

Proceedings of Workshop: Day 2

School of Water and Waste successfully completed the two day “Online Impact Workshop cum Master Class on Capacity building initiative for Citywide Water and Sanitation Management”. The workshop focused on success stories shared by CSE Alumnis – aiming how the CSE’s learnings have been translated into action.

The focus on the Day 2 of the workshop was on “Wastewater and Faecal Sludge/Septage Management” which was divided into two themes:

Theme 1: Sanitation Safety Plan, City Sanitation Plan & Citywide Inclusive Sanitation

Theme 2: Faecal Sludge and Decentralized Wastewater Management

Mr Aditya Batra, Mr Souparno Banerjee and Mr Rajneesh Sareen from CSE were invited as jury members to adjudge the best three alumni stories.

It gave us a great sense of satisfaction and pleasure to hear the impactful outreach of our trainings. This workshop was attended by almost 170 alumni. We had 17 presenters (individual as well as institutional) from diverse backgrounds, associated with national and international organizations - WaterAID India and Bangladesh, CDD-BORDA, Ernst & Young, Urban Local Bodies, USAID, ASCI, Emanti Consulting, South Africa and more, who has represented their success stories and learning-based interventions. These included engineers, decision makers, consultants, researchers, academicians and govt. officials. Speakers showcased their journey on how the enhanced knowledge and skills from our trainings have been used to implement their action plans aiming towards successful outcome.

The workshop was inaugurated by Dr Suresh Rohilla, Academic Director of SWW and Senior Director at CSE. He started with a reflection session of previous day workshop and shared the journey of SWW from its inception, and its role as an active advocacy and capacity building initiative at CSE. He stressed upon ground-breaking statistics of training 768 professionals over the past two years through 22 training programmes on the above-mentioned themes, out of which 43% participants were nominated govt. officials.

Following the brief overview, Dr Mahreen Matto, Programme Manager CSE kickstarted the sessions and moderated the whole programme.

Theme 1: Sanitation Safety Plan, City Sanitation Plan & Citywide Inclusive Sanitation

The first speaker Mr Ratish Menon, Associate Professor at SCMS School of Engineering and Technology, Kochi presented about the sanitation scenario of Kochi City and shared the interventions applied for two wards 54 & 56 with regard to sanitation safety planning. He also shared the on-ground experiences which were largely facilitated by the Centre for Heritage Environment & Development (CHED). He explained, how SSP provided additional thrust to ongoing canal rejuvenation initiatives at Kochi.

Mr. Baksheesh Sachar, Former TISS-UNICEF Young Professional, shared his experiences from Aurangabad district and his role as Zila Swachh Bharat Prerak under MoDWS. He mentioned that how the training on Sanitation Safety Plan in 2018 helped him to carry out his work towards SBM and building the knowledge of Swachhagrahis about hygiene and public health under a scheme initiated by him called “Surkshit Swachhta Yojana”. Under this scheme, many front line workers were trained and also developed a GPS based application as a monitoring tool.

Ms. Elisa Patnaik, Sr Consultant at Ernst & Young LLP, shared the entire FSSM journey of Odisha and the implementation of CWIS approach in many ULBs of Odisha state. She explained all the steps taken for the implementation of CWIS approach and highlighted the role of stakeholders including SHGs.

Mr Chanchal Modi, Programme Coordinator at WaterAid India, addressed the issues and challenges in citywide sanitation approach by sharing the story of Ujjain city. He also highlighted the development of SFDs and how he incorporated the learnings of the training in it. The role of different stakeholders/exposure groups in achieving the improvised sanitation was also discussed. He also shared the story of 1st FSTP in Madhya Pradesh right from its planning, implementation to proper monitoring.

Mr Kazi Al Amin, Coordinator at Practical Action Bangladesh, mentioned the CSE trainings as a turning point in his career. He shared his learning based interventions in the different field like SFD, CWIS and FSM. He explained that after the trainings received at CSE, he started practicing SFDs in baseline studies. In collaboration with WaterAid Bangladesh, he got an opportunity to prepare 9 SFDs for various municipalities. Till now he has completed 11 SFDs and currently working on several more. Besides SFD interventions, he also carried out substantial work on baseline work for CWIS approach and submitted the proposal to 8 municipalities, to be implemented soon.

Mr. Farhad Safi, Sanitation Team Lead, USAID Afghanistan, shared his experience with two tools called SFD and CSDA. During his research work with CSE, he came up with the development of monitoring tools for Trichy city and generated the scorecard with regard to citywide sanitation. He also added that these tools can be used as an assessment and monitoring tool in citywide sanitation approach. He also shared the insights about his research paper with CSE for water, sanitation, & hygiene for development in IWA journal and presented a poster for the same at IWA Water & Development Congress, 2019.

Ms Unathi Jack, Water Utilization Engineer, Emanti Management, South Africa shared the innovative developments of SFD across South Africa. She explained how SFD helped in assessing and improving sanitation in metro and smaller municipalities and also explained the necessity of understanding and implementing SFDs in developing countries. After getting trained by CSE they have developed 8 SFDs in different cities and trained a range of stakeholders to develop SFDs for their cities.

Theme 2: Faecal Sludge and Decentralized Wastewater Management

Mr. Prasanta Mohapatra from Orissa Water Supply & Sewerage Board shared entire journey of Odisha in the field of Faecal Sludge and Septage management and the long term partnership with CSE in various domains of water and wastewater. He explained about the role of CSE trainings to up skill their human resources and

necessary thrust provided to achieve safe sanitation in the state. Currently, Odisha has 10 FSTPs and other 104 FSTPs in process. He appreciated the entire strategy and the role of various stakeholders to achieve such milestones. He thanked CSE for carrying out valuable trainings which sensitized the municipal workers and has contributed the state to become the first State to adopt FSSM policy.

Mr Raghu Soma, Environmental Engineer, Sircilla Municipality shared his story of implementation of Faecal Sludge and Septage Management plant in Sircilla city which could be achieved with the support of knowledge gained on various sanitation aspects from CSE's trainings. He described his involvement at various stages from planning, implementation and operation-maintenance phase. He highlighted the economic gains by doing resource recovery and selling out the manure to the farmers.

Md Toriqul Islam, Senior Technical Manager at NGO forum for Public Health, Dhaka shared his learnings based interventions in the field of FSSM and SFD developments. He mentioned, how the knowledge gained through the training at CSE, helped him to replicate the learnings at Bangladesh. He installed DWWTs and FSTPs in Bangladesh right from planning and designing to implementation. He added that the acquired knowledge helped him to understand the necessary aspects of operation, maintenance and monitoring of the projects related to DWWTs and FSTPs and preparation of operational guidelines for sanitation sector.

The journey of institutional partnership between CSE and WaterAid Bangladesh was explained in detail by Dr Abdullah Al Mueeed, citing an example of puzzle. The strategic partnership of WaterAid Bangladesh with CSE from 2010-2019 included the capacity building support of CSE which helped Bangladesh to setup state of the art model at Shakipur, Khulna and many more. Adding to it, he reiterated the desire of continuing collaborations with CSE in the field of research, advocacy and capacity building.

Mr Suraj Kumar, Associate Director at IPE Global shared 3 learning based successful impact stories from India and South Asian countries. He explained IPE Global's journey in the field of Faecal Sludge Management and also shared the planning and implementing strategy for three projects – WSIDP at Andaman & Lakshadweep, FSM project at Siem reap and FSM pilot projects at 3 cities of Rajasthan.

Mr S K Gupta, General Manager, UPJN, Lucknow conversed the long association of CSE with the Government of UP for achieving sanitation goals. He added that CSE's capacity building initiatives helped them to improve citywide sanitation throughout the Uttar Pradesh which includes the implementation of FSTPs initiatives in 57 towns out of 60 AMRUT towns. He also acknowledged CSEs work in sensitizing people by trainings, awareness campaigns, exposure visits etc.

Mr Rajat Kumar Gupta from NMCG deliberated the partnership of NMCG with CSE and acknowledged the efforts of CSE in providing training to NMCG officials, handholding support in implementing FSTPs in Ganga basin towns. All these efforts helped NMCG to come up with its first FSTP in Chunar which is under construction and will be completed soon.

Mr. Durgeshwar Tripathi, Executive Officer from BNPP Bijnor shared about the long association with CSE in terms of knowledge sharing as well as hand holding support

to achieve sustainable sanitation. He thanked CSE to help them to carryout various initiatives including CSTF formations, preparation of City Sanitation Plan, Co-treatment at Bijnor STP, proposed DWWTs project and various knowledge sharing initiatives etc.

Mr. R S Tyagi, Member Drainage at Delhi Jal Board shared his experiences about a long collaboration between CSE and Delhi Jal Board. He mentioned about the association between CSE and DJB to train the officials under the capacity building initiative and how it impacted the DJB to come up with many innovative projects including implementation of DWWTs project at DJB Varunalaya. In line with this, DJB is now constructing another DWWTs project at Lajpat Nagar office which will be completed soon. He also said that DJB has released a policy for decentralized wastewater treatment and also practicing the co-treatment of faecal sludge at SPS facilities across Delhi.

Ms. Jyothsna Devi at ASCI, Hyderabad represented ASCI's work in the field of faecal sludge management and citywide inclusive sanitation. She mentioned that in past years many people from ASCI have been trained by CSE and as an impact, ASCI has come up with many interventions related to citywide sanitation. She also shared the successful FSM stories from the state of Telangana & Andhra Pradesh and explained the importance of stakeholder engagement.

The workshop was concluded with a short Q&A session and a vote of thanks by Dr Suresh Rohilla.