training topics and virtual exercises for capacity building.

FIGURE 3 Glimpse of group discussions on training components during day 1

It was designed as a world cafe table format wherein a whiteboard was used to capture the experts' feedback and observations on training components. The interactive exercise was conducted to consider inputs on CSCAF themes based on training topics and respective interactive exercises designed to provide a roadmap to all the ULBs.

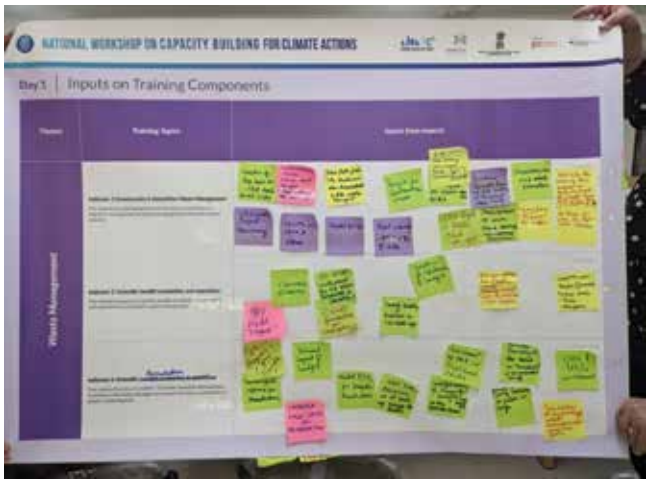
FIGURE 4 Inputs from regional and academic training institutes on (Top) Energy and Green Building and (Bottom) Mobility and Air Quality





Each participant was provided with opportunities to move in several rounds of conversation, ideas, and questions pertaining to indicative boards. As a result, this helped the C-Cube team to develop broad and divergent discussions around each thematic indicator. All discussions were prefaced with a question designed for specific context and desired purpose. Consequently, the discussion was built upon each other, and new possibilities for actions emerged.

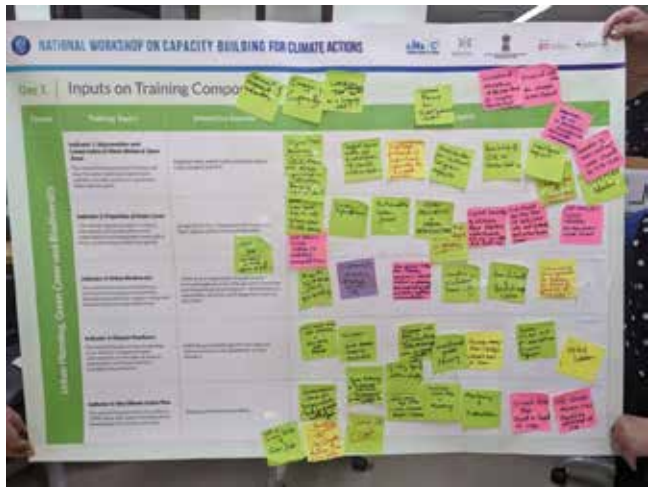
FIGURE 5 Inputs from regional and academic training institutes on (Top) Water Management and (Bottom) Waste Management



The whiteboards were dedicated to each theme [(i) Urban Planning, Green Cover and Biodiversity, (ii) Energy and Green Building, (iii) Water Management, (iv) Mobility and Air Quality and (v) Waste Management] and their respective indicators.

This hands on board exercise enabled the participants to apprehend their inputs on thematic experience, expertise and knowledge.

FIGURE 6 Inputs from regional and academic training institutes on urban planning, green cover and biodiversity



To ease the understanding of the training components, topics and details of the exercise, the C-Cube thematic team, and the experts from other partner organisations such as (WRI, RMI India and GIZ) facilitated and supported the discussions with training and academic institutes.

FIGURE 7 List of team supported during the world cafe session on day 1

Energy & Green Building
Mr Punit Gandhi (Sr. Associate, Climate Center of Cities)
Supported by Ms Alankrita Soni, and Mr Kanagraj Ganeshan, (Subject Matter Experts)

Urban Planning, Green Cover and Biodiversity
Mr Anshul Abassi (Sr. Associate, Climate Center of Cities)
Supported by Mr Syed Mohammad Hamza (Project Associate, Climate Center of Cities)

Mobility and Air Quality
Ms Prerna – World Resources Institute
Supported by Empti Uday Kumar (Sr. Associate, Climate Center of Cities)

Water Management
Ms Shravani T (Project Associate, Climate Center of Cities)
Supported by Ms Shravani Reddy (Subject Matter Expert)

Waste Management
Mr Vibhor Sood (Technical Expert, GIZ)
Supported by Ms Mohini Bhaisare (Sr Associate, Climate Center of Cities)

The training institutes indicated feedback on topics, case studies and exercises. The overall feedback is categorised into four parts, as depicted in Figure 8. Interestingly, most of the suggestions indicated by the expert participants have been considered and deliberated during the development of the training modules. An added emphasis on these points from the participants helped validate the approach adopted in developing the training content.

FIGURE 8 Feedback received from the participants

d. Tools for virtual interactions

The session on the overview of virtual boards was carefully designed for training institutes to provide hands-on experience on the interactive tools used for the exercises. The session's objective was to give a first-hand encounter with the virtual platforms designed for each thematic indicator.

Following, an overview of virtual interactive boards was presented that provides a hands-on experience to all training institutes about online survey tools such as Mentimeter and mapping tools like Google Earth Pro. A brief summary of the tools discussed is presented in the subsection.

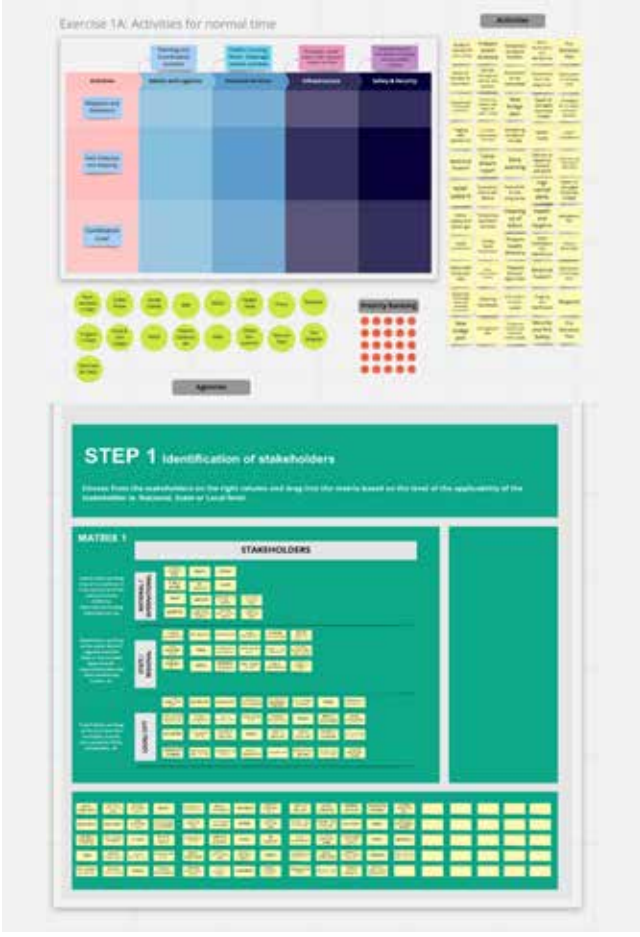
i. Miro Board

This session was steered by Ms. TS Shravani (Project Associate, C-Cube). She began the session by introducing the MIRO board software and explaining its usage and functions to the trainers. After which, a buffer time slot was given to participants to test the various functionalities of the platform before starting the exercise. This session also had a small hands-on exercise in which participants had to create a virtual sticky note and place it in a certain section on the template.

The session explains all the elements and components of the board, such as lines, notes, and text boxes. Further instructions were given to familiarise participants with the operating challenge, such as;

a) The boards must be locked while finalising the exercise before the training so that participants cannot move elements that are not meant to be moved and can only work with dragging, pasting and making new sections or sticky notes.
b) Different coloured sticky notes can be used to show the segregation of the type of the stakeholders so that it is easier to understand.

FIGURE 9 Glimpse of Exercise designed on the Miro Board



ii. Mentimeter

The Mentimeter session was introduced by Ms. Amanjot Kaur with a set of interactive presentation options for the trainers to conduct during online or offline training programs. This session had surveys, polls, quizzes, slides, etc. and all participants responded in real-time. The session explained the potential functionalities of the software and further ended with instructions on operating challenges, such as;

FIGURE 10 Glimpse of Mentimeter Q&A session

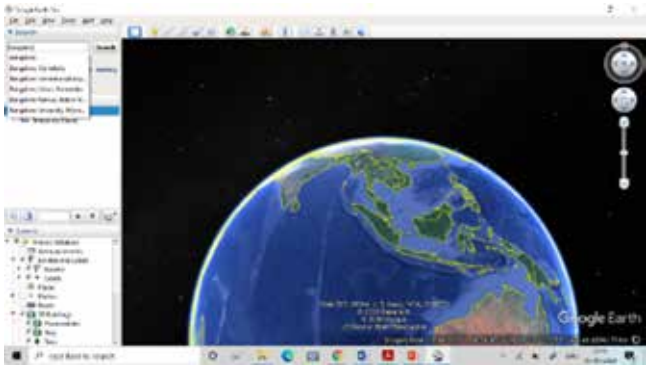
a) Sharing the link with the participants and see if everyone can access the platform from their devices,
b) While facilitating any activity, ensure everyone participates and give at least 90 seconds to get the maximum responses.
c) To make the exercise engaging, avoid putting too many questions in the same format.

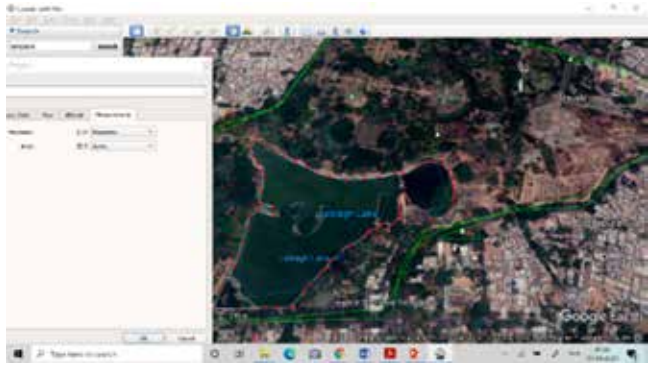
Google Earth Pro

Mr Anshul Abbasi (Senior Associate, C-Cube) delivered the hands-on session of Google Earth Pro. He introduced the Google earth pro software and explained its various components. The tool was used to locate, demarcate, and map the selected site's water bodies and open spaces. A short rundown on the exercise preceded the need for mapping, linking it to the steps mentioned in the performance evaluation levels. Along with mapping an area of selected waterbody and green or open space, he also explained calculating the area using polygon geometry in the google earth engine. The participants also practised assessing the change for the past few decades using the engine and measuring the extent of change.

Finally, the day concluded with a breakout group discussion on MoUs and individual engagement in deliberating ways to scale up training.

FIGURE 11 Glimpse of spatial mapping and digitisation exercise on the Google Earth Pro





e. Discussion on MoUs and Individual Engagement

During the workshop NIUA was able to capture the interests of 10 regional institutes that will build local capacities of urban practitioners and public officials in future to make cities well equipped with better climate-related knowledge, understanding of climate-related risks and vulnerability and relevant solutions, The interested academic and regional training institutes participated in the one-to-one discussion with GIZ and NIUA were:

1) Centre for Research in Rural and Industrial Development (CRRID)
2) Mahatma Gandhi State Institute of Public Administration, Punjab (MGSIPA)
3) Kerala Institute of Local Administration (KILA)
4) Dr. Bhanuben Nanavati College of Architecture
5) School of Planning and Architecture (SPA), Bhopal
6) All India Institute of Local Self Government (Mumbai)
7) Centre for Study of Social Change (CSSC)
8) Xavier University Bhubaneshwar
9) Anant University, Ahmedabad
10) Tamil Nadu Institute of Urban Studies

This session tried to record the interests of training institutes and the number of states they will be able to cover. It also tried to comprehend the support and assistance that might require (financial, technical or administrative) while upscaling training. This session was conclusory and was moderated by the teams from GIZ and NIUA.

The interaction during this discussion allowed C-Cube to capture feedback and expectations from all the participating expert trainers and training institutes and enabled them to draft individual MoUs to scale up training to the next level. NIUA concluded the session with a note of thanks to the participants.

Later in the evening, a collaborative dinner was hosted by the National Institute of Urban Affairs at the Juniper Hall, India Habitat Centre.

FIGURE 12 Glimpse of MoU discussion during the event

03

REFLECTION ON DAY 2

Day 2 emphasized on various solutions and strategies of capacity building to achieve a sustainable urban future through an online learning system. The intent behind the designed sessions of the day was following;

a) to orient regional institutes for the National Urban Learning Platform and its manoeuvring;
b) to understand the challenges experienced by the institutes while implementing virtual capacity building programs.

These sessions also introduced tools available on NULP to strengthen horizontal learning and co-created knowledge sharing.

The day started with a short recap session of day one of the training by Ms. Amanjot Kaur followed by a session on the National Urban Learning Platform (NULP).

a. Session on National Urban Learning Platform (NULP)

The intent behind this session was to familiarise participants with the National Urban Digital Mission and National Urban Learning Platform, which strengthen the capacity of the urban ecosystem. The session was designed to provide details about horizontal learning and knowledge-sharing platform for exchange among cities, practitioners cities, practitioners, academia, and researchers.

The session included the following discussion points:

- About NULP, its approach and components
- Hands-on session on the platform
- Feedback on e-courses and output

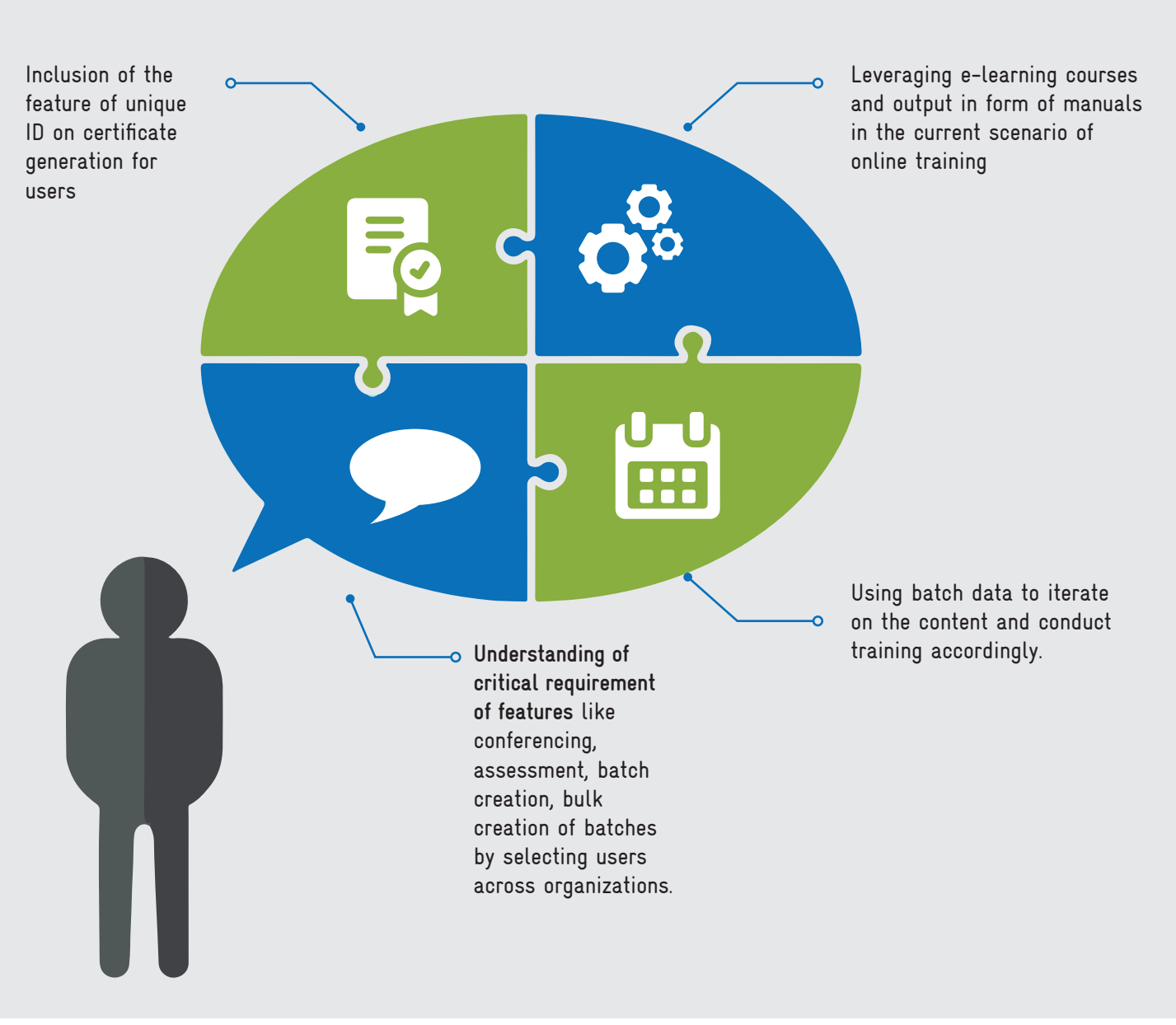
FIGURE 13 Glimpse of NULP Platform and courses online

Ms. Kakul Misra, National Program Head, Centre for Digital Governance (CDG), and the NULP team discussed the above topics. They initiated the discussion with an introduction and approach to NULP as an urban learning and capacity building platform for the urban stakeholder. The NULP team showcased tools to enable and streamline content creation, content organisation and management, course building, course management, assessment and certification.

They explained the telemetry frameworks, assessment mechanisms and tools to measure the urge of content and the engagement and completion levels achieved across specific pieces of content. They described the potential role of training institutes and experts as a 'Learner, Creator or Reviewer' and indicated the support team could provide with the onboarding process.

The session ended with a Q&A session, and the feedback received from the regional institutes can be categorised below (Figure 14).

FIGURE 14 Feedback received from the regional and academic training institutes on NULP Platform

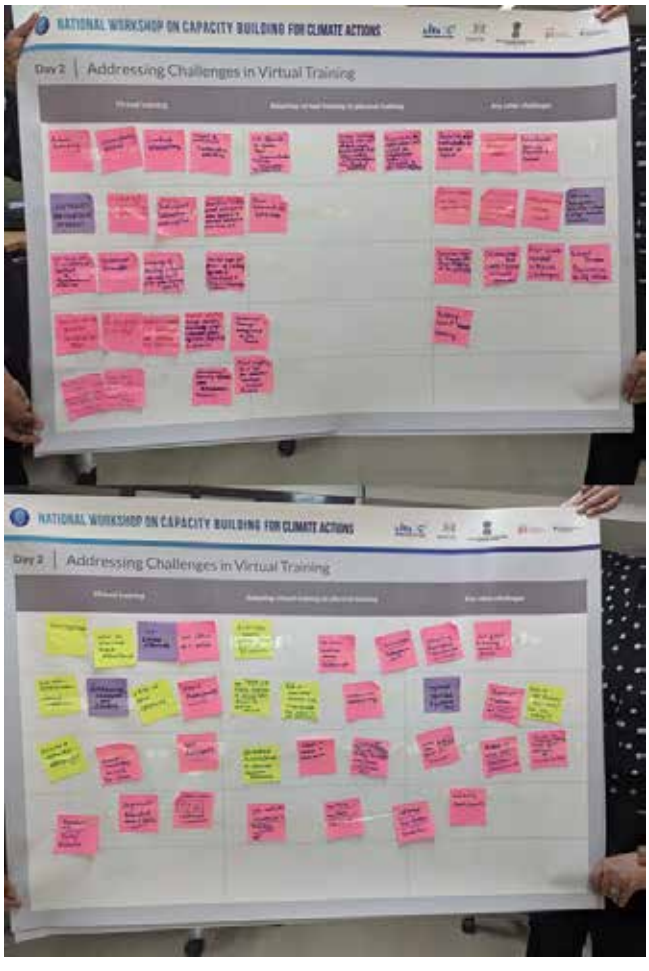


b. Round Table discussion on addressing the challenges in virtual training

The exchange session of day two was moderated by Ms Amanjot Kaur, using the same platform and methodology as day one's exchange session. Hence, It was designed in the format of a world cafe table. This session has three group discussion tables facilitated by the C-Cube team only. Each group consisted of at least eight members representing different training or academic institutes and subject matter trainers and experts from GIZ. Table A was headed by Ms Vaishnavi Shankar and Mr Empati Uday Kumar (Senior Associate C-Cube), followed by Table B was directed by Ms Mohini Bhaisare (Senior Associate C-Cube) and Table C was led by Mr Punit Gandhi (Senior Associate C-Cube).

The key guiding question for the group discussion was, "What are the main challenges faced while planning and implementing virtual training?"

FIGURE 15 Inputs from regional training institutes on addressing challenges in virtual training



The session helped capture the challenges experienced and concerns in scaling training in a virtual manner. The intent behind the session was to know the key challenges of implementing the online training and understand potential problems the organisation may face if they move from virtual to physical training.

At the end of the session, there was peer learning and consensus on feasible ways to navigate such challenges.

The key challenges highlighted by all the groups can be divided into three broad categories:

Engagement

The primarily indicated concern was to keep the virtual learning session engaging and interactive to ensure uninterrupted attention of participants. Simple Virtual Instructor-Led Training (VILT) is mostly draining for both learners and is not considered the most efficient way to convey technical content.

Access and understanding of interactive tools

Participants also mentioned the constraints of handling the online tools. Further, they explained that the city officials are the unique audience, often not connected to laptops, tablets, smartphones, or other IT infrastructure. Understanding and utilising interactive tools like Miro, Mural, Concept board, Google Earth Pro, etc., could be complex for the officials because of either internet availability or hesitation in utilising the interactive boards.

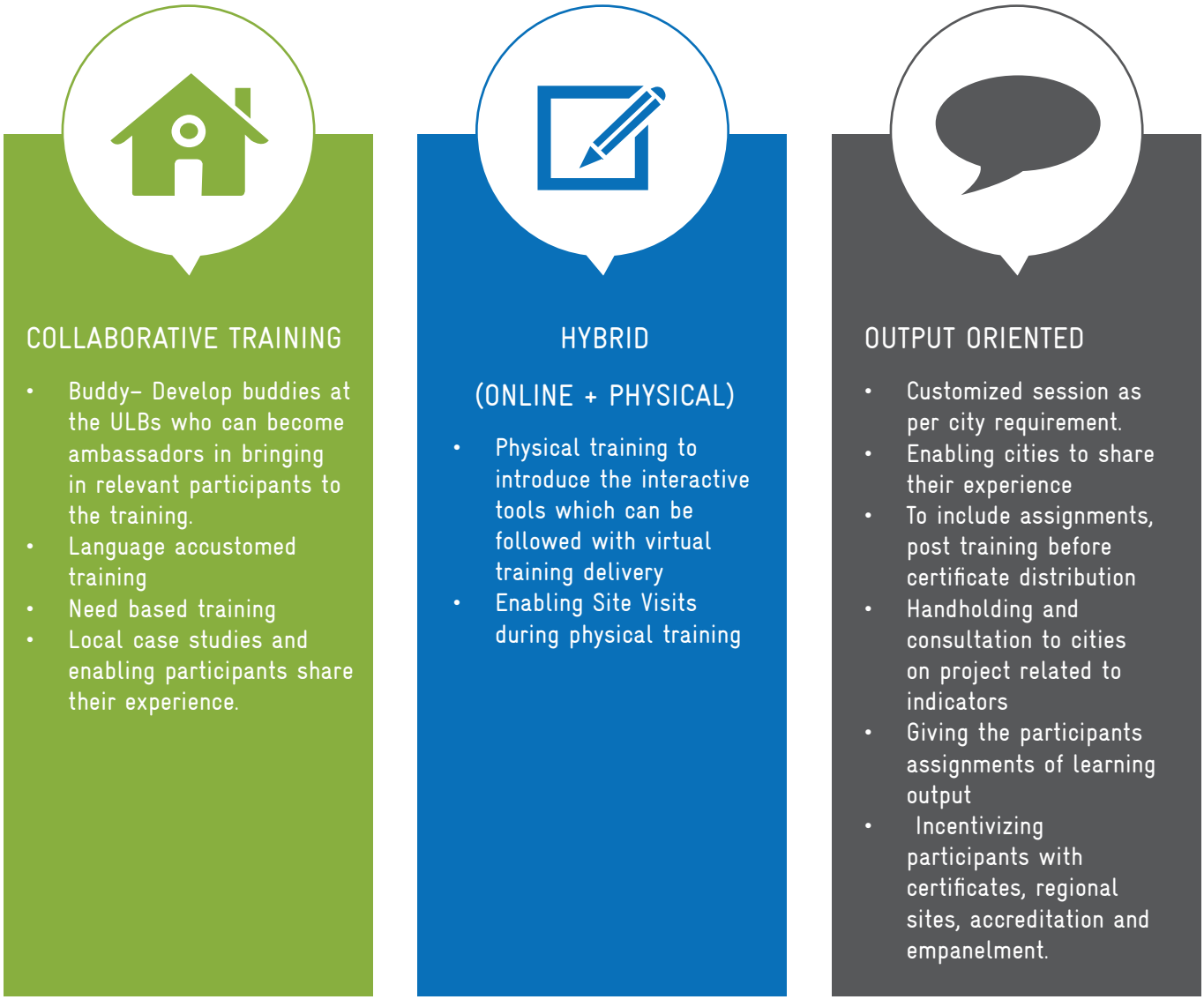
Loss of Human Connection

One of the challenges of onboarding training with remote city officials is knowing relevant participation. In other words, occasionally, it is difficult for the instructor to identify if the participants

are associated with relevant departments and technical understanding. So, challenges in a virtual environment can be resolved by establishing a direct human connection that is mostly ignored but should be prioritised. Therefore, due to the reasons mentioned above, delivering online training often faces challenges and considerable delays in the implementation. The session was concluded with relevant models that can be utilised to resolve digital training barriers. The session came up with three models indicated in the Figure 16.

Designing online training courses with offline access and simulations can offer collaborative learning. Indicative models allowed us to create an online training experience that is more vivid and valuable for cities. Creating hybrid models like offline discussion and real-time webinars can be experienced (Figure 16).

FIGURE 16 Three indicative models to create online training experience successful

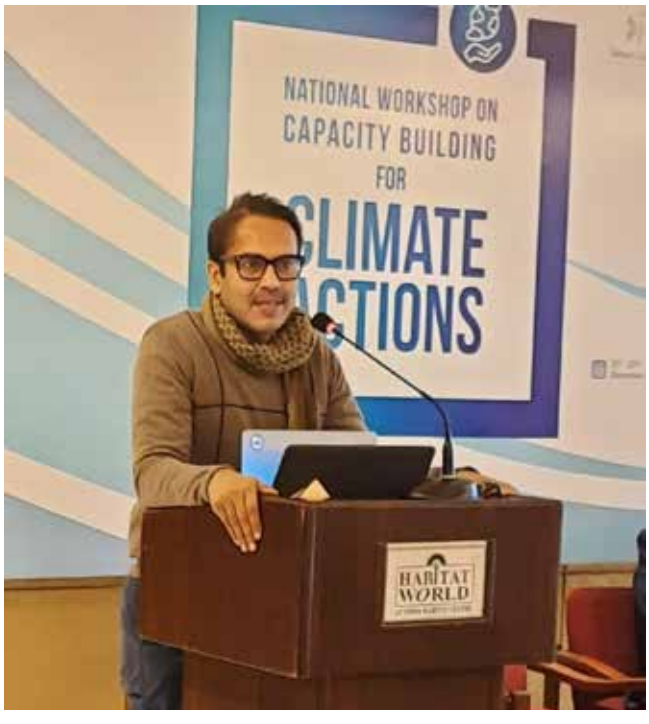


04

CLOSING SESSION

The concluding session highlighted the key takeaways from the 2-days deliberation and indicated the way forward for scaling up training. In this context, details of the 2-days deliberation were presented to Mr. Kunal Kumar, Joint Secretary and Mission Director, Smart Cities Mission (SCM) Ministry of Housing and Urban Affairs (MoHUA), who made an important note to encourage this initiative and promote collaborations. He said that 'translating and reaching the big ideas to the person working on the ground in cities is key for building climate actions'. He emphasised that capacity building is a key element that enables mainstreaming urban climate actions.

FIGURE 17 Glimpse of Joint Secretary during Closing Session



On this occasion, NIUA and GIZ also signed an MoU to strengthen the ongoing association. The objective of the MoU is to establish a collaborative arrangement between both the organisation and to bring together the diverse skills, strengths and resources required for research, innovation, knowledge sharing, performance monitoring, advocacy and capacity building of cities in various jointly identified project areas such as climate change and cities, essential services and infrastructure, SDGs & governance, housing and spatial planning and sustainable urban mobility & logistics. Mr. Ernst Doering, Cluster Coordinator and Director Sustainable Urban and Industrial Development (SUID) of GIZ and Mr. Hitesh Vaidya, Director (NIUA), signed and exchanged MoU in the presence of Mr. Kunal Kumar, Joint Secretary and Mission Director Smart Cities Mission (SCM), Ministry of Housing and Urban Affairs (MoHUA).

FIGURE 18 MoU Signing ceremony during closing session

Mr. Ernst Doering congratulated participants on the completion of 2-days event. He stated that Indo-German development cooperation focuses on issues that contribute to the 17 Sustainable Development Goals (SDGs) laid out in the United Nations' 2030 Agenda and are in line with India's national reform programmes: renewable energy and energy efficiency, climate change, sustainable urban development, environmental protection, and management of natural resources.

He said that it's a matter of great honour and joy that GIZ was chosen as trusted partner by MoHUA when it came to extending support on the important subject like 'Urban Climate Change' and thanked Mr. Kunal Kumar for his continued support. He stated that NIUA has always been a key partner for Indo-German Development Cooperation for research, capacity building and dissemination of knowledge and under the ambit of the signed MoU, both GIZ and NIUA will closely collaborate and will focus on the interventions that are aligned to the various GIZ projects and centres of NIUA. He concluded that that this MoU will help fulfil the bilateral cooperation objectives and also will do value addition in the ongoing programme of Ministry of Housing & Urban Affairs.

Mrs. Vaishali Nandan, in her closing remarks said that CSC Project with NIUA as its implementing partner played crucial role in the discourse- CSCAF, Alliance, NMSH Revision and most importantly- C-cube. CSCAF is exemplary- collaborative local climate actions that are required and Extent of CSCAF coverage increasing with each iteration- 100 to 142 cities in last two iterations and expected to reach 500 in next few years. In the past, capacity building efforts under urban climate change are mostly development partner driven, limited to a few cities and target group focused but now with urban climate change in forefront of SCM/MOHUA agenda and C-cube in place, a large-scale CB drive with pool of master trainers and training institutes with necessary infrastructure is need of the hour. She concluded that training Institutes must play a crucial role for capacity building measures, dissemination of learnings and handhold cities and COVID-19 -the new normal, learning must not stop. She wished the institutes that the 2 days deliberation will help them overcome the challenges for organising virtual events.

Mr Hitesh Vaidya, Director NIUA in his concluding remarks, congratulated the team Climate Smart Cities (NIUA) and GIZ India. He indicated the intent behind engaging with regional institutes to get to the next phase of CSCAF and upscale the training at the national level so our urban local bodies can make climate-sensitive decisions. He emphasizes the importance of the National Conclave and its potential objective of upscaling the Climate Change related training at the local level.

As a way forward, he motivates all regional training and academic institutions to engage with NIUA and C-Cube to take up the climate change sensitization and awareness drive to all 4000+ urban local bodies.

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ANNEXURES

5.1 List of Participants

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