



IV LATINOSAN
CONFERENCIA LATINOAMERICANA
DE **SANEAMIENTO**
PERÚ 2016



MINISTERIO DE
VIVIENDA
CONSTRUCCIÓN Y
SANEAMIENTO

SFD – UNA HERRAMIENTA PARA FOMENTAR LA PROGRAMACIÓN SOSTENIBLE DE LO SANEAMIENTO URBANO

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SuSanA – Alianza de Saneamiento Sostenible
GIZ



Contenido



- Introducción SuSanA
- Antecedentes en saneamiento urbano
- Introducción del enfoque SFDs
- La metodología y herramientas
- Experiencias con los SFDs
- Perspectivas futuras

SuSanA – Alianza de Saneamiento Sostenible



- SuSanA es una red informal de los que comparten una visión común sobre el saneamiento sostenible.
- Funciona como una plataforma de coordinación, plataforma de trabajo, participante en el dialogo de políticas en saneamiento sostenible y como un “catalizador”.
- La meta general de SuSanA es contribuir a la consecución de los ODM/ODS, mediante la promoción de sistemas de saneamiento que consideren todos los aspectos de la sostenibilidad.
- SuSanA actualmente se compone de más de 6000 miembros individuales, 265 organizaciones asociadas

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Antecedentes



- Foco en sistemas del alcantarillado por instituciones financieras internacionales y gobiernos
- Prácticamente toda la gente pobre usa sistemas de saneamiento in-situ que son manejados informalmente
- Fracaso en manejar cada parte de la cadena de servicios de saneamiento resulta en una gran contaminación fecal del medio ambiente

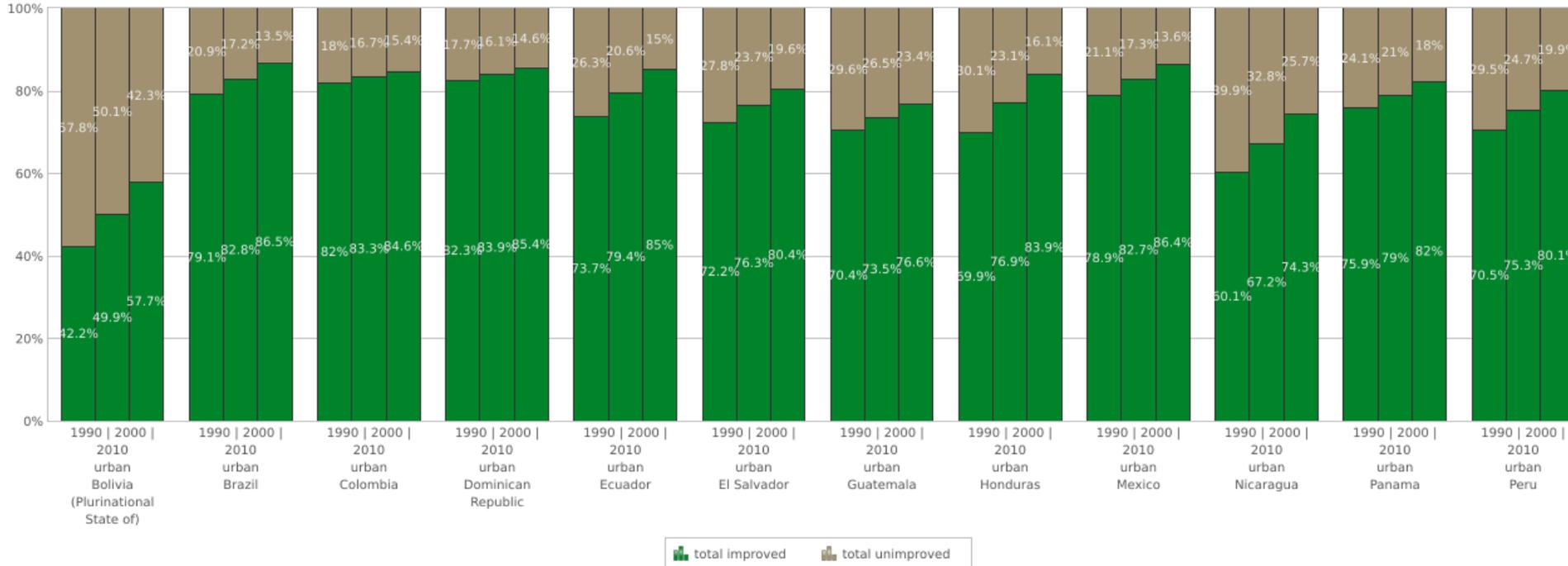
* A Review of Fecal Sludge Management in 12 Cities. Unpublished report, 2013 World Bank - WSP

** The Missing Link in Sanitation Service Delivery, 2014 World Bank - WSP

Saneamiento urbano en América Latina



Percentage of population with access to sanitation in 1990 - 2000 - 2010
 Bolivia (Plurinational State of), Brazil, Colombia, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Peru



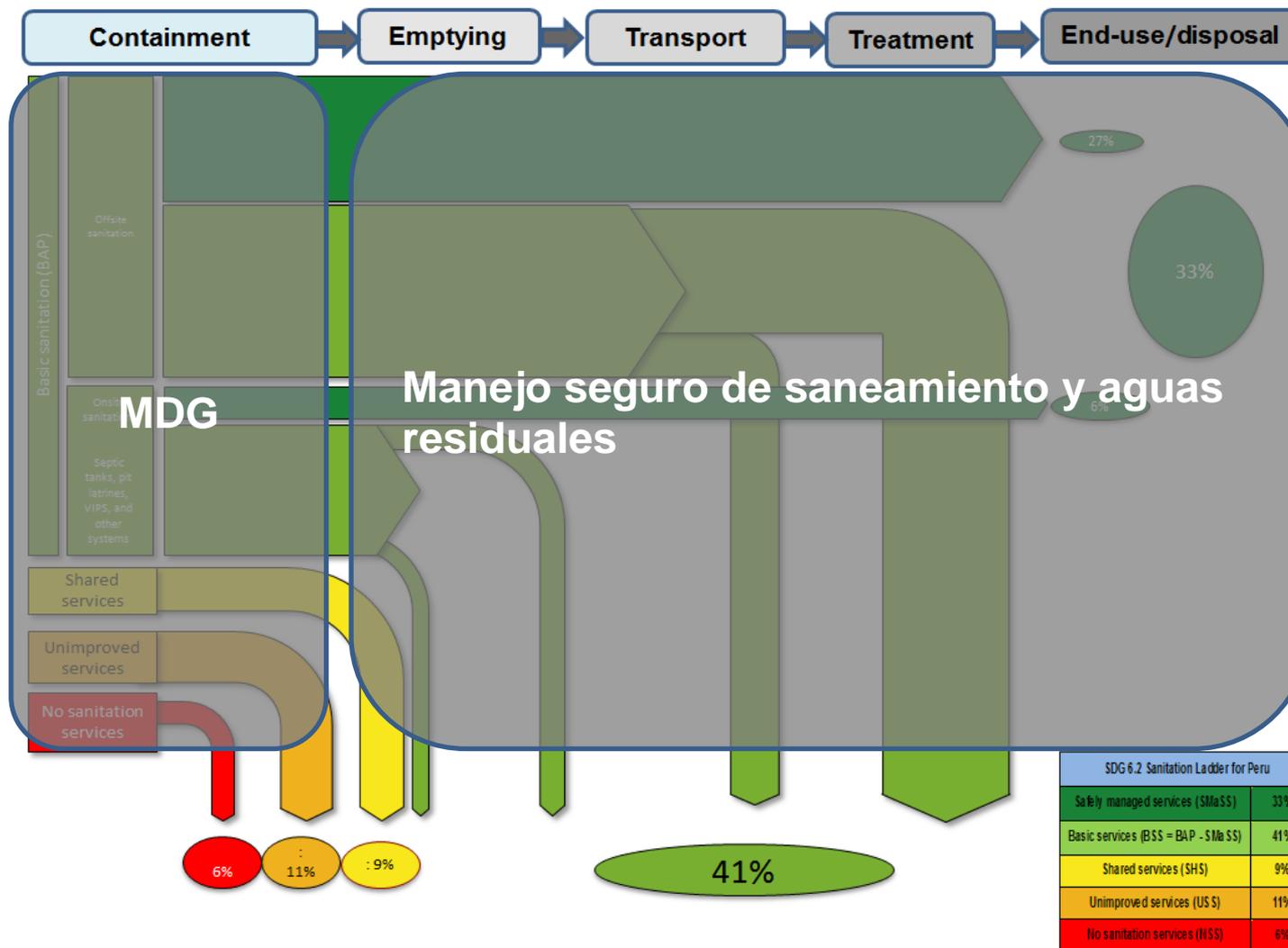
* JMP

sustainable sanitation alliance





Los ODS



* JMP

Iniciativa de Promoción del SFD



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giz Deutsche Gesellschaft
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On behalf of

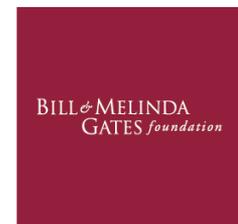


Federal Ministry
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eawag
aquatic research ^{ooo}

Sandec
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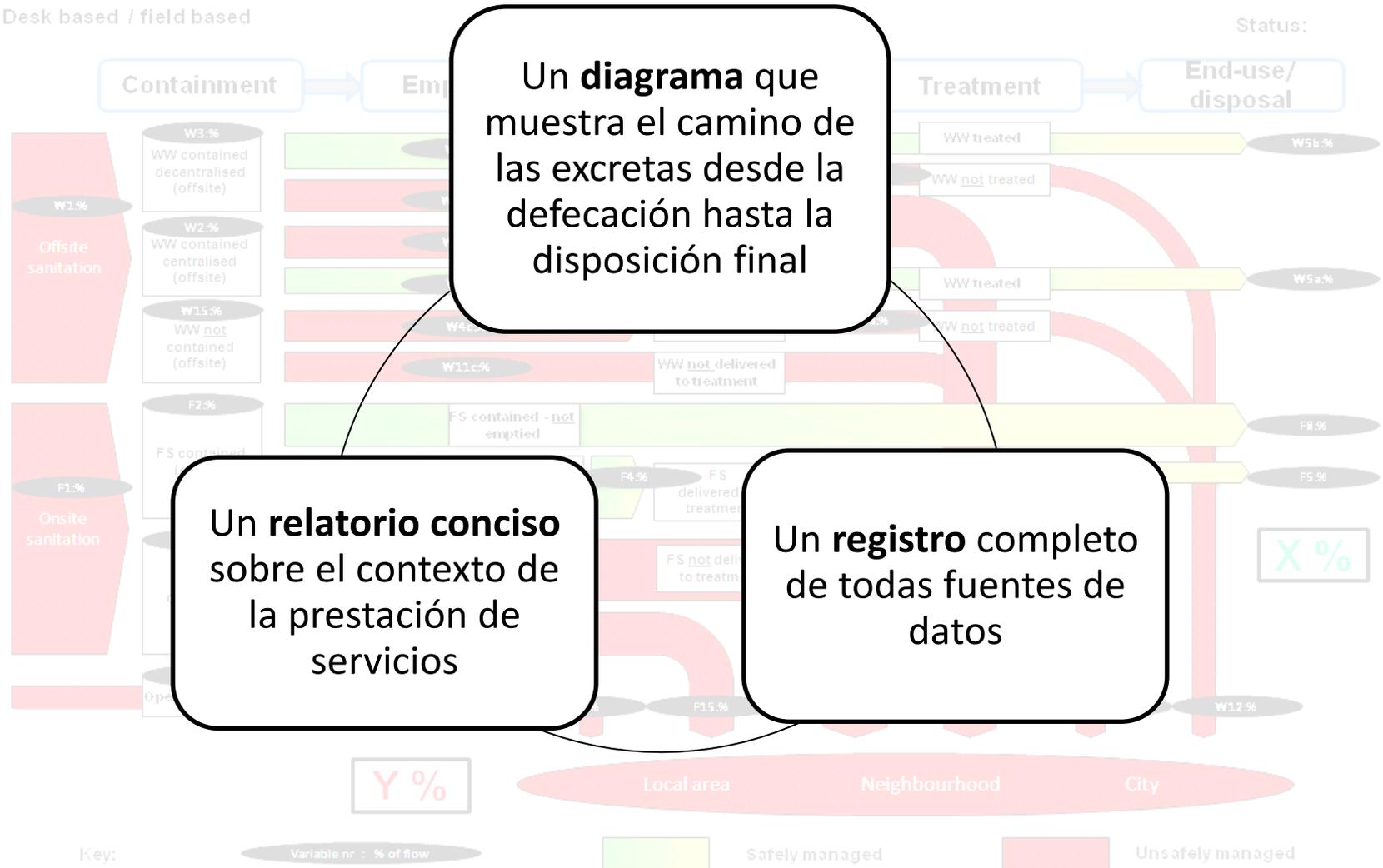




Status:

Que es un SFD?

City name and date of production
Desk based / field based



Un **diagrama** que muestra el camino de las excretas desde la defecación hasta la disposición final

Un **relatorio conciso** sobre el contexto de la prestación de servicios

Un **registro** completo de todas fuentes de datos

Análisis sobre o contexto de la prestación de servicios



- Política, legislación y regulación (p. ej. responsabilidades institucionales, normas)
- Planificación (p. ej. objetivos, inversiones)
- Equidad (p. ej. ámbito de tecnologías asequibles, apropiadas, seguras y adaptables para alcanzar las necesidades de la población urbana mas pobre)
- Resultados (p. ej. cantidad, capacidad y calidad)
- Expansión (demanda, desarrollo del sector)

Control y Verificación de Calidad



Summarize data by the reference numbers assigned to them in the reporting template						
CONTAINMENT:						
EMPTYING:						
TRANSPORT:						
TREATMENT:						
ENDUSE/DISPOSAL:						
	CONTAINMENT	EMPTYING	TRANSPORT	TREATMENT	ENDUSE/DISPOSAL	
Types of data sources used	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Municipal, utility or private local service provider records
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Interviews with city authorities and local government departments
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Documented studies
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Community representatives (interviews desk- and field-based, FGDs only field-based)
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Service providers (interviews desk- and field-based, FGDs only field-based)
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Observation (only field-based)
Further availability of data sources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	This is a one-off exercise no further data expected
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Limited amount of new data expected, SFD to be revised
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Substantial amount of new data expected, SFD to be revised
If updated SFD expected, enter date:						
How has current SFD been used (entire service chain)	<input type="radio"/>	SFD has <u>not</u> been shared with local stakeholders				
	<input type="radio"/>	SFD has been shared with local stakeholders but no follow up action agreed				
	<input type="radio"/>	SFD has been shared and follow up actions have been agreed				
	<input type="radio"/>	SFD has been shared and follow up actions have been agreed and initiated				



En resumen, un SFD



- **Es...**
 - Una herramienta efectiva de diagnóstico y comunicación
 - Una herramienta para ingenieros, planificadores y personas con poder decisorio
 - Basado en la poblaciones e en una indicación de para donde las excretas van
 - Una representación de un peligro de la salud pública
 - Una vista general con cual se pueden derivar prioridades de saneamiento
- **NO es...**
 - Basado en volumen/masa – ellos son determinados por otros factores relacionados
 - Una representación de riesgo de la salud pública (riesgo = peligro x comportamiento)
 - Una herramienta analítica científica

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SFD Portal Web



Browser address bar: sfd.susana.org/toolbox

Search bar: IFIs and governments

Navigation menu: About - Toolbox - Resources - News & Events - SFDs Worldwide



SFD toolbox

Here you can find out more about the SFD methods and tools. The guidance documents include: the Manual for SFD Production, the SFD calculation tool, the SFD master diagram and the SFD credibility process. These are all currently under development and meanwhile the draft versions are available.

SFD Toolbox



Methodology

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

The result is a methodology which helps to produce credible and comprehensible SFDs for cities around the world.

[read more](#)



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.

[SFD tools](#)



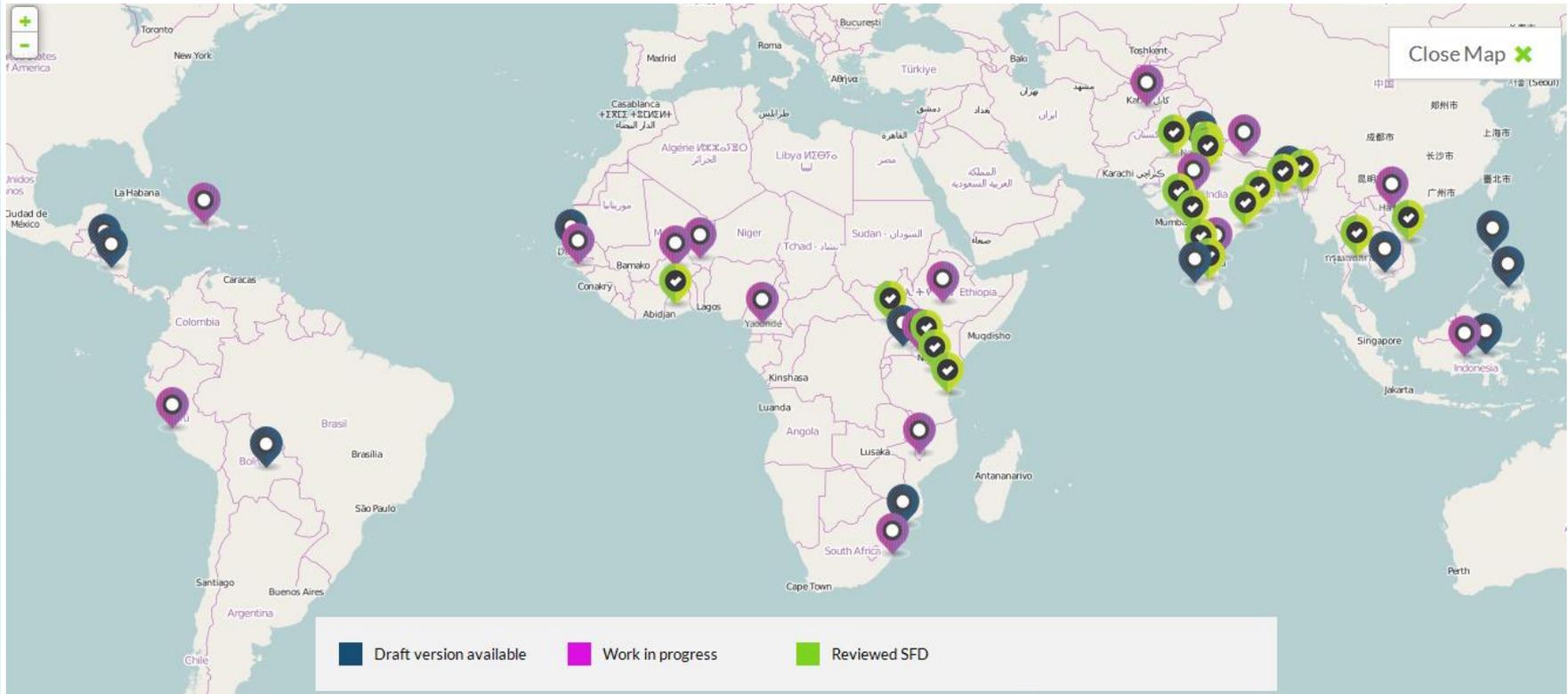
Credibility process

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

[get in contact](#)

sfd.susana.org/

SFDs alrededor del mundo



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Como hacer un SFD?



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)



SFD Promotion Initiative

Manual for SFD Production
Version 3.0
October 2013



Manual for SFD Production



SFD Calculation Tool



SFD Master Diagram

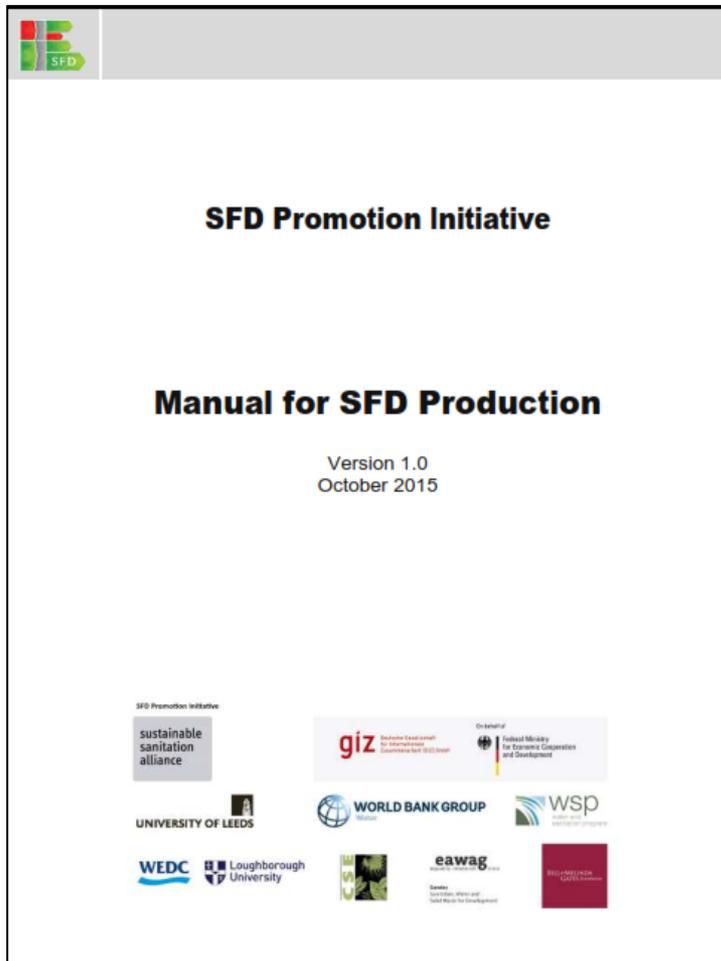


Stakeholder Tracking Tool

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Como hacer un SFD?



[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](#)

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Obrigada por su atención!

Dudas, preguntas, interese?

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On behalf of



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