



40th WEDC International Conference

Title of Capacity Development Workshop:	Introducing the Sanitation Technology Prioritization tool: Identifying appropriate technologies for sanitation and fecal sludge management
Contact details	
Name of proposing organization/s	PATH
Practical requirements	
Expected duration: half day/full day	Half day
Minimum/ Maximum number of participants	Maximum of 30 participants

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>Chelsea Schiller Chelsea is a Project Coordinator for PATH’s water, sanitation, and hygiene (WASH) portfolio. She led the completion of an in-depth landscape on global sanitation technologies and the development of the Sanitation Technology Prioritization tool. Chelsea has experience designing, managing, and delivering workshops. She earned a BA in International Development and Strategic Communications from Seattle University.</p> <p>Evan Williams, MS Evan is a Product Development Coordinator for PATH’s WASH portfolio. He works in the PATH Product Development Shop and field to research, prototype, and implement water and sanitation technologies globally. Evan is the technical lead for PATH’s work on the Sanitation Service Delivery project in West Africa, with a focus on affordable sanitation technologies for urban areas. Evan has developed and presented trainings on experimental design and biomechanical device product development. He earned his MS at University of Washington in Mechanical Engineering and BA in Physics at Middlebury College.</p> <p>Jennifer Foster, PhD Jennifer is a Technical Officer at PATH and is the leader of PATH’s WASH portfolio. She is a qualitative researcher by training and has extensive experience designing and conducting technical evaluations. Jennifer has led a variety of WASH technical evaluations and product development projects, including sanitation projects in West Africa and India. She earned a PhD in Geography and International Development from the University of Colorado at Boulder, and is an experienced lecturer and presenter.</p>

Course details

Aims: A paragraph summarizing the purpose of the course and how it relates to a need/ demand for the WASH sector

Background:

Results from an in-depth landscape of global sanitation technologies conducted by PATH in 2016 indicated that, while it is easy to find information on specific global sanitation technologies, there is a lack of resources that provide comparative information across the sanitation service chain. The landscape also highlighted the lack of tools that support technology selection for specific settings. As new and improved sanitation technologies become available, it is important for sanitation engineers and program implementers to be able to prioritize and select technologies based on how well the technologies address their specific social, technical, and/or market needs.

Based on these results and with input from WASH experts, PATH developed the Sanitation Technology Prioritization tool—an interactive tool designed to assist sanitation engineers and program implementers in identifying and prioritizing sanitation technologies based on a particular context and need. The tool is available on the PATH website:

<http://www.path.org/publications/detail.php?i=2651>.

Aim:

The aim of the workshop is to introduce the Sanitation Technology Prioritization tool, train participants on how to use the tool, and demonstrate how the tool can be used to select technologies to create an effective sanitation service chain—from user interface to final reuse and/or disposal. Additionally, we will seek user input to inform future improvements to the tool.

Intended audience:

Explain who the capacity development workshop is suitable for – what is assumed existing knowledge/ level of education/ experience

The target audience of this workshop includes sanitation engineers, program implementers, and experts who are responsible for selecting technologies for sanitation and fecal sludge management; individuals involved in WASH technology development and program implementation; and participants who want to better understand technology options across the sanitation service chain.

Participants are expected to be familiar with the sanitation service chain.

<p>Intended Learning Outcomes/Objectives: Please explain in terms of:</p> <ol style="list-style-type: none"> 1. Knowledge and Understanding 2. Subject Specific Skills ... 3. Key transferable skills ... 	<p>The intended outcome of this workshop is for participants to learn how to use the Sanitation Technology Prioritization tool to inform the identification and prioritization of sanitation technologies for specific settings.</p> <p>Upon completion of the workshop, participants will be able to:</p> <ul style="list-style-type: none"> - Effectively use the Sanitation Technology Prioritization tool. - Identify sanitation technologies for each phase in the sanitation service chain— user interface, storage and containment, conveyance, treatment, and use and/or disposal. - Prioritize sanitation technologies for a given challenge/gap. - Understand how the Sanitation Technology Prioritization tool informs the selection of technologies to create an effective sanitation service chain. - Provide feedback on the usability of the tool to inform future versions.
<p>Format and Content of Workshop A description of the methods of learning and teaching and the learning styles for each session:</p>	<p>Workshop Content/Agenda</p> <p>1.5 hours</p> <ul style="list-style-type: none"> - <i>Introduction (30 minutes):</i> Findings from the global sanitation technology landscape - <i>Demonstration (1 hour):</i> Introduction and instruction on use of the Sanitation Technology Prioritization tool <p>1.5 hours</p> <ul style="list-style-type: none"> - <i>Case study practice session (1 hour):</i> Using the Sanitation Technology Prioritization tool to select appropriate technologies following an example case study - <i>Debriefing/sharing session (30 minutes):</i> Feedback on the tool's usability

<p>Materials to be circulated in advance or after the workshop. A description of any handouts or other supporting documents</p>	<p>Digital copies of the following training materials will be provided to attendees at the workshop:</p> <ul style="list-style-type: none"> - Instructions for using the Sanitation Technology Prioritization tool. - Sanitation Technology Prioritization tool. - Case study example.
<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>Participatory evaluation to be conducted at end of session.</p>
<p>Mechanism and means of course evaluation: A description of how the trainers will obtain feedback on the course.</p>	<p>Participants will be asked to complete a course evaluation at the end of the workshop. The course evaluation will request feedback on course contents, presentation skills, and how the objectives of the workshop were met.</p>