



Title of Capacity Development Workshop:	Make your own Shit Flow Diagram (SFD)
Contact details	
Name of proposing organization/s	<p>The SFD Promotion Initiative: WEDC (UK), GIZ (Germany), Centre for Science and Environment (India), Leeds University (UK)</p> <p>In collaboration with: African Population and Health Center (APHRC) (Kenya) Sanergy (Kenya)</p>
Practical requirements	
Timing	Monday afternoon Half day
Minimum/ Maximum number of participants	8-40
Facilities preferred:	<p>Computer and projector Paperboard and pens Tables Internet access (The SFD Promotion Initiative will provide USB sticks to the participants with key documents and the graphic generator, in case internet is not available.)</p>
Staff details	

<p>Names, qualifications and brief description of experience of staff delivering the workshop.</p>	<p>The workshop will be led by members of the SFD Promotion Initiative in collaboration with SFD users from Kenya. The SFD Promotion Initiative members have been developing SFDs for cities and towns across the globe and delivered several SFD trainings. SFD Users from Kenya will share their experience during the training and give advice to the participants.</p> <p>Alix Lerebours, Research Associate at WEDC, Loughborough University Alix Lerebours is a researcher on urban sanitation at WEDC. She previously worked on water and sanitation governance in emergency and development contexts.</p> <p>Rebecca Scott, Lecturer in Public Health Engineering, WEDC, Loughborough University Rebecca has over 20 years' experience addressing sanitation and water service needs in low and middle-income settings through research, consultancy and training to a diverse range of audiences.</p> <p>Cecilia Rodrigues, GIZ Cecilia Rodrigues is advisor at the Sector Programme Sustainable Sanitation at Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, where she coordinates the activities of the Shit Flow Diagram Promotion Initiative and supports the Sustainable Sanitation Alliance (SuSanA) secretariat. Originally from Brazil, Cecilia Rodrigues is a sociologist and specialist in public policies and holds a master's degree in Urban Management from the Berlin Institute of Technology (TU Berlin).</p> <p>Suresh Rohilla, Centre for Science and Environment (CSE)</p> <p>Professor Barbara Evans, Co-Director, Centre for Global Development, Leeds University Barbara holds the chair of Public Health Engineering at Leeds and has over thirty years experience in research and practice to promote sustainable effective city-wide urban sanitation.</p> <p>Alex Manyasi, Sanergy Alex Manyasi directs government affairs for Sanergy, where he has led, for the last 5 years, Sanergy's interactions and strategy in working with national and county stakeholders. Previously, Alex worked for the Kenya Private Sector Alliance and Bridge International Academies. He holds an MBA from the Presbyterian University of East Africa and is currently pursuing his PhD in Leadership and Governance from the Jomo Kenyatta University of Agriculture and Technology.</p> <p>Caroline Kabaria, PhD, African Population and Health Center (APHRC) Caroline is a Post-Doctoral Research Scientist at the African Population and Health Research Center (APHRC). Caroline holds a PhD (2016) from the Open University, UK, specializing in Geo-Informatics (GIS). Caroline led the research work for the Nairobi SFD conducted as part of the Fecal Waste Management (FWM) in East Africa, a dual inquiry into policy and practice along the sanitation value chain funded by the Bill & Melinda Gates Foundation. The project focuses on six rapidly urbanizing areas in East</p>
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	Africa: Mbarara and Kampala (Uganda), Nairobi and Nakuru (Kenya) and Dar es Salaam and Arusha (Tanzania).
Course details	
Aims:	<p>Shit Flow Diagrams (SFD) are a tool to easily understand and communicate visualizing how excreta physically flows through a city or town. It shows how excreta is or is not contained as it moves from defecation to disposal or end-use, and the fate of all excreta generated.</p> <p>The focus of this workshop is to introduce the participants to Shit Flow Diagrams and how to produce one.</p> <p>The participants will learn about SFD uses, tools and process. They gain practical hands-on experience in using these tools. SFD users from Kenya will present their experience of preparing an SFD and give advice to the participants.</p>
Intended audience:	<p>This workshop is designed for those who wish to produce an SFD for a town or city, or who want to understand SFDs.</p> <p>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 an understanding of how SFDs are produced. • Researchers and students who wish to learn more about SFDs. <p>Participants should bring their computers to this workshop.</p>
Intended Outcomes/Objectives:	<p>Learning</p> <p>On completion of the workshop participants will be able to:</p> <ul style="list-style-type: none"> • Understand how and why SFDs were developed • Understand the available tools including their context, range and how to use them to produce an SFD. <p>Understand the output from the SFD production process is an SFD Report</p> <p>Understand what the SFD Report contains.</p> <ul style="list-style-type: none"> • Understand an SFD Graphic <p>Use the tools (i.e. SFD Manual and SFD Graphic Generator) to go through a worked example</p> <ul style="list-style-type: none"> • Start using the tools to develop an SFD for their city • Understand the support available to enable the production of an SFD Report for their city

Format and Content of Workshop	<p>This workshop will combine short presentations, group works and discussions.</p> <p>Session 1 (1.5h): This session will introduce SFDs, their uses and the process of producing one.</p> <ul style="list-style-type: none"> - General introduction - Introduction to SFDs - Why produce a SFD? (group work) - SFD examples from Kenya: reason, process, uses, outcomes. - The SFD production process, the SFD Report & tools available <p>Session 2 (1h): This session will introduce how to use the SFD graphic generator, the support available and what changes have been led by the SFD process.</p> <ul style="list-style-type: none"> - Welcome back - Hands-on use of the SFD Graphic Generator (group work) - Support available to SFD users from the SFD PI - What next? Changes happening in Nairobi and other cities after the SFD process. - Conclusion and feedback
Materials to be circulated in advance or after the workshop.	<p>The following material will be handed out to the participants:</p> <ul style="list-style-type: none"> - Workshop agenda - SFD example(s) from Kenya - Exercise sheet for the Graphic Generator - Tools and Support note <p>All SFD tools are free and available online (http://sfd.susana.org/) Participants will be requested to bring their computers.</p>
Means of assessment and feedback to students:	<p>A rapid round of expectations will be done at the beginning of the workshop and will be revisited at the end to ensure all expectations were met.</p>
Mechanism and means of course evaluation:	<p>An evaluation form will be filled by the workshop's participants.</p>