




COLUMBIA UNIVERSITY
IN THE CITY OF NEW YORK

sustainable
sanitation
alliance

SuSanA North America Meeting

New York, 19 March 2023

Agenda – Session 1 (10:00 – 12:30 EDT)

Time (EDT)	Session	Presenter(s)
10:00 – 10:05	Introduction of the Agenda	Moderator: Prof. Diane Kellogg, emer. (BU)
10:05 – 10:15	Welcome and Opening	Prof. Dr. Kartik Chandran (CU)
10:15 – 10:30	Round of Introduction	All
10:30 – 10:45	Introduction to SuSanA	Dr. Arne Panesar (SuSanA Secretariat)
10:45 – 11:15	Coffee & Tea Break 	
11:15 – 11:35	SuSanA WASH4Health discussion paper 2.0	Daphne Manolakos (SuSanA Secretariat) & all
11:35 – 11:50	SuSanA MHH Resource Compilation - Edition 2023 & MHH priority indicators	Daphne Manolakos (SuSanA Secretariat) & Prof. Dr. Marni Sommer (CU)
11:50 – 12:30	COVID-Monitoring & Wastewater Based Epidemiology 1. Results from the US and the Philippines 2. Case Study New York City	Prof. Dr. Francis de los Reyes (NCS) & Prof. Dr. Kartik Chandran (CU)
12:30 – 14:00	Lunch Break	

Agenda – Session 2 (14:00 – 16:15 EDT)

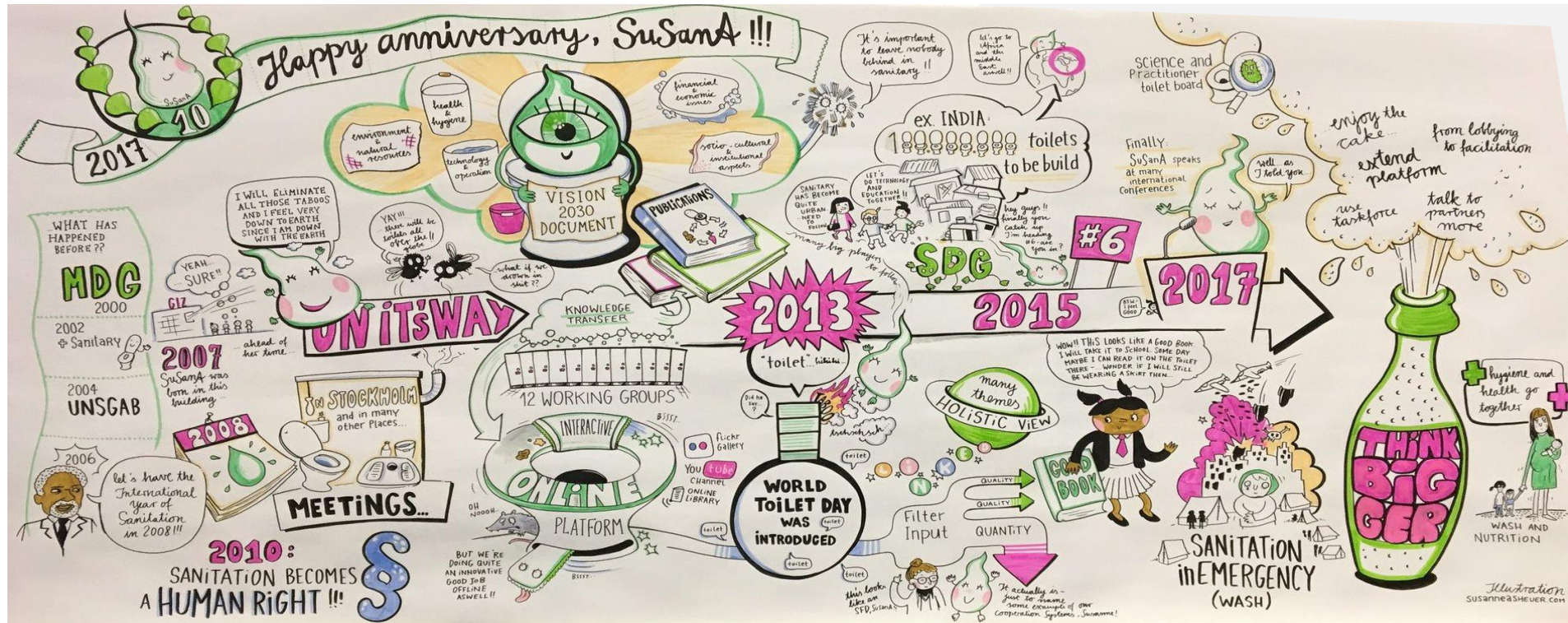
Time (EDT)	Session	Presenter(s)
14:00 – 14:05	Introduction of the Agenda	Moderator: Prof. Diane Kellogg, emer. (BU)
14:05 – 14:35	Sanitation @ the UN-Water Conference	SuSanA Secretariat & all
14:35 – 14:45	Productive Sanitation for food security in times of climate change	Carla Liera (SEI)
14:45 – 15:15	Coffee & Tea Break ☕	
15:15 – 15:25	Sanitation in Cities: A key to improve resilience	Katrin Bruebach (Global Dir. @ RCN)
15:25 – 15:35	An integrated approach to small towns in Uganda	Dr. Abishek Sankara Narayan (Eawag-Sandec)
15:35 – 15:45	Potential of the Urban Water-Flow Diagram to interlink sectors	Dr. Dorothe Spuhler (Eawag-Sandec)
15:45 – 15:55	Waterwise cities principles 2.0 - how to best include Sanitation?	Dr. Kala Vairavamoorthy (CEO, IWA)
15:55 – 16:05	Preview of the UN-Habitat Global Wastewater Report 2023	Dr. Graham Alabaster (UN-Habitat, Geneva Office)
16:05 – 16:15	Closing	Prof. Dr. Kartik Chandran & SuSanA Secretariat
From 17:00	Dinner at Le Monde	

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Introduction to SuSanA

SuSanA North America Meeting – 19 March 2023

Impact today...



- Sanitation embedded in the global development agenda
- Improved cooperation and Knowledge Management
- Change in the sanitation discourse considering:
 - *the whole service chain*
 - *the institutional framework*
 - *the potential in terms of reuse and circular economy*
- Interlinkages to other sectors e.g. climate, health, agriculture

What is SuSanA ?

SuSanA is a global community whose goal is to contribute to the achievement of the SDGs by promoting Sustainable Sanitation

SuSanA is a coordination and discussion platform

SuSanA is a sounding board

SuSanA contributes to the policy dialogue

SuSanA is a working platform

SuSanA promotes knowledge exchange and learning
















SuSanA members and partner organizations

More than 15,000
individual members &
400 partner organisations

SuSanA links on the ground experiences with an engaged community through:

- 13 SuSanA Working Groups
- 4 regional Chapters (India, WANA, Latin America and Africa)
- A dynamic Discussion Forum



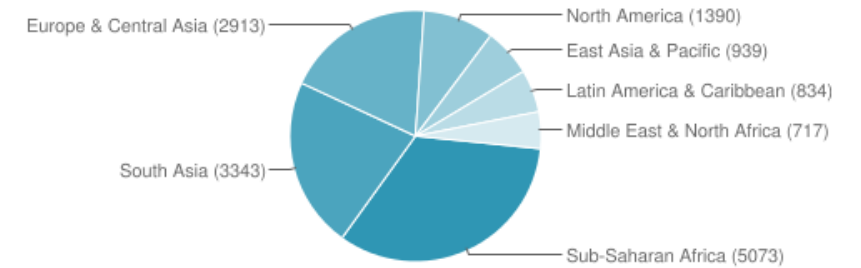
 <p>Working Group 1 Capacity development</p>	 <p>Working Group 2 Market development</p>
 <p>Working Group 3 Climate Mitigation and Adaptation</p>	 <p>Working Group 4 Sanitation systems and technology options</p>
 <p>Working Group 5 Food security and productive sanitation systems</p>	 <p>Working Group 6 Cities</p>
 <p>Working Group 7 Sustainable WASH in institutions and gender equality</p>	 <p>Working Group 8 Emergency and reconstruction situations</p>
 <p>Working Group 9 Public awareness, advocacy and civil society engagement</p>	 <p>Working Group 10 Operation, maintenance and sustainable services</p>
 <p>Working Group 11 Groundwater protection</p>	 <p>Working Group 12 WASH and nutrition</p>
 <p>Working Group 13 Behaviour change</p>	

SuSanA outreach in numbers

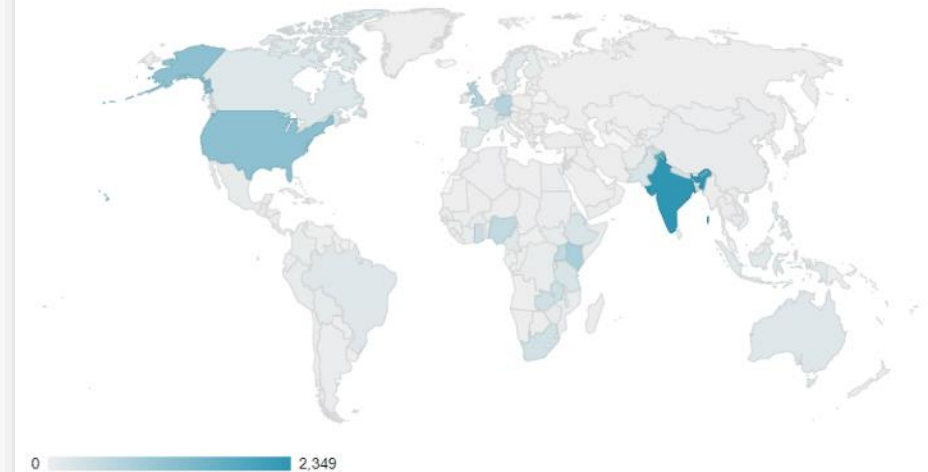
- More than **300,000 visitors** at susana.org per year
- Total Forum Users: **15,200+**
- Total Forum Posts: **28,000+**
- Total Subjects: **6,000+**
- New Forum Users: approx. **750 per year**

- Newsletter Subscriber: **6,500+**
- Social Media Outreach
 - Facebook: **1.3K friends + 12K followers**
 - Twitter: **6500+ followers**
 - LinkedIn: **500+ contacts + 1.2K followers**

Members by Region



Members by countries



15209 members from 186 countries [show number of members with forum posts]

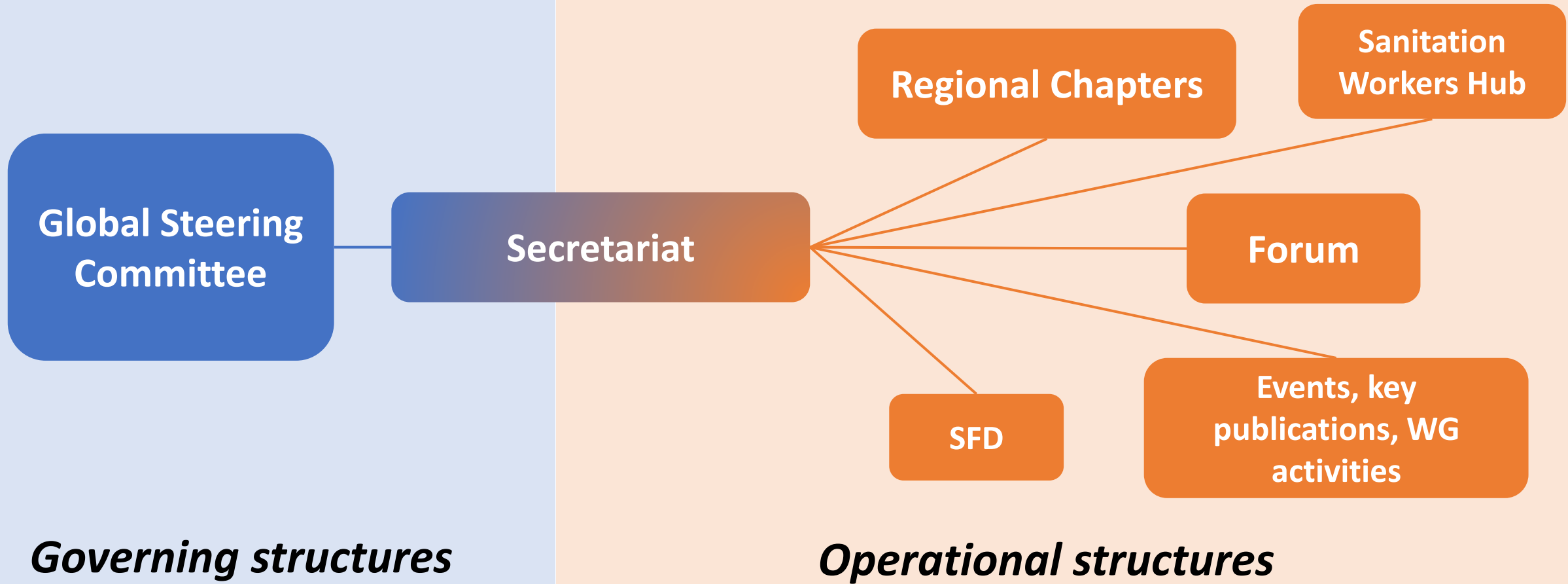
Key tools from the SuSanA platform

SuSanA features a range of tools for collaboration and knowledge sharing



How does SuSanA operate ?

SuSanA is based on the in-kind and financial contribution of its members and partners



The SuSanA GSC (Global Steering Committee)

New governance structure of SuSanA

In October 2022 the SuSanA members have elected their Global Steering Committee representing the 7 regions of SuSanA

- **Sub-Saharan Africa** - [Prof. Charles Niwagaba \(Uganda\)](#)
- **Europe & Central Asia** - [Dorothee Spuhler \(Switzerland\)](#)
- **Latin America & Caribbean** - [Carla Liera \(Mexico\)](#)
- **North America** - [Kartik Chandran \(USA\)](#)
- **South Asia** - [Rohini Pradeep \(India\)](#)
- **East Asia & Pacific** - [Gina Itchon \(Philippines\)](#)
- **Middle East & North Africa** - [Dr. Arwa Abdelhay \(Jordan\)](#)



The SuSanA Regional Chapter Coordinators and Forum coordinators



Hadeel Al Qatamin
(WANA Chapter Coordinator)



Lourdes Valenzuela
(Latin America Chapter Coordinator)



Nitya Jacob
(India Chapter Coordinator)



**Sareen Malik & Chaiwe
Mushauko-Sanderse**
(Africa Chapter Coordinators)



Chaiwe Mushauko-Sanderse
(Forum Moderator)



Paresh Chhajed-Picha
(Forum Moderator)



Elka Villarroel
(Forum Moderator)

The SuSanA Secretariat

- Hosted by GIZ since 2008 (with base funding from BMZ)
- GIZ contributes to the Network with the equivalent of 2 and a half full-time experts working for the Secretariat + 2 Forum moderators (3 days per month each)



Dr. Arne Panesar
Head of Secretariat



Alexandra Dubois
Secretariat



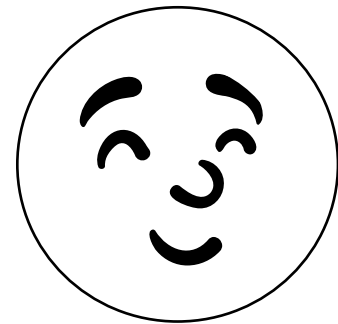
Maren Heuvels
Secretariat



Teresa Häberlein
Secretariat



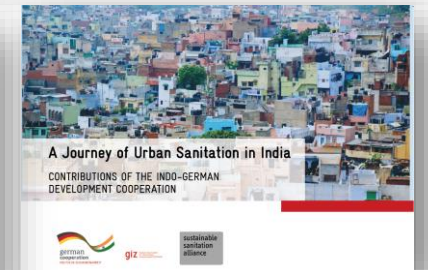
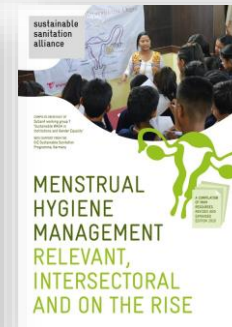
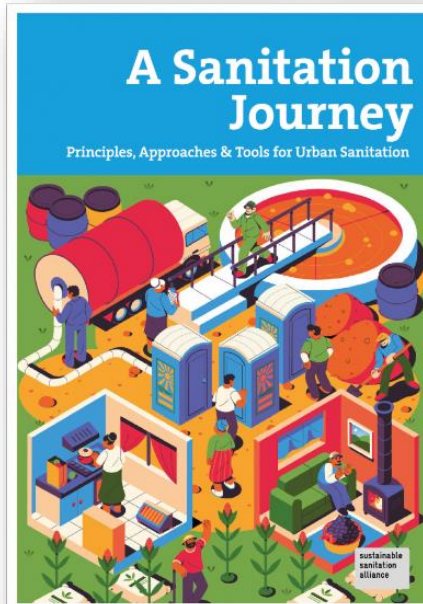
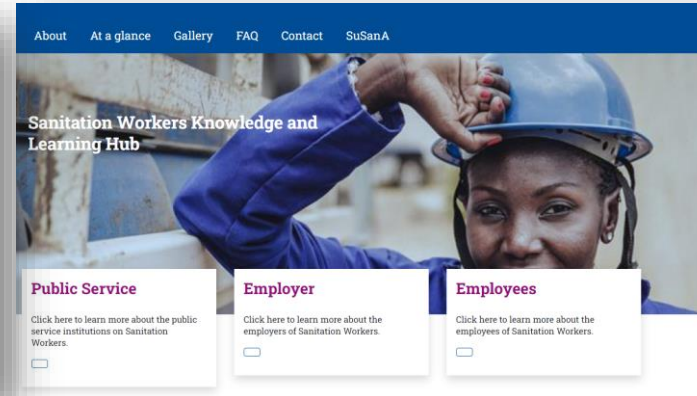
Daphne Manolakos
Secretariat



Intern
Secretariat

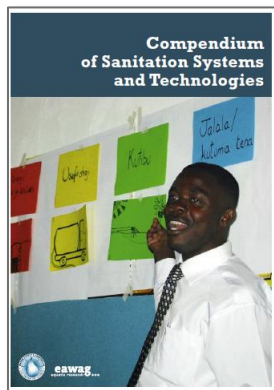
Examples of key products and outcomes

- Networking events
- Conference side events and sessions
- Strategic publications
- Discussion papers
- Multimedia products
- Innovative tools
- Thematic platforms



2008

Compendium of Sanitation Systems and Technologies



Elizabeth Tilley, Christoph Lüthi, Antoine Morel, Chris Zurbrügg and Roland Schertenleib.

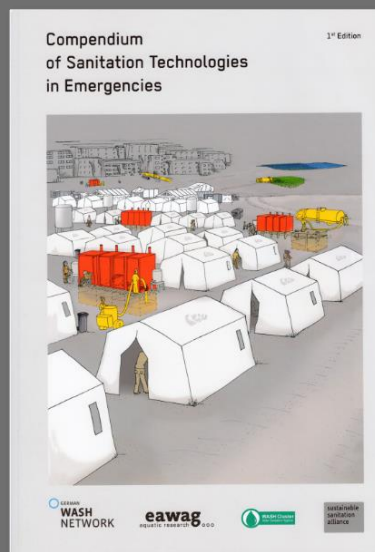
Our special thanks go to: the NETSSAF Consortium, the GTZ ecosan programme and the Sustainable Sanitation Alliance (SuSanA).

We would like to thank the following individuals for their contributions and comments:

Chris Buckley, Pierre-Henri Dodane, Barbara Evans, Doulaye Koné, Elisabeth Kvarnström, Duncan Mara, Peter Morgan, Arne Panesar, Eddy Perez, Elias Rosales, Arno Rosemarin, Sören Rud, Darren Saywell, Margaret Scott, Steven Sugden, Kevin Tayler, Kai Udert, Carolien van der Voorden, Yvonne Voegeli, Anita Wittmer.

2018

2020

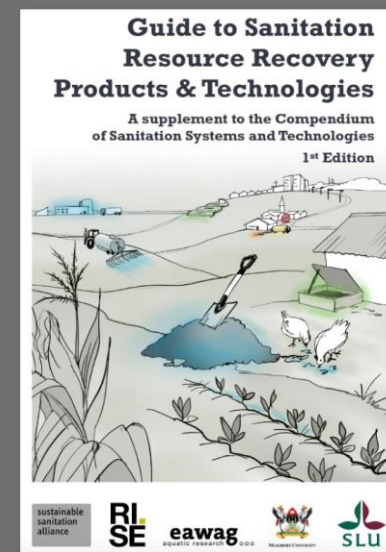


Compendium of Sanitation Technologies in Emergencies

1st Edition

WASH NETWORK eawag sustainable sanitation alliance

... Robert Gensch



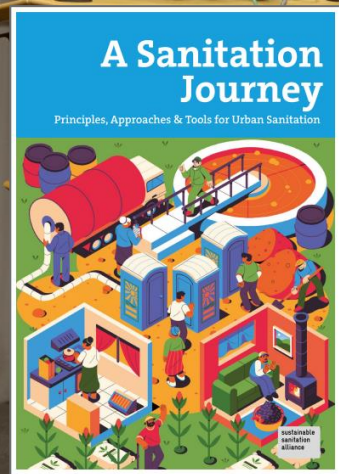
Guide to Sanitation Resource Recovery Products & Technologies

A supplement to the Compendium of Sanitation Systems and Technologies

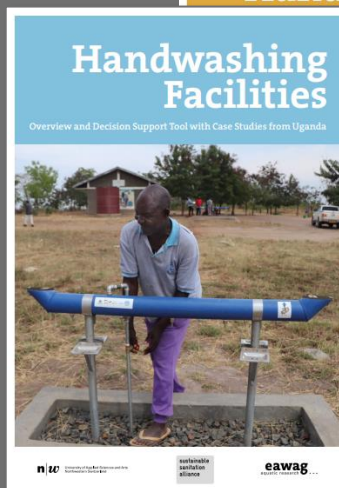
1st Edition

sustainable sanitation alliance RISE eawag

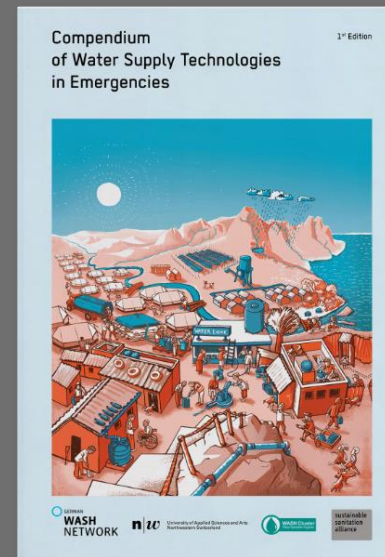
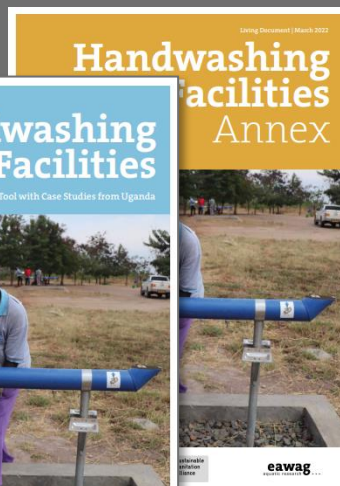
... Jennifer McConville



2021



2022



Compendium of Water Supply Technologies in Emergencies

1st Edition

WASH NETWORK nio sustainable sanitation alliance

2021



Compendium of Hygiene Promotion in Emergencies

1st Edition

WASH NETWORK +CIFRC sustainable sanitation alliance

2022

giz





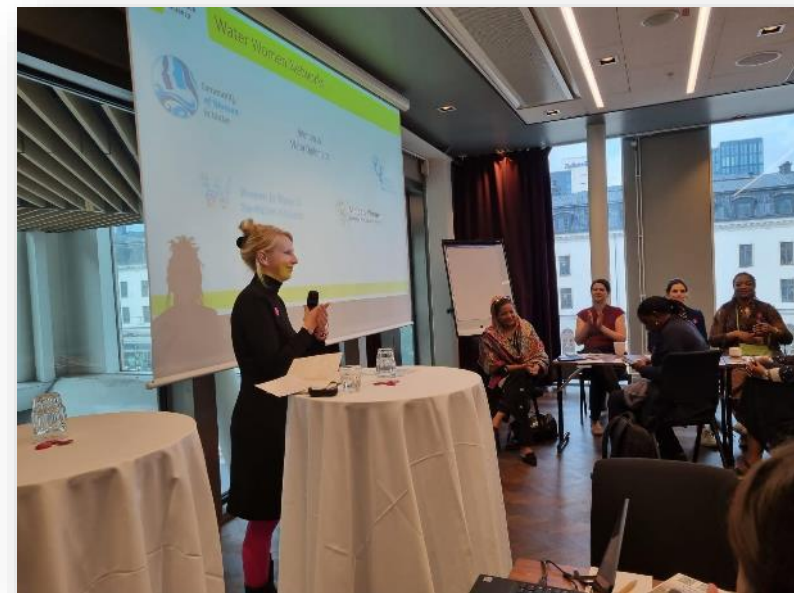
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SuSanA Updates

What's new in SuSanA?

SuSanA acting as coordinator of WASH Women Networks activities

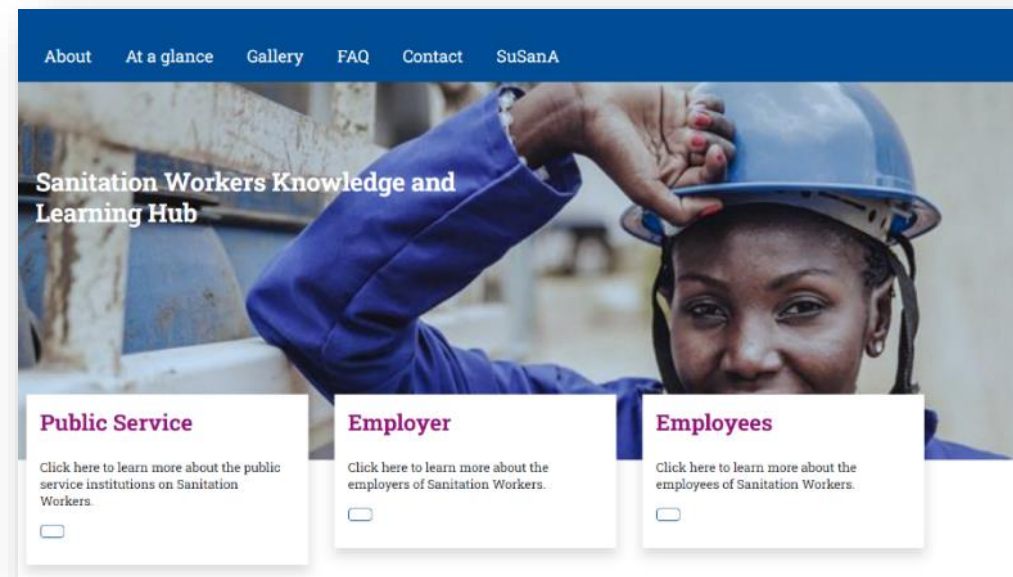
- 29 Aug 2022 Water Women Monday in Stockholm – Stronger Together informal mentoring session + evening mingle and networking
- 19 Jan 2023 Stronger Together! Informal Mentoring
- 7 Mar 2023 Water Women's Day - Stronger together: online networking event
- 23 Mar 2023 Stronger Together! 100 Women for SDG 6 - Network, Pledge & Mingle



New SuSanA Sister Platform

- A new platform dedicated to the topic of Sanitation Workers has been launched by SNV, World Bank and WaterAid in August 2022: « The Sanitation Workers Knowledge and Learning Hub »
- SuSanA has been mandated to develop the platform and is currently hosting it
- The Sanitation Workers Hub uses part of the SuSanA functionalities (Library database, Forum, membership system, etc.)

sanitationworkers.susana.org



What's new on the SuSanA SFD Portal?

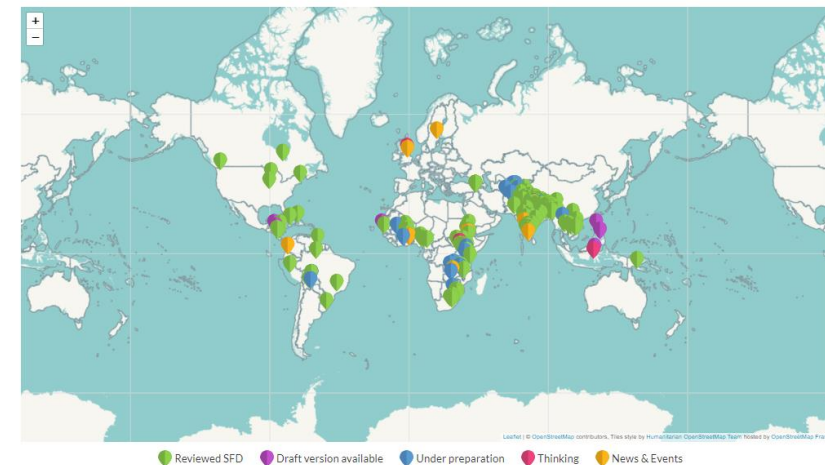
SFD Promotion Initiative

- Current status: nearly 250 cities have an SFD
- SFD report review service currently available
- SFD being presented by local authorities at conferences (Uganda Water Week, FSM7)
- Upcoming SFD Promotion Initiative Meeting on 27.04 in Delhi

Contributing to the anchoring of the tool in the sector



241 SFDs in 235 Cities Worldwide



Case study: Sanitation in Kampala (2019)

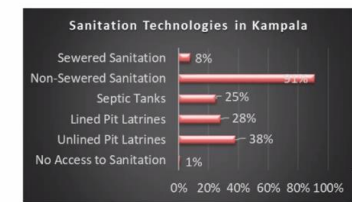
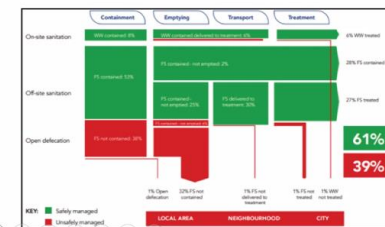
Over 90% of Population relies on non-sewered sanitation

Majority of the sanitation facilities do not meet standards

Insufficient Faecal Sludge transportation services

About 40% of population accessing unimproved / unsafely managed sanitation

Nascent regulatory regime for FSM



What's new on the SuSanA SFD Portal?

SFD Portal Updates

- Monthly technical meeting between University of Leeds and GIZ to update the SFD portal
- Pop-up images on the graphic generator
- Ongoing update of the SFD portal content
- Ongoing optimisation of the SFD upload process

Contributing to the sustainability of the SFD portal

The screenshot displays the SuSanA SFD Portal interface. A window titled 'System description and drawing' shows a cross-section of a 'System T1A3C7' which is a 'Fully lined tank (lined) connected to a water body'. Below this, a 'List A: Where does the toilet discharge to?' table is visible. The table lists various discharge types and their corresponding system codes. A large blue arrow points from the text 'Contributing to the sustainability of the SFD portal' towards the interface.

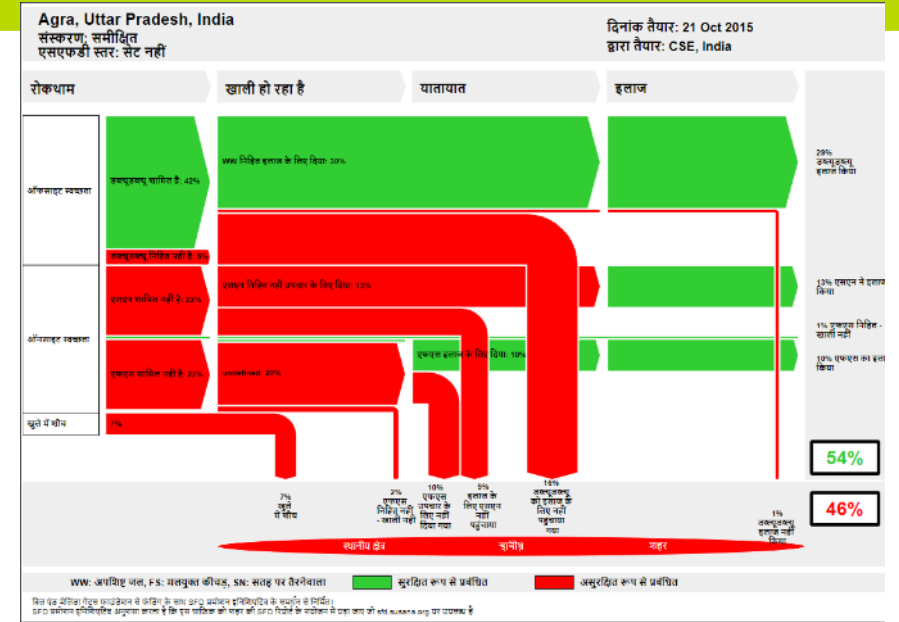
List A: Where does the toilet discharge to? (i.e. what type of containment technology, if any?)	to controlled combined sewer	to controlled foul/overflow sewer	to uncontrolled combined sewer	to uncontrolled foul/overflow sewer
No onsite container. Toilet discharge directly to destination given in List D	T1A3C7	T1A3C7		
Septic tank				
Fully lined tank (lined)				
Lined tank with impermeable walls and open bottom				
Lined pit with semi-permeable walls and open bottom				
Unlined pit				
Pit (all types), never emptied but abandoned when full and covered with soil				
Pit (all types), never emptied, abandoned when full but NOT adequately covered with soil				
Toilet failed, damaged, collapsed or flooded				T1B9 C1 TO C10
Containment (septic tank or tank or pit) failed, damaged, collapsed or flooded			T1B10 C1 TO C4	
No toilet. Open defecation	Not Applicable		T1B1 C1 TO C3	T1B1 C2 TO C4

What's new on the SuSanA SFD Portal?

SFD goes multilingual

- The SFD Manual was already available in French, Arabic, Spanish and Portuguese
- The content of the website can now be translated in more than 100 languages
- The SFD matrix, SFD graphic generator and the SFD graphs are now available in Spanish, French, Arabic, Hindi and Bengali
- The SFD Lite report template are soon available in the same languages
- Next step: translate the training video and material

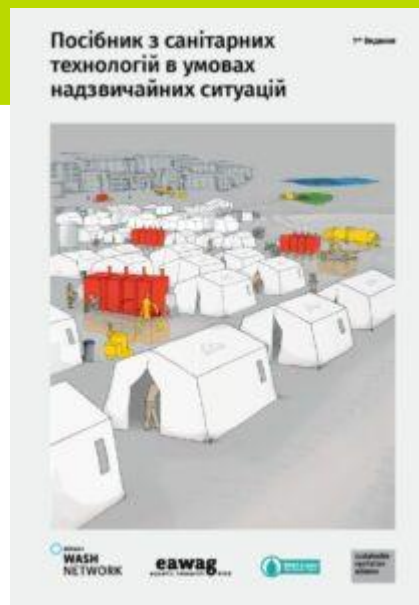
Contributing to the global dissemination of the tool



सूची A: परिवार का निर्देशन कहा होता है? (यानी किस प्रकार की सेवाएँ उपलब्ध हैं?)	सूची B: रोकथाम तकनीक किससे जुड़ी है? (यानी आउटलेट या ओवरफ्लो डिस्चार्ज कहा होता है, अगर कुछ है?)									
	केरीकृत सफुल और के रिप	केरीकृत जलवायु-अनुकूल और के रिप	विकेरीकृत सफुल और के रिप	विकेरीकृत जलवायु-अनुकूल और के रिप	कोलेने के रिप	नारी या सफुल और ओवरफ्लो के रिप	पानी के बरत के रिप	धुने पैदाय में	पत्र नदी कमी के रिप	सोई-आउटलेट या खसिबकन नहीं
कोई जलवायु-अनुकूल तकनीक नहीं। कोयलाख कोले नहीं के रिप या जलवायु-अनुकूल तकनीक										नहीं
कोयलाख										
पूरी तरह से अने केक (कोयलाख)										
कोयलाख और धुने जल के साथ कोयलाख केक										
अने-पारदर्शक टैंगरों और धुने जल के साथ कोयलाख केक										
अनपारदर्शक रिप										
पत्र (कोले प्रकल्प), कोले खाली नहीं के रिप जल के कोले रिप में कोले होने पर कोले रिप कोले है										
पत्र (कोले प्रकल्प), कोले खाली नहीं के रिप जल के, धुने कोले या कोले रिप जल के कोले रिप में कोले रिप कोले से कोले नहीं कोले है										

What's new in SuSanA?

- Gamification in Stockholm, Viva con Agua tik-tok challenge, Influencer campaign around MHH
- SuSanA WASH4Health Discussion paper 2.0 and the 4th edition of the SuSanA MHH resource compilation
- SuSanA is part of the call for action for sanitation and climate change
- Compendium in emergencies now in Ukrainian
- Sanitation Networks circle (through e.g. joint news box on websites)
- Grant from IDB to SKAT for south south exchange
- Potential support for the Africa Chapter for work related to putting the ASPG into practice and on Woman networks
- ...



What's new in SuSanA?

- SuSanA partner explores the potential of arts, music and dance and tiktok to put WASH into the center in Africa



SuSanA booth's new format

Stockholm World Water Week 2022

- More flashy, innovative and interactive: *VR station, floating library, innovation corner, digital display*
- Product showcase and demo session from the partners: *board games, Pupu pump, WASHaLOT, etc.*
- Networking corner and meeting point: *seats and tables*



SuSanA (@) Events 2023

- 24 - 28 April 2023 **SuSanA-India Chapter strategie meeting & SFD strategy meeting** in Dehli, India
- 21 May 2023 **33rd SuSanA Meeting** (hybrid: Bonn, Germany + online)
- 22 – 25 May 2023 SuSanA @ 5th Global **WOPs Congress** and General Assembly (Bonn, Germany)?
- 17-20 July SuSanA @ the **Women deliver?**
- 20 -24 August SuSanA F2F & -booth @ **World Water Week** (Stockholm, Sweden)

Sanitation @ the UN 2023 Water Conference

- 20 March (10-11.30) **Field trip on Covid Monitoring**, Columbia University
- 21 March (8-9:30) **Resilient and inclusive sanitation in combatting climate change events and extremities** (virtual), IWA
- 21 March (16:30 – 17:45) **Striving for a Circular Economy in a Climate-resilient World: The Critical Role of Wastewater**
- 21 March (16:30 - 18:30) **Know your water: action-oriented partnerships at the interface between science, politics, and practice to empower municipalities to build to reduce inequity and increase resilience in urban water management**, SDC and EAWAG
- 21 March (18:45 – 21:00) **Swiss Apéro “Connecting the Drops”**
- 22 March (9:30 – 10:45) **Empowering Communities Through Access To Clean Water And Sanitation: Solutions For Health, Gender Equality, And Climate Resilience**, Amref Health Africa & Netherlands
- 22 March (11:00 – 12:30) **Cross-sectoral partnerships to accelerate progress towards inclusive sanitation**, IWA

Sanitation @ the UN 2023 Water Conference

- 23 March (15:30-16:45) **Achieving SDG 6 through (1) a gender lens on climate change & youth and (2) global goals for menstrual health & hygiene**
- 23 March (17–18:15) **The Future of Water starts now - From Regional Commitment to a Global Workforce Initiative**
- 23 March (18.30-20:30) **Stronger Together! 100 Women for SDG 6 - Network, Pledge & Mingle**
- 23 March (19:30) **#Waterisahumanright celebration and exhibition**
- 24 March (9:30-10:45) **Pollution, Sanitation, Water Quality and Climate Resilience, a Call to Action, Ministry of Water Development and Sanitation, Zambia**
- 24 March (13-15:00) **Water Action and Human Rights – Implementing the Human Rights to Water and Sanitation at the Local Level, WASH United, German WASH Network,...**





Thank you!

