International Virtual Training Programme on Preparation of Shit Flow Diagram (SFD)

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Course Module and Structure
Introduction

CSE is a public interest research and advocacy organisation based in New Delhi, India. The Centre researches into, lobbies for and communicates the urgency of development that is both sustainable and equitable. CSE also assists Ministry of Housing and Urban Affairs, Government of India as a Centre of Excellence in the area of sustainable urban water management.

Mapping excreta of a city is increasingly being used to analyze the sanitation in urban areas. An excreta flow diagram (also often described as shit flow diagram), can help to achieve this by offering a new and innovative way to engage sanitation experts, political leaders and civil society in coordinated discussions about excreta management in their city. For more info on SFD and the SFD promotion initiative visit https://sfd.susana.org/.

With more than 100 SFDs (70 + in Ganga basin states & the rest for other cities in India) CSE has made a considerable contribution to support the production and review of good-quality SFDs as well as help train practitioners. We are overwhelmed with the demand for SFD trainings. So, with the travel restrictions in place, we are pleased to announce the International Virtual Training Programme to cater to this demand.

The training programme would consist of two parts – context setting (online platform) and action learning (virtual sessions). The programme is based on state-of-the-art teaching – learning tools consisting of interactive sessions, going through relevant reading material, documentaries, experiential learning using detailed case studies and working in groups

Aim of Training

To provide hands on experience to participants on how to prepare SFD for towns and cities.

Learning outcomes

- Understand SFDs (graphic and report) and the history of their development available
- Understand the need for a standardized methodology
- Understand the tool including their context, range and how to use them
- Use the developed tools to go through a worked example
- Understand the support available to enable the development of SFD for their city
- Prepare SFDs for their towns and cities
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<thead>
<tr>
<th>Topic</th>
<th>Details</th>
<th>Learning Objectives</th>
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<tbody>
<tr>
<td><strong>Communication</strong></td>
<td><strong>How to use Moodle</strong></td>
<td>- Getting familiar with Moodle</td>
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| **Introduction to Shit Flow Diagram (Part A)** | **Module-1 (Context Setting)**  
- What is SFD  
- Why SFD  
- Global Implementation of SFDs  
- SFD phase 3 and CSE’s SFD Journey | The module will introduce the purpose and various applications of SFD. SFD glossary would help in getting acquainted to different terminologies used in SFDs. This module will provide crucial reading material and videos on SFD’s global and Indian journey so far. It also talks about the SFD phase 3. | - To understand purpose and applications of SFDs  
- To get acquainted to SFD terminologies (terms & variables) |
| **Introduction to Shit Flow Diagram (Part B)** | **Module-2 (Context Setting)**  
- How to Read an SFD  
- Data Collection and analysis  
- Methodology of data collection  
- Introduction to graphic generator  
- SFD report and template | The module will help in understanding the approaches that could be adopted to collect data. Type of analysis required that could give data to feed into the graphic generator. A basic introduction to SFD graphic generator which would help participants in getting acquainted to the ways data is fed in generator to generate graphic. Also, to get acquainted to the SFD report templates. | - To understand the type of data required to feed into graphic generator  
- To understand methodology for data collection  
- To learn how to collect, sort and analyze the data  
- To understand basics of running SFD graphic generator  
- To understand the SFD reporting template and different SFD levels |
| **Quiz based on context setting** | | |
| **Deep dive into preparation of SFDs** | **Module-3: Virtual Sessions**  
Day 1: How to read an SFD? 3 hours  
Day 2: Methodology for data collection and analysis  
Day 3: Preparation of SFD Graphic and Report | It will be conducted on virtual platform. A feedback on learnings from part 1 would be taken first. The three-day programme is designed to practically involve participants in SFD making process. There will be live sessions and participants will be engaged through group exercises. | - To understand complications of ground while preparing SFDs  
- To learn how to analyze data  
- To learn to how to use Graphic generator for preparation of SFD practically |
<table>
<thead>
<tr>
<th>Type of Content</th>
<th>Time required in percentages</th>
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<tbody>
<tr>
<td>Power Point presentations and videos</td>
<td>25%</td>
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<tr>
<td>Reading Material</td>
<td>20%</td>
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<tr>
<td>Self-Assessments and assignments</td>
<td>10%</td>
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<tr>
<td>Zoom Call and Group activities</td>
<td>45%</td>
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