The SFD Promotion Initiative





Partners of the SFD Promotion Initiative

SFD Promotion Initiative

sustainable sanitation alliance















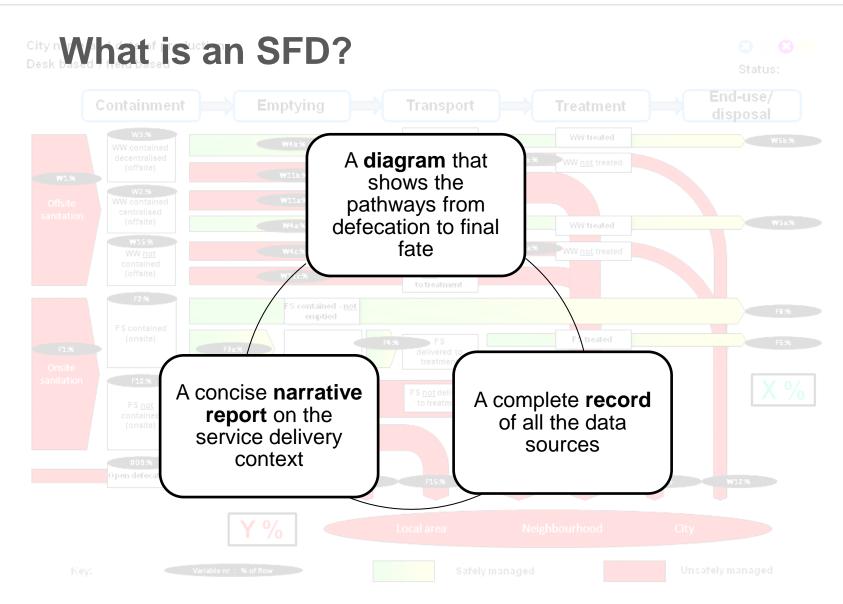






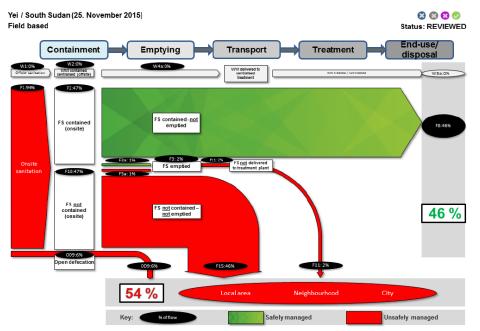








What is a SFD







Service Delivery Context Assessment

Containment

Emptying

Transport

Treatment

End-use/ disposal

Enabling

- Policy
- Planning
- Regulation

Policy: To what extent is sanitation included in acknowledged and available policy documents? **Institutional roles:** To what extent are the roles and clearly defined and operationalized?

Service provision: Does the regulatory framework enable investment by service providers?

Standards: Are norms and standards systematically monitored and reported?

Targets, Investments...

Developing

- Outputs
- Equity

Sustaining

- Expansion
- Service outcomes

Quantity / capacity: Does access to sanitation meets the demands and targets?

Quality: Are the procedures and processes for monitoring and reporting access to sanitation?

Choice: Is there a range of affordable and appropriate techn. that meets the needs of the poor?

Reducing inequality: Do plans and measures ensure sanitation serves all users,?

Demand: Are there policies and procedures, or programs to stimulate demand and behaviours by households?

Sector development: Are there ongoing programs and measures to strengthen the role of service providers (public or private) in the provision of sanitation services, in urban or peri-urban areas?



Kampala, GIZ RUWASS

- Gain common understanding of FSM issues in Kampala amongst stakeholders - Road map
- Identify synergies amongst actors

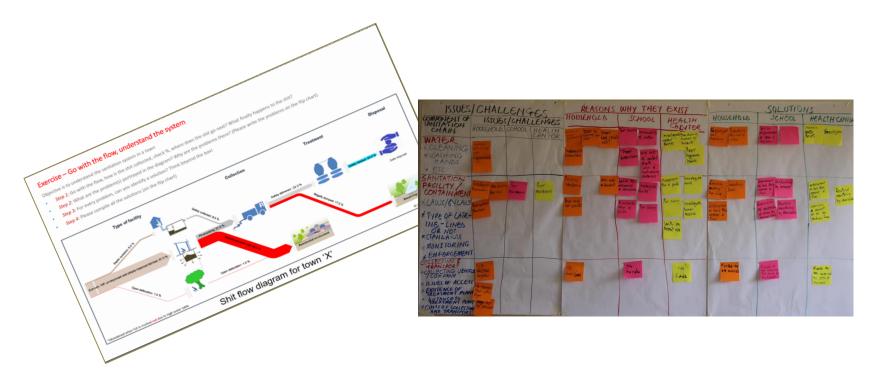




Town planning, GIZ Uganda

Reform of the Urban Water and Sanitation Sector (RUWASS)

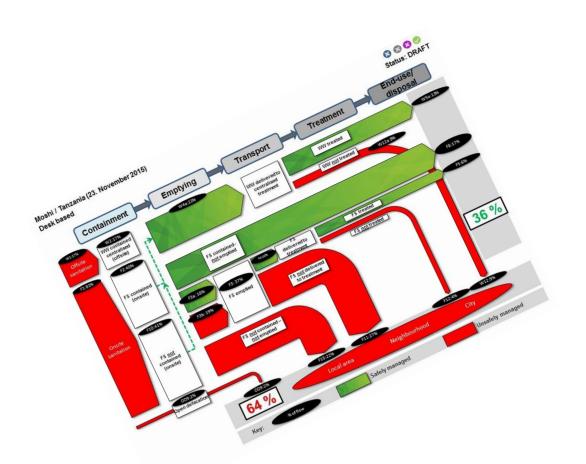
 Used in 6 towns as a platform for involvement of a wider group of stakeholders (technical and non-technical)



SFD Meeting, Stockholm, Sweden



Moshi, Tanzania





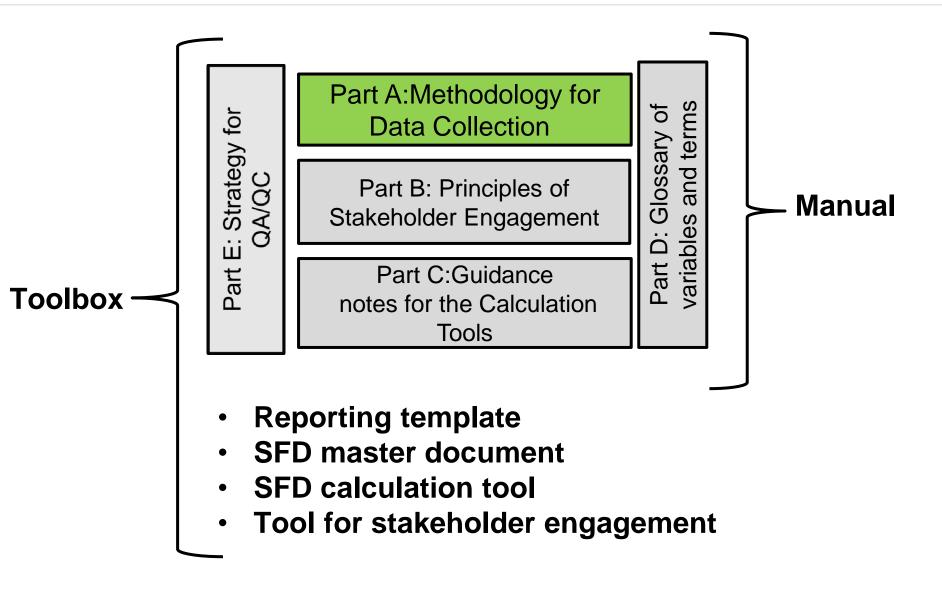




Elsewhere...

- 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
- 40 SFDs being prepared as of now.





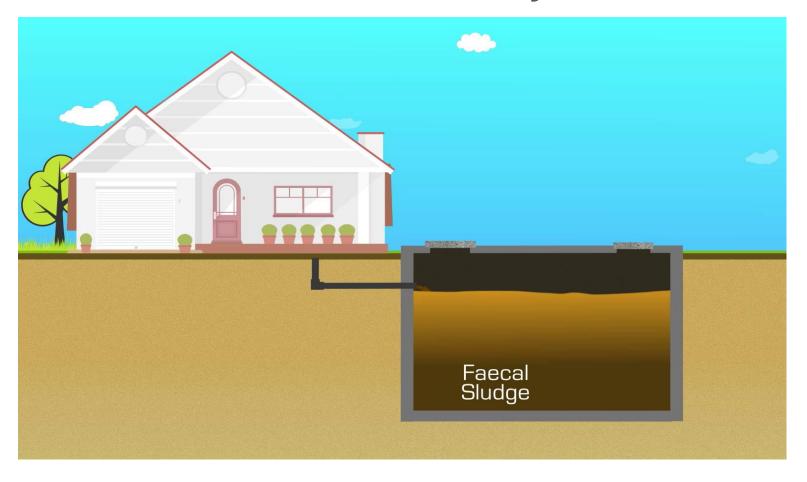
Terms and Variables: A Glossary



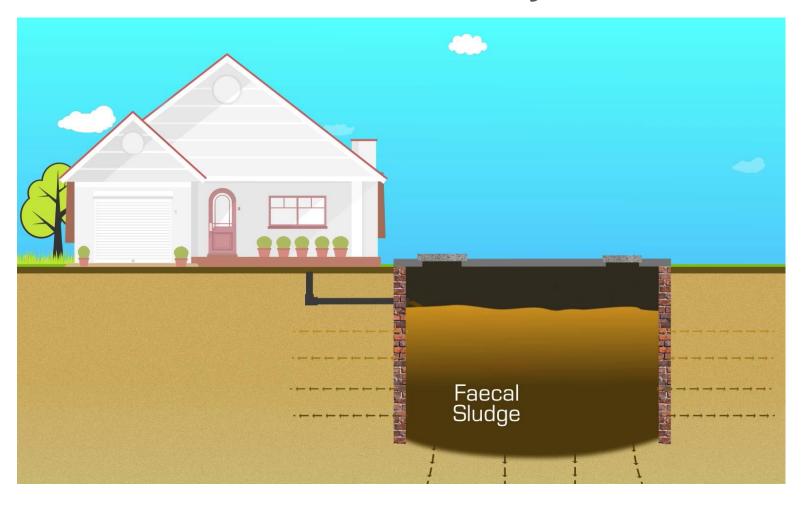




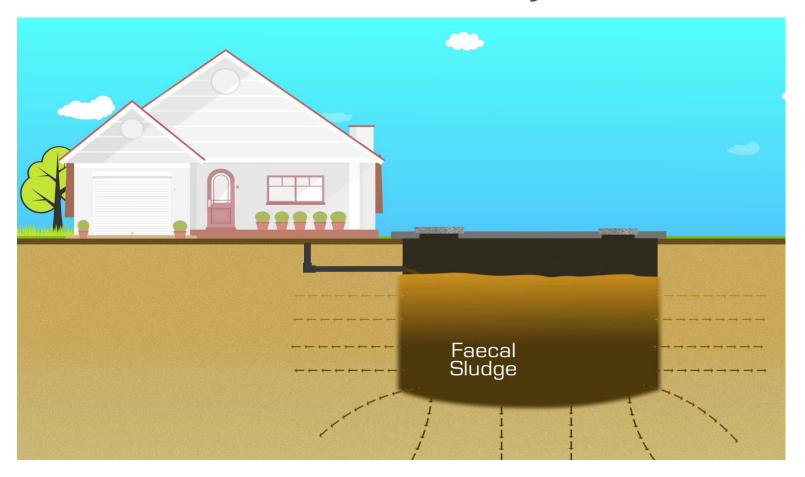














Terms and Variables

Purpose

- It helps the user to understand the variables and terms used in the manual (calculation tool, master SFD, methodology etc.) in much better way.
- The purpose of Glossary is to bring everyone around the globe on same page, because septic tank as it is comprehended in India might not be same for Africa.



Part 1 - Definition of variables

Variable No: W2- Wastewater contained centralised (offsite)

Ref (refer to SFD calc tool, Tab2, col A)	Description (Refer to SFD calc tool, Tab2, col B)	Definition	Sanitation containment system reference (Refer to PPT document and SFD calc tool, Tab 2, col C)	
T1A1C1	User interface discharges directly to a centralised combined sewer	This is a fully functioning user interface discharging directly to a correctly designed, properly constructed, fully functioning centralised combined sewer. The excreta is raw, untreated and hazardous, but since it is captured in the sewer, all the excreta in this system will contribute to variable W2.	L1	
T1A1C2	User interface discharges directly to a centralised foul/separate sewer	This is a fully functioning user interface discharging directly to a correctly designed, properly constructed, fully functioning centralised foul/separate sewer. The excreta is raw, untreated and hazardous, but since it is captured in the sewer, all the excreta in this system will contribute to variable W2.	rully functioning centralised foul/separate treated and hazardous, but since it is	

August 2016

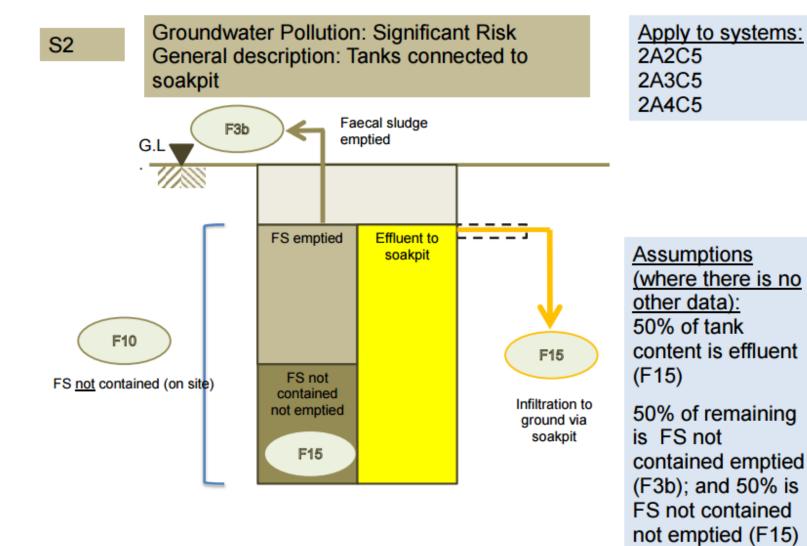


Part 2 - Definitions of terms

GENERAL TERMS

Term	Definition	Comments and Regional Examples	References
Abandoned Pit Latrine	A pit which is never emptied but instead, once full, the content is covered over with soil and the pit abandoned.	e.g. Arbor loo	
Applied to Land	Wastewater: May be applied to agriculture, home gardening, forestry, sod and turf growing, landscaping, parks, and golf courses. Faecal Sludge: May be applied to agriculture, home gardening, forestry, sod and turf growing, landscaping, parks, golf courses, mine reclamation, as a dump cover, or for erosion control.		Tilley et al, 2014 "Compendium of Sanitation Systems" 2nd Edition, p148
Blackwater	Blackwater is the mixture of urine, faeces and Flushwater along with anal cleansing water (if water is used for cleansing) and/or dry cleansing materials		Tilley et al, 2014 "Compendium of Sanitation Systems" 2nd Edition, p10
Centralised Sewer System	A system used to collect, treat, Discharge, and/or reclaim Wastewater from large user groups (i.e. neighbourhood to city level applications).	In some locations, Sewer systems do not Discharge to a centralised Treatment Plant but instead Discharge unTreated Wastewater direct to a Water Body.	Tilley et al, 2014 "Compendium of Sanitation Systems" 2nd Edition, p98
Combined Sewer	Sewer network where Blackwater and Stormwater runoff are carried by the same Sewers.		David Blockley, 2005 "The New Penguin Dictionary of Civil Engineering"





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SFD Calculation Tool





SFD calculation Tool

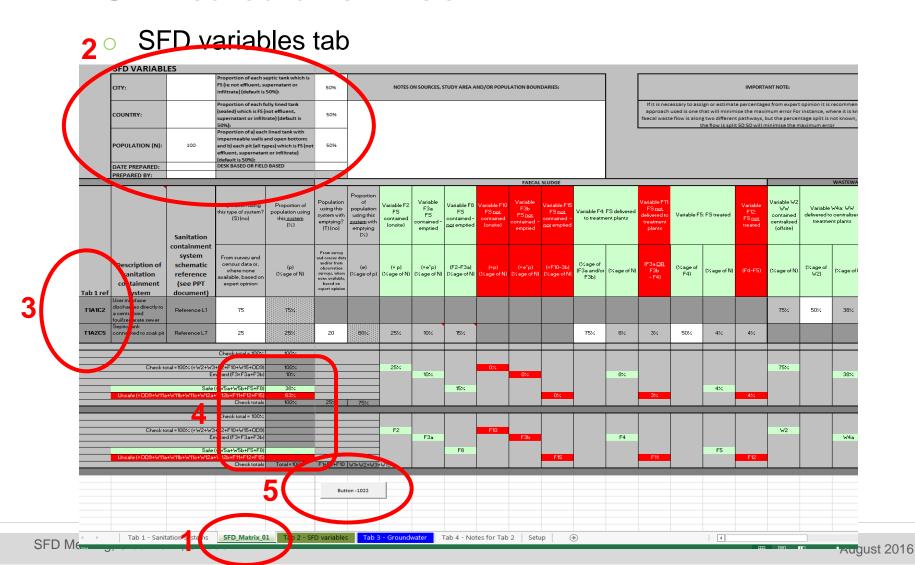
- Excel file with macros
- 3 tabs:
 - Groundwater Contamination
 - Sanitation Systems
 - SFD variables
- Final tab→ Unique matrix with info on sanitation systems in a city
- Final purpose:
 - Calculate % of excreta for all variables in the SFD
- Definition of variables → Glossary (.docx)

Download the Graphic Converter here:

http://www.susana.org/en/resources/library/details/2357

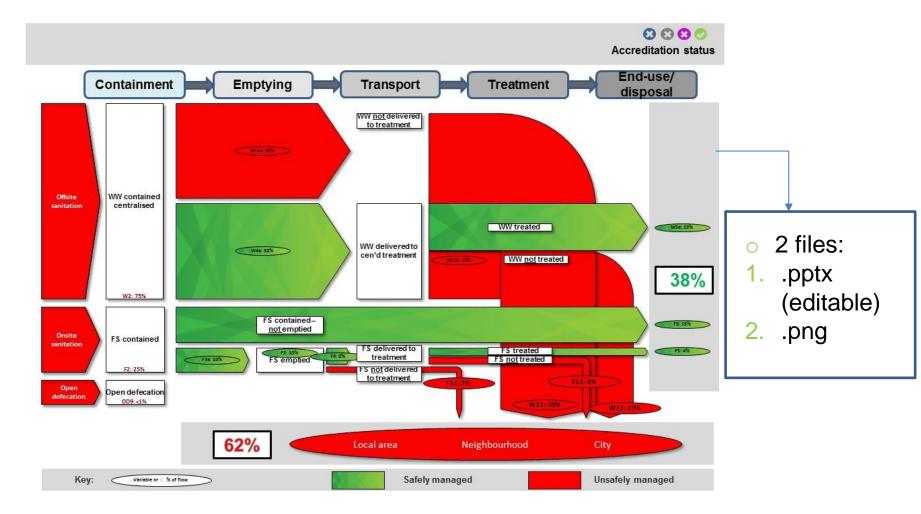


SFD calculation Tool



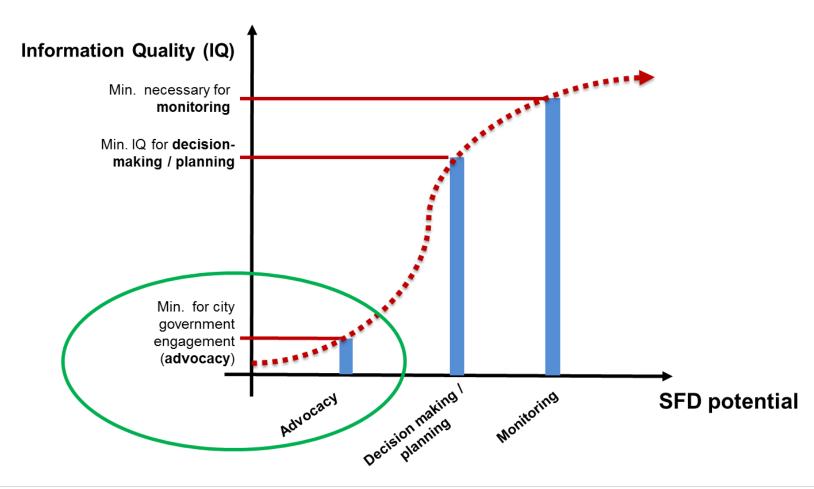


SFD calculation Tool



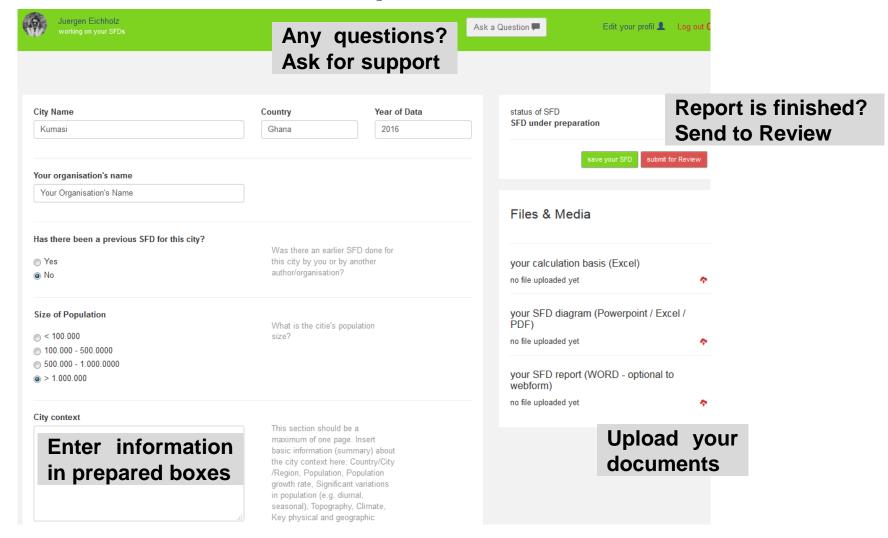


SFD potential in relation to information quality





Soon: the SFD helpdesk





Thank you!

Please visit www.sfd.susana.org

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