

SFD Promotion Initiative

Presented by:

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Global Sector Programme Sustainable Sanitation

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)
GmbH



Partners of the SFD Promotion Initiative

- Water and Sanitation Program (WSP) of the World Bank
- 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)
- Department of Water and Sanitation in Developing Countries (SANDEC) at the Swiss Federal Institute of Aquatic Science and Technology (EAWAG)
- water@leeds research group of the University of Leeds (UoL)
- Water, Engineering and Development Centre (WEDC) of Loughborough University
- Centre for Science and Environment (CSE).



Purpose and aims

The main aim of the project is to promote better understanding of excreta management in cities by demonstrating the power of the SFD in summarizing and presenting what happens to excreta:

- developing tools and mechanisms for the easy production of standardized SFDs, description of information sources and enabling environment in the city concerned
- testing this approach in 50 cities in Africa, Asia and Latin America and disseminate the results via the Sustainable Sanitation Alliance (SuSanA) platform

SFD is an advocacy and decision support tool with:

- potential to shift the focus of attention, money and activities towards more effective and inclusive urban sanitation

sustainable sanitation alliance



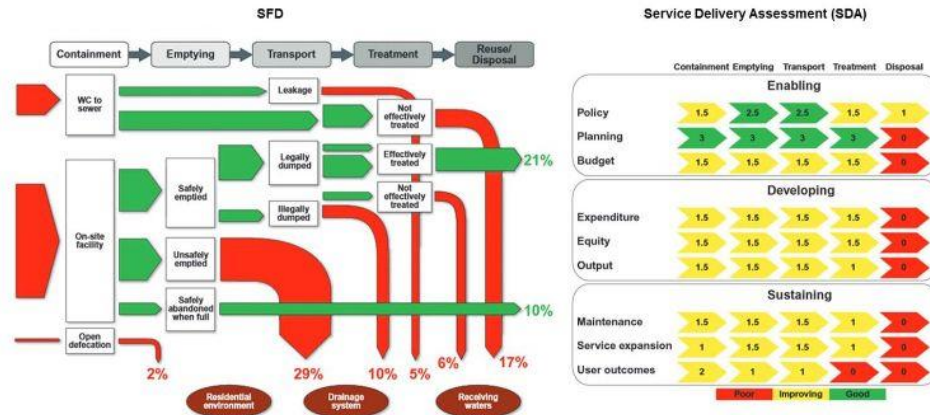
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Promoting fecal waste flow analysis to inform urban sanitation programming

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 containment, 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 context 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.

Example for a SFD and a context visualization (SDA):



Source: World Bank WSP (2014) "The Missing Link in Sanitation Service Delivery – A Review of Fecal Sludge Management in 12 Cities. – WSP Research Brief"

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



To discuss further attend Workshop 1a on Thursday

Thursday 22 January, **09.00 – 12.30** (lunch starts at 12.30)

**Diagnostic Tools and Guidelines for FSM, with a focus on
Faecal Waste Tracking and Public Health**

Convenors: WSP, WEDC, OPM, GIZ and Emory University

Thank you for your attention