SFD Promotion Initiative



Prit Salian / Susanne Bieker (on behalf of) GIZ Kampala WASH Symposium 23 June 2016 Speke Resort, Kampala, Uganda



Overview

- The status quo of urban Sanitation
- Background on SFDs
- The SFD Promotion Initiative
- What is an SFD?
- Some SFDs produced so far
- SFD Portal sfd.susana.org
- Upcoming activities (2015 2018)



The status quo of urban Sanitation

- Strong focus on sewerage by International financial institutions and governments, but
- most urban dwellers with sanitation access use on on-site systems: <10% of urban Africa has sewer access
- Virtually all poor people use informally managed on-site sanitation systems
- Failure to manage the whole sanitation service chain results in gross fecal contamination of the environment

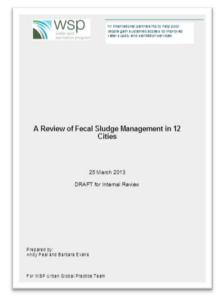


Background on SFDs

 March 2013, World Bank - Water and Sanitation Program (WSP) commissioned Prof. Barbara Evans and Mr. Andy Peal to develop a Review of Fecal Sludge Management in 12 Cities (Unpublished report)

Some results

- Poor sanitation in informal areas not generally addressed, although often a major city-wide public health hazard
- Policy and spending usually biased towards sewerage – subsidies for the rich. As usual, the main victims are poor people, women and other vulnerable groups
- * A Review of Fecal Sludge Management in 12 Cities. Unpublished report, 2013 World Bank WSP
- ** The Missing Link in Sanitation Service Delivery, 2014 World Bank WSP

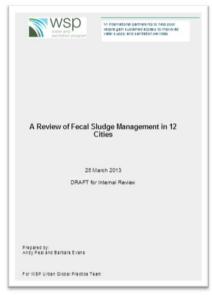






Background on SFDs

- On-site solutions/ systems often seen as a temporary solution and therefore neglected by city authorities and poorly managed
- Data on sanitation not collected city-wide so problems not properly identified and prioritized
- Feacal sludge management is "invisible" to policymakers







The SFD Promotion Initiative

SFD Promotion Initiative

sustainable sanitation alliance















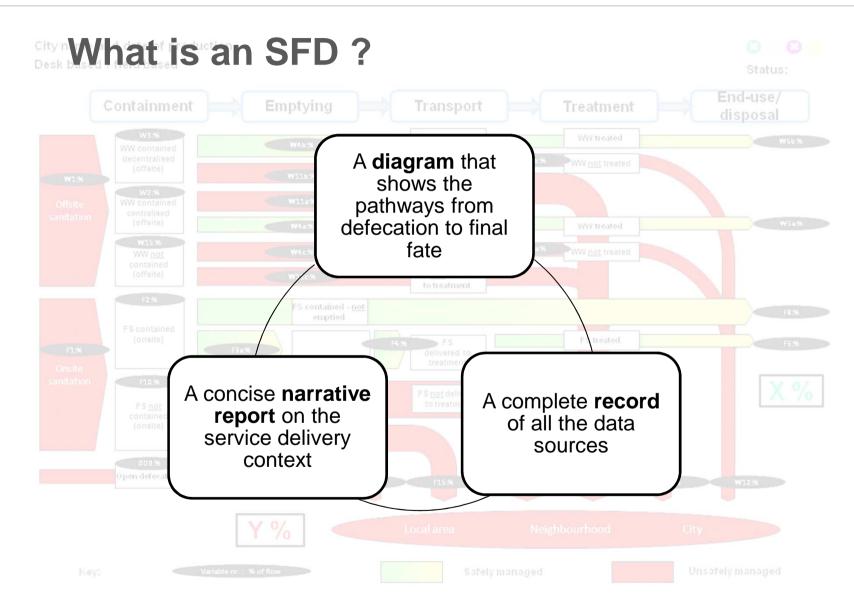




Sandec Sanitation, Water and Solid Waste for Development

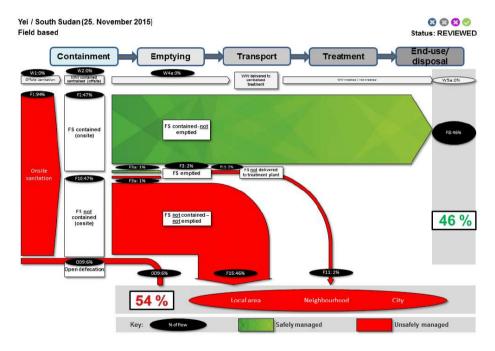








What is an SFD?







What is an SFD?

- An effective communication and advocacy tool to engage city stakeholders like political leaders, sanitation experts and civil society organizations in a coordinated dialogue about excreta management.
- A tool for engineers, planners and decision-makers to focus on the most urgent challenges in the sanitation chain
- Based on contributing populations, it gives an indication of where the urban excreta goes
- A representation of public health hazard
- An overview from which to develop sanitation priorities



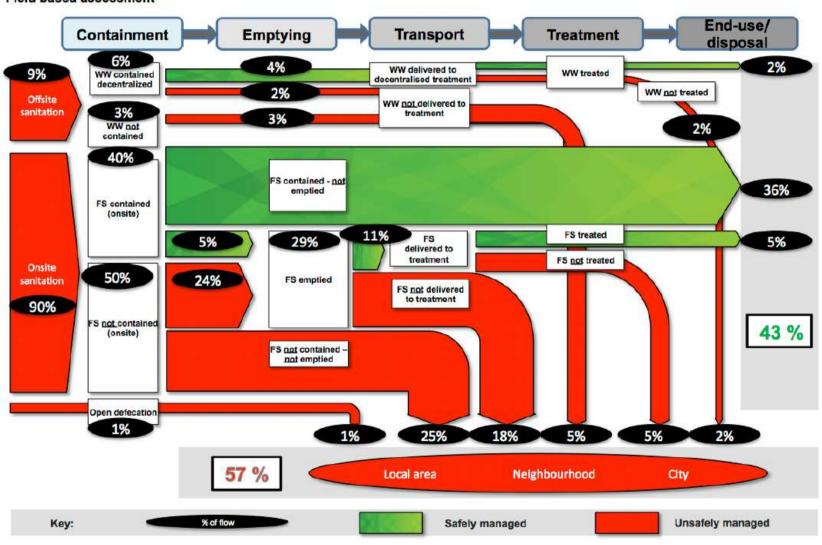
What is an SFD not?

- An SFD is <u>not based on volumes</u>/ mass flows
- An SFD is <u>not a representation of public health risk</u> (because risk includes hazard and behaviour)
- A SFD is not a precise scientific analytical tool

SFD

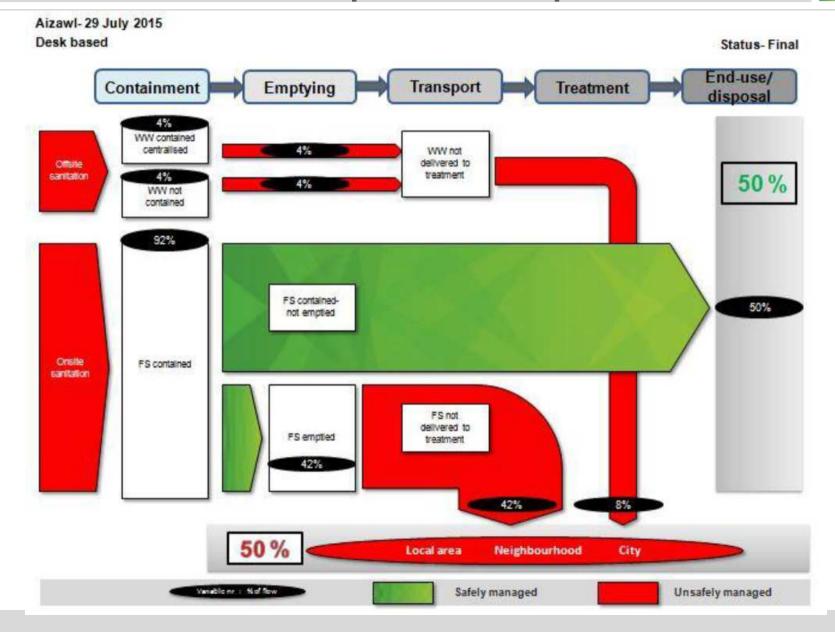
Some examples of SFDs produced so far

Dar es Salaam, Tanzania, 03.09.2015 Field based assessment



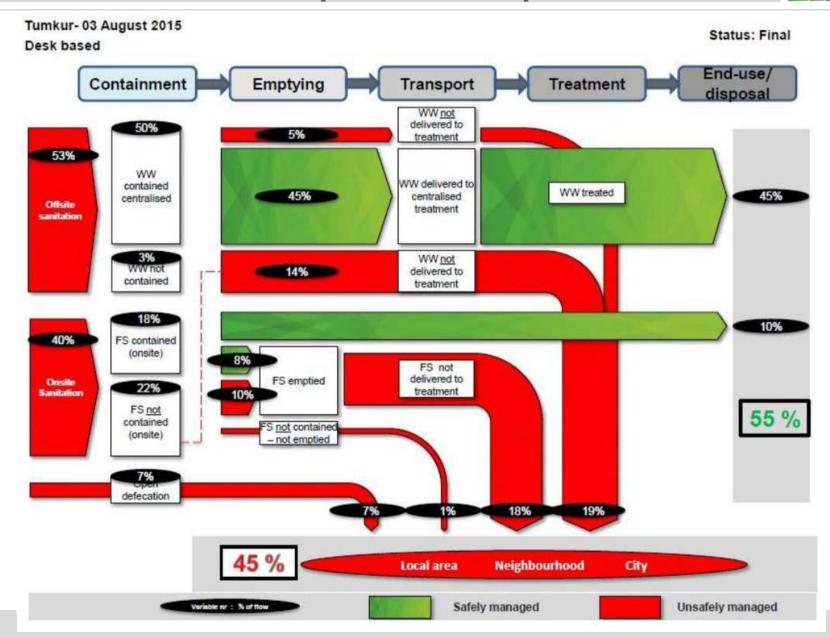
SFD

Some examples of SFDs produced so far

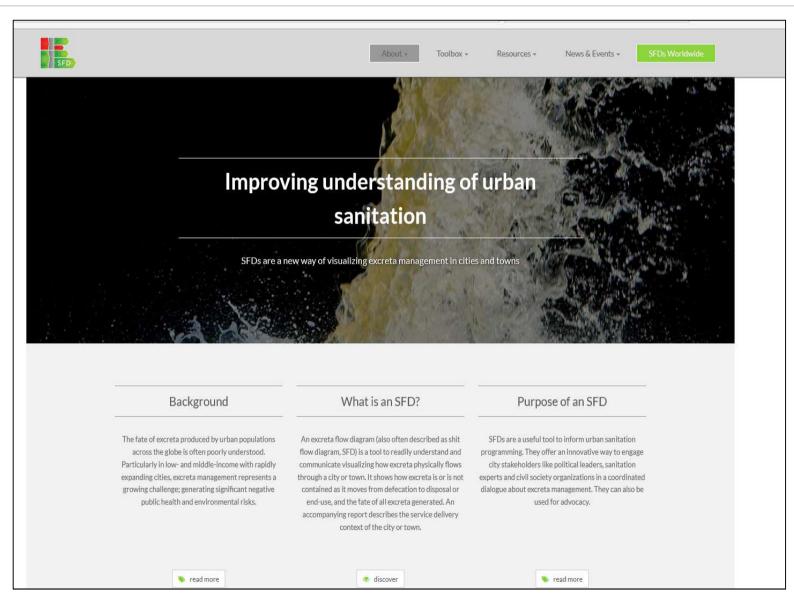


SFD

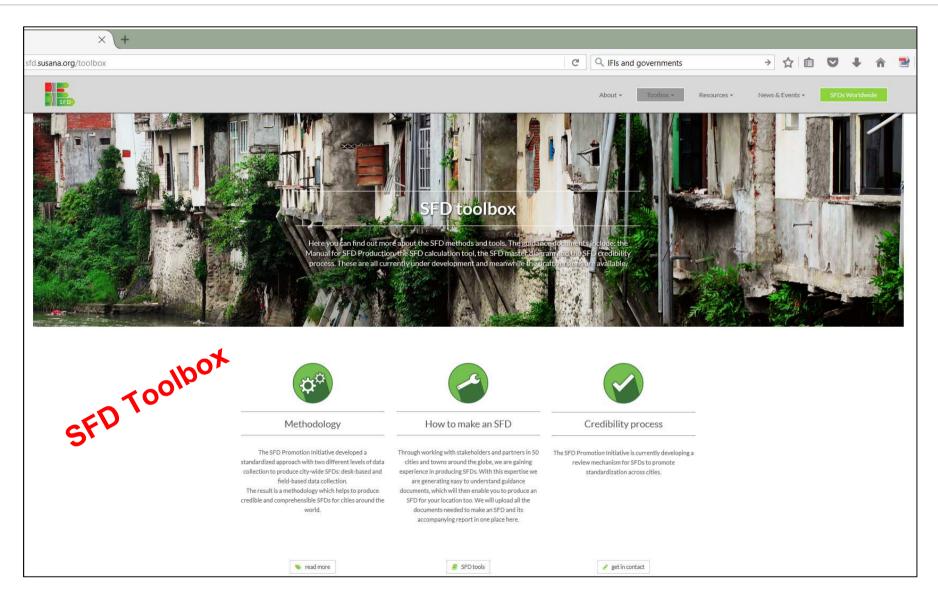
Some examples of SFDs produced so far













Methodology

How to make an SFD



How to make an SFD

Through working with stakeholders in cities and towns around the globe, we gained experience in producing SFDs. With this expertise we generated draft versions of the guidance documents, which you are now able to use to produce an SFD for your location. These documents are working drafts, produced under the SFD Promotion Initiative and are currently being field tested.



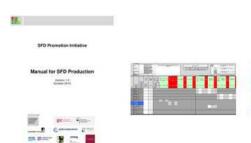
Download of Draft Manual for SFD Production from the SuSanA Library

The Draft Manual for SFD Production includes the following components:

- · Part A: Methodology for data collection
- · Part B: Stakeholder Engagement Document
- . Part C: Guidance note for calculation tool
- · Part D: Glossary of variables and terms
- Part E: Methodology for Evaluating Quality and Credibility of SFDs

The SFD Toolbox comprises:

- . The Manual for SFD Production (Draft)
- . The SFD calculation tool (Draft)
- The Stakeholder Tracking Tool (Draft)
- The SFD Master Diagram (Draft)





Manual for SFD Production

SFD Calculation Tool

SFD Master Diagram

Stakeholder Tracking Tool



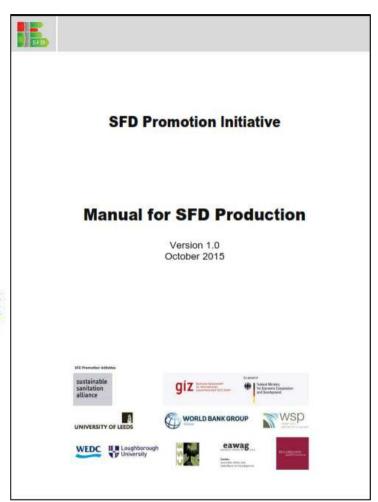
Part A: Methodology for data collection

Part B: Stakeholder Engagement Document

Part C: Guidance note for calculation tool

Part D: Glossary

Part E: Methodology for Evaluating Quality and Credibility of SFDs





Data input

SFD Calculation Tool

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Description of terms and variables provided in the accompanying glossary



Service Delivery Context Assessment

- Policy, legislation and regulation (i.e. institutional roles, standards)
- Planning (i.e. targets, investments)
- Equity (i.e. range of affordable, appropriate, safe and adaptable technologies to meet the needs of the urban poor)
- Outputs (i.e. quantity, capacity and quality)
- Expansion (demand, sector development)
- Service outcomes (SFD)





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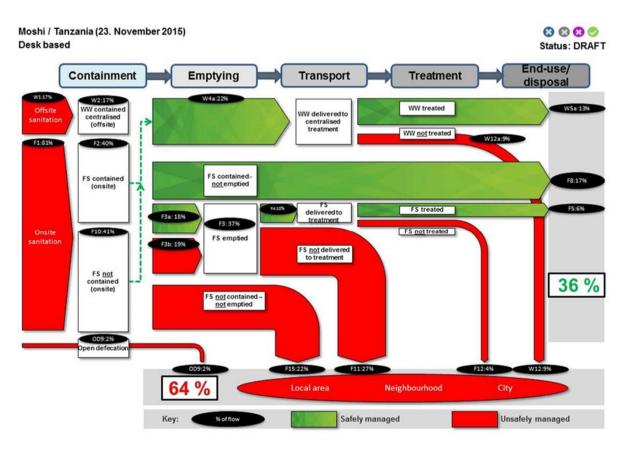


Quality control and quality assurance

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Types of data	0	0	0	0	0	Municipal, utility or private local service provider records									
sources used	0	0	0	0	0	Interviews with city authorities and local government departments									
	0	0	0	0	0	Documented studies									
	0	0	0	0	0	Community representatives (interviews desk- and field-based, FGDs only field-based)									
	0	0	0	0	0	Service providers (interviews desk- and field-based, FGDs only field-based)									
	0	0	0	0	0	Observation (only field-based)									
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Moshi, Tanzania





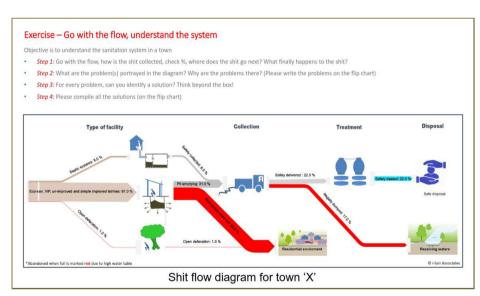




Town planning, GIZ Uganda

Reform of the Urban Water and Sanitation Sector (RUWASS)

 Used in 6 towns as a platform for involvement of a wider group of stakeholders (technical and non-technical)







Upcoming activities (2016 – 2018)

- Refinement of methodology, tools and templates
 - Data to graphic tool online available
 - Helpdesk online assistance available
- Development of guidance documents and interactive training package, including workshops
 - Workshops like today on "What are SFDs?"
 - Workshops for producing SFDs
- Provide support to the independent production of SFDs
- Receive and quality control SFDs for posting on website (future review of SFDs)
 - Users / producers of SFDs of today to become the reviewers of tomorrow



Elsewhere...

- Zambian National Urban and Peri-Urban Sanitation Strategy (2015-2030), Ministry of Local Government and Housing (MLGH)
- Urban Sanitation Implementation Manual, Government of Uganda - Ministry of Water and Environment:
- Huge potential in India
 - Used by GIZ Sanitation Program in the trainings for 30 cities
 - Widely used by CSE (especially in the Ganges area)
 - Potential to be used in the "City as the unit of change" attempt undertaken in Tamil Nadu
 - and lately...



India ...

You always need hard work and a good timing in order to get successful...

As SFD are funded by the Bill and Melding Gates Foundation it was great seeing Bill Gates visiting India and using the SFD of his visiting city to address his concerns about FSM in India.

This had, as you can assume, a lot of echo in the news and therefore a wider recognition of SFDs.

Additionally, you always need good partners.

CSE has achieved to deliver the SFDs as the cover story of a journal to all Indian members of the government...



Please vist the web-portal: http://sfd.susana.org

For more information, please contact: Cecilia.Rodrigues@giz.de prit.salian@i-san.co.uk

SFD Promotion Initiative





















Sandec Sanitation, Water and Solid Waste for Development

