



40th WEDC International Conference

Title of Capacity Development Workshop:	Make your own excreta flow diagram (SFD)
Contact details	
Name of proposing organization/s	SFD Promotion Innovative (SFD PI) which includes: GIZ (Germany) WEDC/Loughborough University (UK) Centre for Science and Environment (CSE, India) University of Leeds (UK), Eawag/Sandec (Switzerland) The World Bank Water Group Sustainable Sanitation Alliance (SuSanA)
Practical requirements	
Expected duration: half day/full day	Full Day
Minimum/ Maximum number of participants	Minimum: 8 Maximum: 40

Staff details	
<p>Names, qualifications and brief description of experience of staff delivering the workshop. Staff should be experienced providers of training, known and competent.</p>	<p>This workshop will be led by those who have been developing SFD for cities and towns across the globe. It will be the third time that will be delivered (usually connected to international conferences). It will provide guidance and support to enable participants to develop their own SFD.</p> <p>Cecilia Rodrigues is an advisor at the Sustainable Sanitation Sector Programme at Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, where she coordinates the activities of the SFD Promotion Initiative and works for the Secretariat of the Sustainable Sanitation Alliance (SuSanA). She is a sociologist and specialist in public policies and holds a master's degree in Urban Management from the Technische Universität Berlin (TU Berlin).</p> <p>Rebecca Scott (WEDC) has been involved with the SFD project since 2014, overseeing the production of a number of SFDs and a member of the project Steering Committee. She is a Lecturer in Public Health Engineering, with over 20 years' experience addressing matters of sanitation and water improvements for low and middle income countries.</p> <p>Mr. Bhitush Luthra (CSE) has been working with this tool for over 2 years. He has produced and been involved in developing over 13 SFD for cities across idea. He is an environmental engineer.</p> <p>Dr. Oscar Veses (University of Leeds) has been working in WaSH sector since November, 2015. He has produced SFDs for several cities located in Africa and Asia including Bahir Dar, Bishoftu and Calcutta, among others. Previously, he worked for 4 years in developing tools to carry out sediment quality assessments.</p>

Course details	
<p>Aims: A paragraph summarizing the purpose of the course and how it relates to a need/ demand for the WASH sector</p>	<p>The objective of the SFD Promotion Innovative (SFD PI) is to continue further development of the SFD approach. In this capacity it has developed standardized guidance – a methodology and tools - for the easy production of standardized SFDs. These tools have been trialled in over 48 cities across the globe. The products of this project can be found on: http://sfd.susana.org/sfd-worldwide</p> <p>SFDs have now become extremely popular in the sector, but until recently there has been no standard methodology or procedure for developing them.</p> <p>The focus of this CDW is to introduce the participants to the tools developed by the SFD PI, which has developed a consistent approach and format. It will give the participants practical experience in using these tools. This will culminate in the participants being able use the tools and to develop their own SFD and accompanying report.</p>
<p>Intended audience: Explain who the capacity development workshop is suitable for – what is assumed existing knowledge/ level of education/ experience</p>	<p>This workshop is designed for those who wish to develop an SFD for a town or city. Participants may be:</p> <ul style="list-style-type: none"> • Nongovernmental organizations (NGOs), international NGOs, government agencies, or individuals interested in mapping the excreta flows in towns or cities. • Decision makers who are interested in gaining a better knowledge of how SFD are developed.

<p>Intended Learning Outcomes/Objectives: Please explain in terms of:</p> <ol style="list-style-type: none">1. Knowledge and Understanding2. Subject Specific Skills ...3. Key transferable skills ...	<p>On completion of the workshop participants will be able to:</p> <ul style="list-style-type: none">• Understand SFDs (graphic and report) and the history of their development• Understand the need for a standardised methodology• Understand the available tools including their context, range and how to use them.• Use the tools developed to go through a worked example• Start using the tools to develop an SFD for their city• Understand the support available to enable the development of an SFD for their city
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<p>Format and Content of Workshop A description of the methods of learning and teaching and the learning styles for each session:</p>	<p><u>08:30 – 10:00 – Session 1</u> This expert lead session introduces the participants to SFD, our project and the tools which we have developed. This will include: -General Introduction -Participant self-assessment 1 -Overview of the learning outcomes -Introduction to excreta flow diagrams -Review of the tools which are available on our website -Q&A session on the tools presented <u>10:00 – 10:30 – Coffee break</u> <u>10:30 – 12:00 – Session 2</u> This session introduces the participants to what can be produced with the tools introduced in Session 1, then allows them to explore those tools using a set example. It will include: -Review of Session 1 -Review of the SFD and reports produced -Working through a set example in teams using our calculation tool. - Q&A session -Review of sessions 1 & 2 -Participant self-assessment 2 <u>12:00 – 13:30 – Lunch</u> Participants could switch to another session after lunch. Those who continue are likely to have a keen interest in developing a SFD for their own city or town. <u>13:30 – 15:00 – Session 3</u> <i>Make your own SFD Part 1</i> The team will aid participants to develop an initial SFD for their town and city based on their current knowledge. The team will answer specific questions on the production of SFD <u>15:00 – 15:30 – Coffee break</u> <u>15:30 – 17:00 – Session 4</u> <i>Make your own SFD Part 2</i> -Continuation of the above session -Review of the support available to those interested in continuing this process</p>
<p>Materials to be circulated in advance or after the workshop. A description of any handouts or other supporting documents</p>	<p>The following materials will be provided to all workshop participants</p> <ul style="list-style-type: none"> • Workshop agenda • Examples of SFDs reports for group work • Selected excerpts of the methodology • Case study sheets <p>Registered participants will be requested in advance to bring their laptops and data sets for their cities. Alternatively, case study sheets will be distributed. The material used in the workshop will be made available online. All of the tools used are free and available on an open access website (http://sfd.susana.org/)</p>

<p>Means of assessment and feedback to students: A description of how the participants (and their employers) can gauge if they can meet the intended learning outcomes</p>	<p>Conduct a pre-and post-workshop self-assessment on the key topics and learning outcomes (via a short questionnaire). Identify the participant's learning expectations at the beginning of the session and revisiting the expectations at the end to ensure that they were met. Introduce the specific learning outcomes at the beginning of the CDW and review them at the end of the workshop.</p>
<p>Mechanism and means of course evaluation: A description of how the trainers will obtain feedback on the course.</p>	<p>Final evaluations will be completed by the participants at the end of the workshop. The evaluations will be compiled and will be used for further improvement in the SFD tools and methods as well as of workshop delivery.</p>