

Introduction to the SFD promotion initiative

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SFD – Promotion Initiative

sustainable sanitation alliance

giz Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

On behalf of
 Federal Ministry for Economic Cooperation and Development


UNIVERSITY OF LEEDS

WEDC | **Loughborough University**

eawag
 aquatic research ooo



wsp
 water and sanitation program



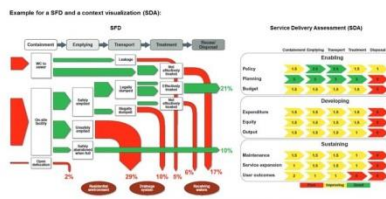


SFD Promotion Initiative

Promoting fecal waste flow analysis to inform urban sanitation programming

Sanitation remains the most off-track of all Millennium Development Goals (MDGs), with the WHO/UNICEF Joint Monitoring Program estimating that 2.5 billion people lack access to safe and hygienic toilet facilities that ensure health and dignity. This includes 750 million urban dwellers in continuously growing cities and urban centers, but the MDG target does not take into account the sustainable management of excreta from contamination, through conveyance to treatment and final safe disposal or end-use for resource recovery, thus hiding a much larger problem.

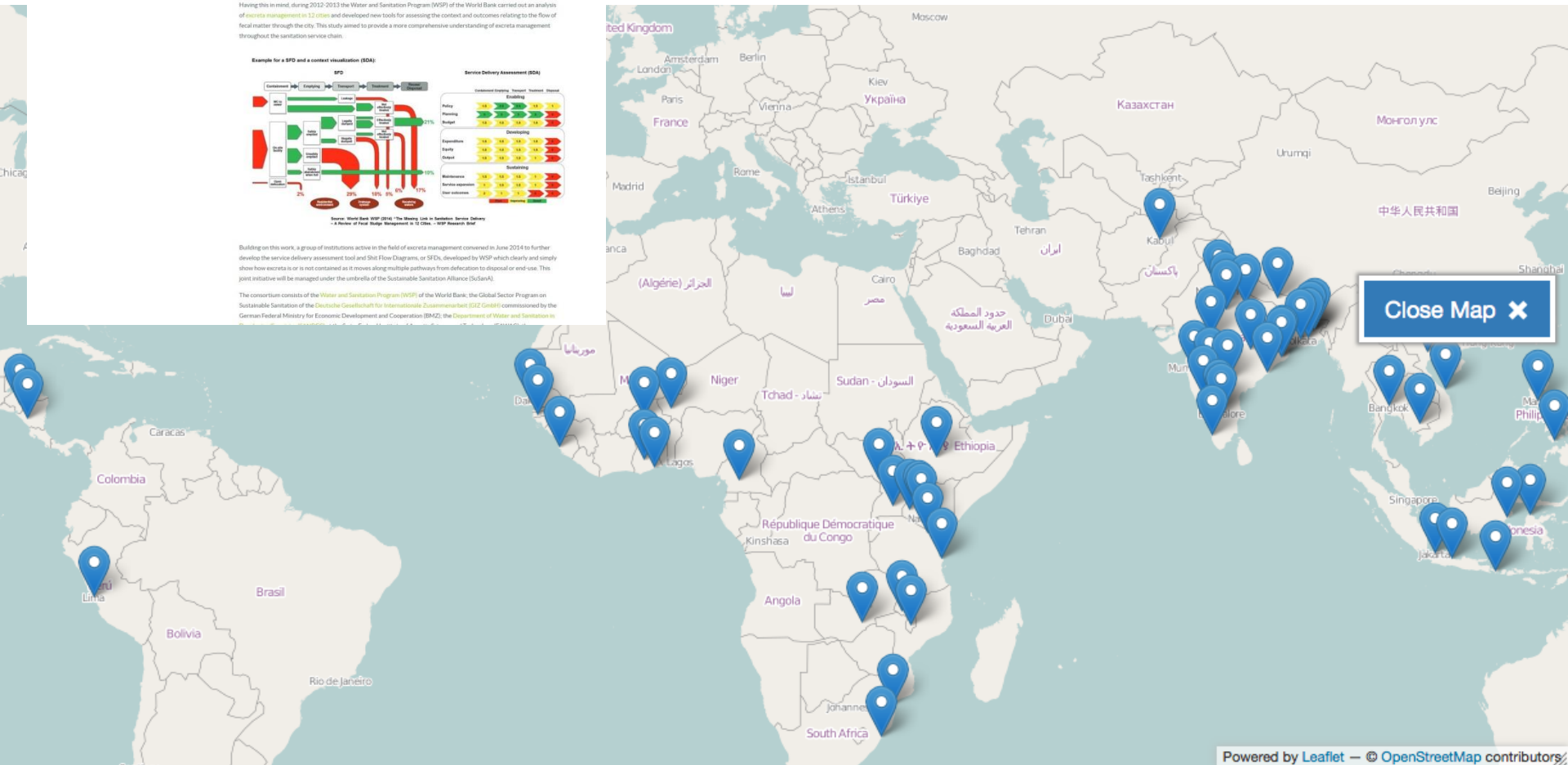
Having this in mind, during 2012-2013 the Water and Sanitation Program (WSP) of the World Bank carried out an analysis of excreta management in 12 cities and developed new tools for assessing the content and outcomes relating to the flow of fecal matter through the city. This study aimed to provide a more comprehensive understanding of excreta management throughout the sanitation service chain.



Building on this work, a group of institutions active in the field of excreta management convened in June 2014 to further develop the service-delivery assessment tool and Shit Flow Diagrams, or SFDs, developed by WSP which clearly and simply show how excreta is or is not contained as it moves along multiple pathways from defecation to disposal or end-use. This joint initiative will be managed under the umbrella of the Sustainable Sanitation Alliance (SuSanA).

The consortium consists of the Water and Sanitation Program (WSP) of the World Bank; the Global Sector Program on Sustainable Sanitation of the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ GmbH); commissioned by the German Federal Ministry for Economic Development and Cooperation (BMZ); the Department of Water and Sanitation in

Let us produce a SuSanA SFD-Plattform with a SFD world map!





The diagram can influence a range of Sanitation Programming contexts!

India as an example:

National Level

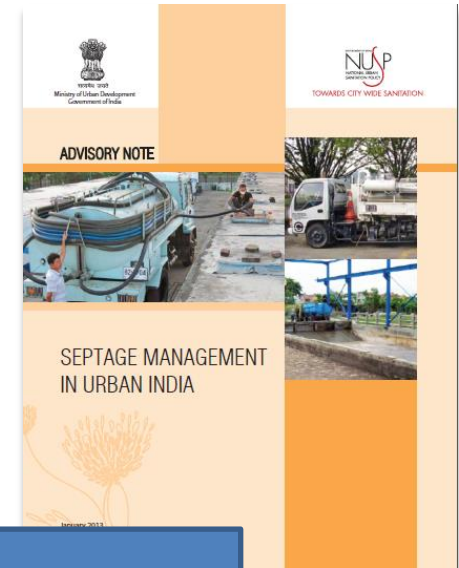
NUSP (National Urban Sanitation Strategie) 2008
[Septage management to be addressed (2013)]

State Level

State Sanitation Strategie
[Develop septage management instruments]

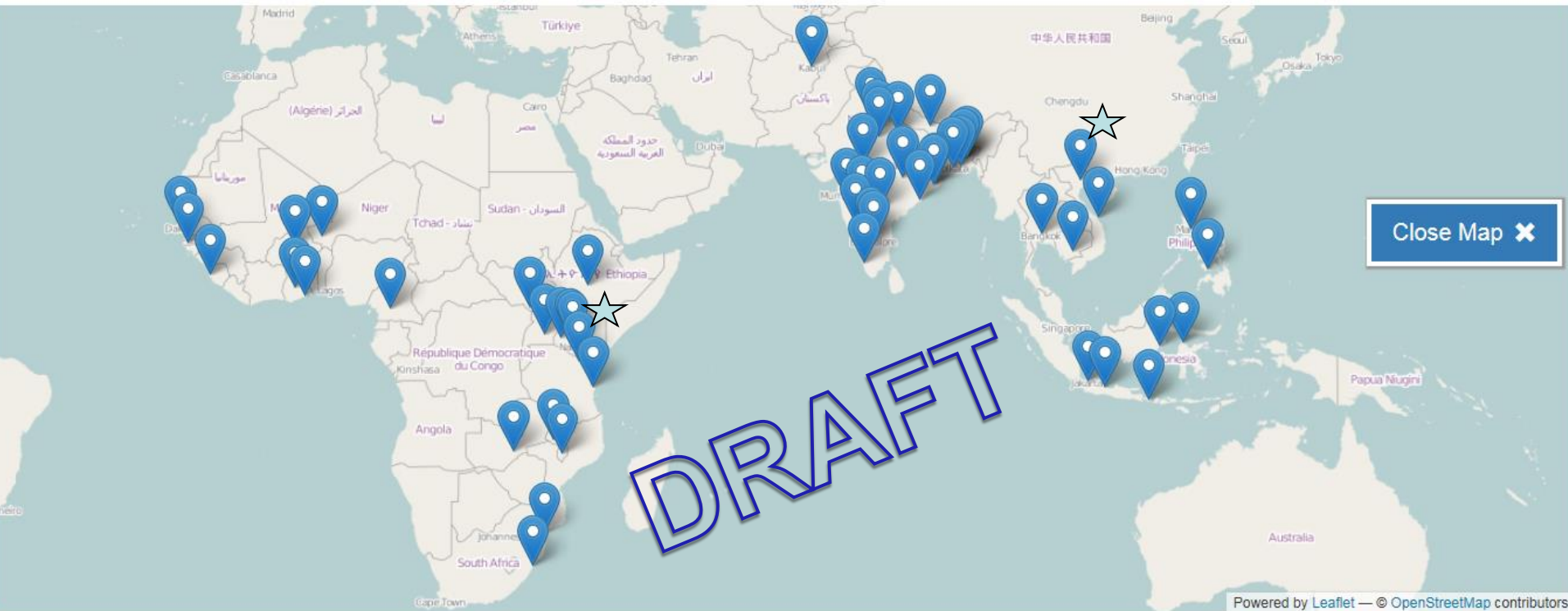
City Level

Produce CSPs (City Sanitation Plans)
as binding documents for implementation



2015: Tool Box for
CSP-Production
under preparation

SFD is a candidate to
become the tool that
summarizes the
sanitation situation
in all Indian cities



Aim:

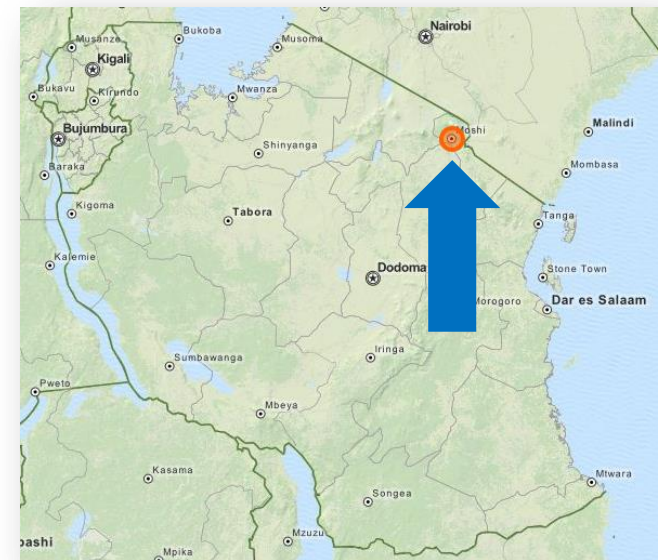
Achieve better excreta management by promoting and demonstrating the power of SFDs for summarizing and presenting what happens to excreta in cities.

- **Learn from 50 cities** in Africa, Asia and Latin America about SFD-potentials
- Provide a **SFD-production Handbook** (discuss e.g. credibility versus accuracy)
- Provide a Handbook on a **minimum SFD-context description**
- Provide a **quality control for all SFDs** being uploaded at SuSanA
- Kick-start discussions around the potential of SFDs (e.g. **“standardization” versus “going with individual city-needs”**)
- Gradually allow for a more and more independent SFD production



The story of Moshi – Tanzania:

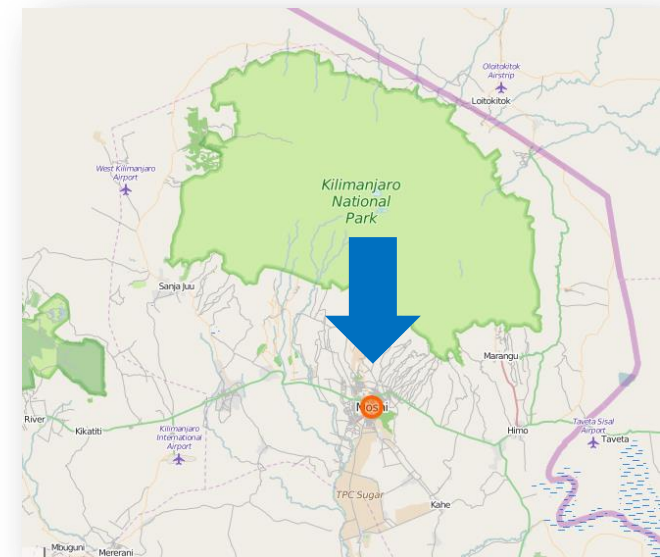
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The story of Moshi – Tanzania:

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- South of the Kilimanjaro National Park





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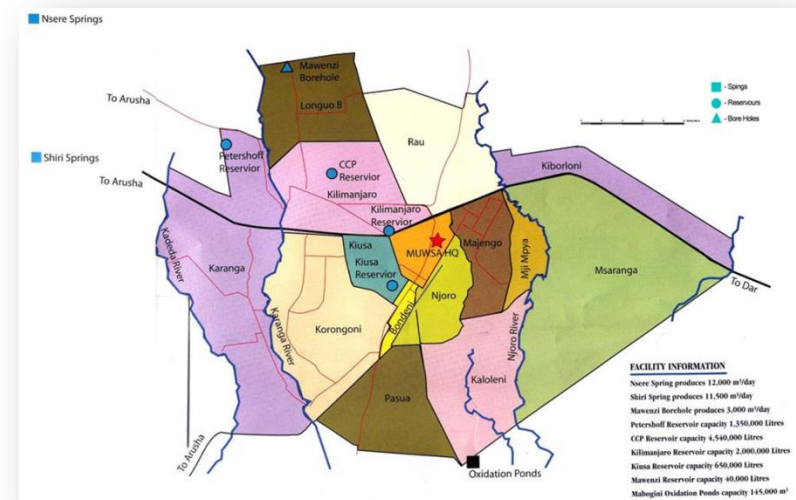
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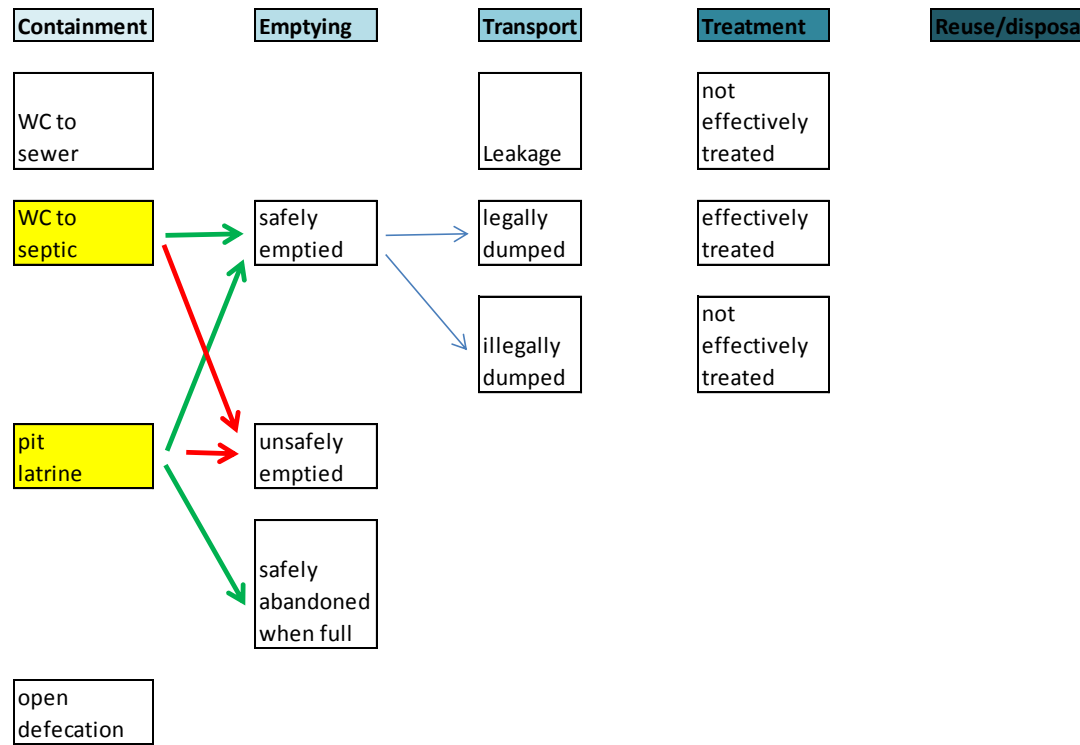
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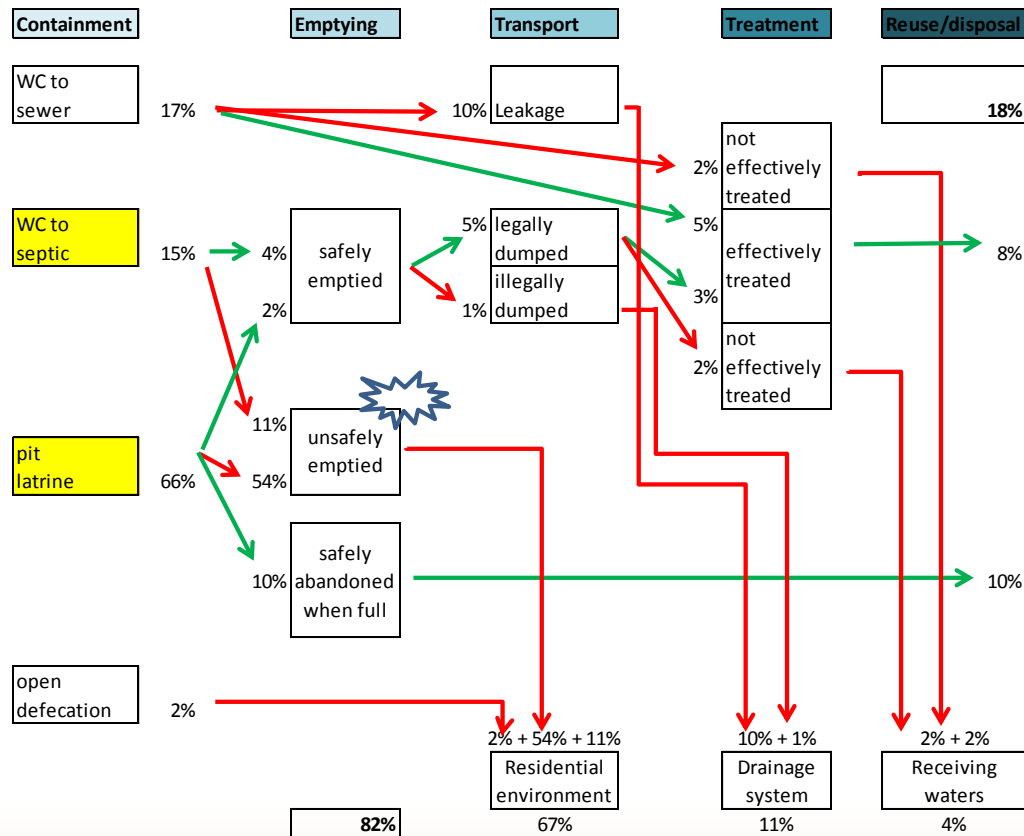
It took them some time ...





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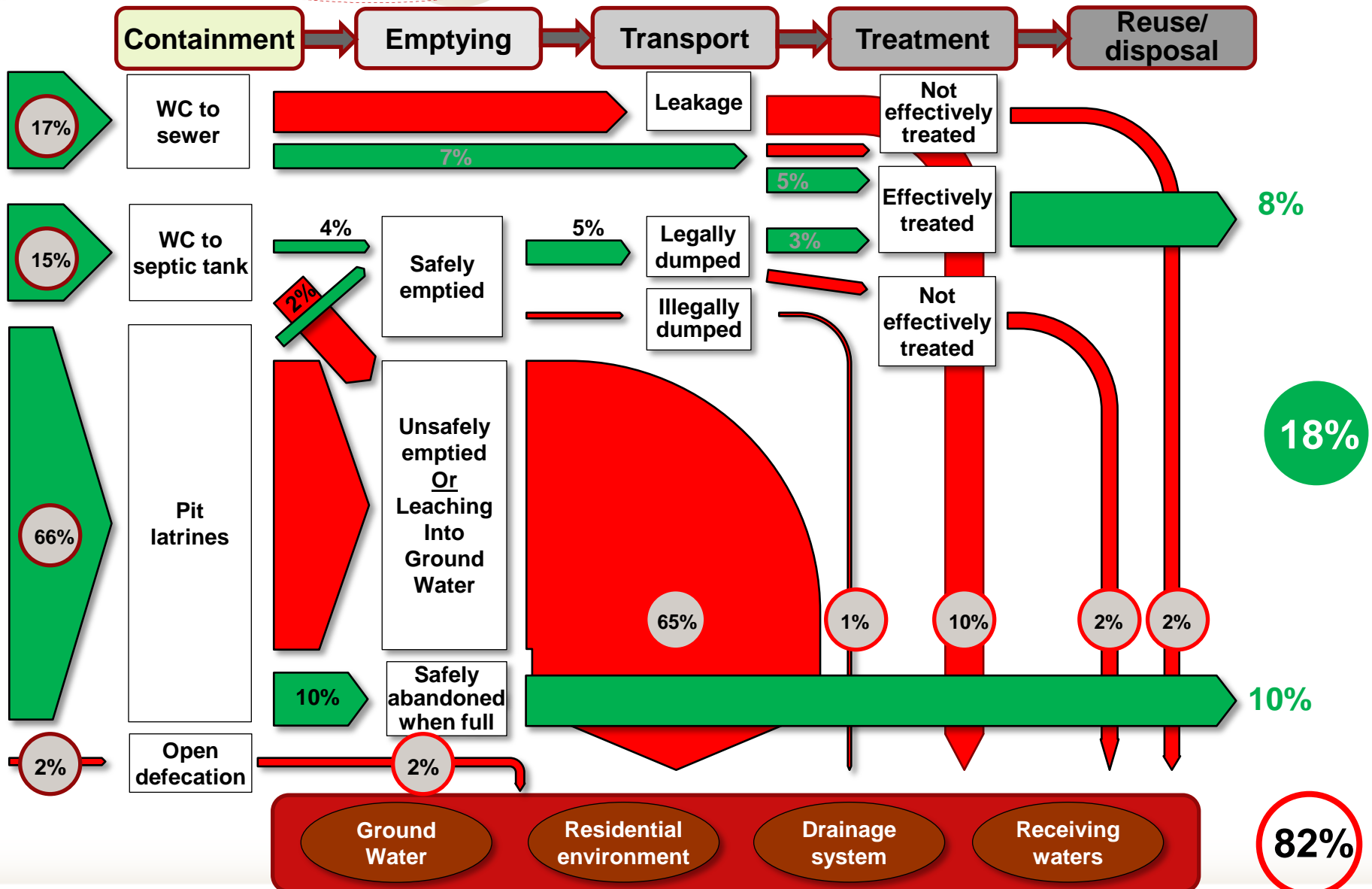
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The story of Moshi – Tanzania:

... and intensive communication with Andy (Peal) to come up with the ... current shape





Group-Work: Local Authority “Role Play”



SFD is an advocacy and decision-support tool with the potential to shift the focus of attention, money and activities towards more effective and more inclusive urban sanitation

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