

# SFD – a tool to foster sustainable urban sanitation



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World Water Week 2015, Stockholm

# The SFD Promotion Initiative

sustainable  
sanitation  
alliance

**giz** Deutsche Gesellschaft  
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On behalf of

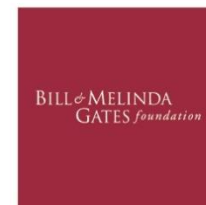


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SFDs are a useful tool to inform urban sanitation programming. They offer an innovative way to engage city stakeholders like political leaders, sanitation experts and civil society organizations in a coordinated dialogue about excreta management.



# Improving understanding of urban sanitation

SFDs are a new way of visualizing excreta management in cities and towns

## Background

The fate of excreta produced by urban populations across the globe is often poorly understood. Particularly in low- and middle-income with rapidly expanding cities, excreta management represents a growing challenge: generating significant negative public health and environmental risks.

[read more](#)

## What is an SFD?

An excreta flow diagram (also often described as shit flow diagram, SFD) is a tool to readily 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. An accompanying report describes the service delivery context of the city or town.

[discover](#)

## Purpose of an SFD

SFDs are a useful tool to inform urban sanitation programming. They offer an innovative way to engage city stakeholders like political leaders, sanitation experts and civil society organizations in a coordinated dialogue about excreta management. They can also be used for advocacy.

[read more](#)

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## SFD toolbox

In the future this is where the SFD guidance documents will be posted. It will include: a methodology for data collection, the SFD calculation tool, a glossary and an explanation of the SFD credibility process. These are all currently under development.



### Methodology

The SFD Promotion Initiative is developing a standardized approach with two different levels of data collection to produce city-wide SFDs: desk-based and field-based data collection.



### How to make an SFD

Through working with stakeholders and partners in 50 cities and towns around the globe, we are gaining experience in producing SFDs. With this expertise we are generating easy to understand guidance documents, which will then enable you to produce an SFD for your location too. We will upload all the documents needed to make an SFD and its accompanying report in one place here.



### Credibility process

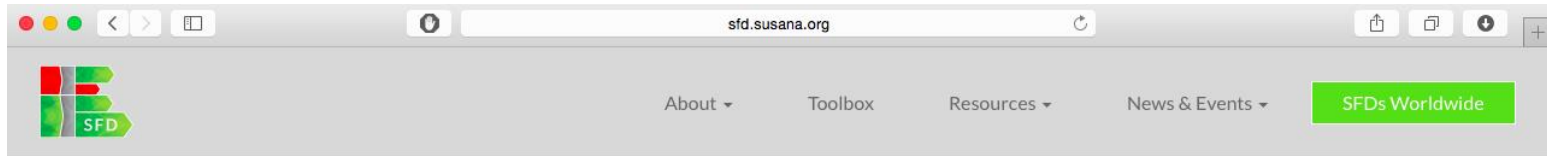
The SFD Promotion Initiative is currently developing an accreditation mechanism for SFDs to promote standardization across cities.



# SFD Worldwide



# SFD Worldwide



[back to overview](#)

## Moshi

Tanzania - [Draft version available](#)

Moshi is a Tanzanian municipality with a population of 184,292 according to the 2012 census. The municipality is situated on the lower slopes of Mount Kilimanjaro, a dormant volcano that is the highest mountain in Africa. The municipality covers about 59 square kilometers and has been chosen as a SFD city for the reason that very motivated town staff worked out the first SFD in own initiative.

Prepared by

GIZ



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### Downloads & Links

[SFD for Moshi](#)

**To discuss further today  
attend the SFD discussions this afternoon:**

**Sustainable City Sanitation - from planning to  
implementation**

16:00 – 17:30, Room: NL Pillar Hall

**SuSanA Working Group 6 (Cities) Meeting**

17:45 – 18:45, Room NL 253

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