

# sustainable sanitation alliance

## SuSanA Joint Roadmap 2015 to 2018 – Towards More Sustainable Sanitation Systems

Version 1.3 (June 2017)

### Background

The Sustainable Sanitation Alliance (SuSanA) *joint roadmap 2015 to 2018* was drafted to organise the platform to respond more effectively to the challenges of the Millennium Development Goals (MDG) and the Post-2015 Development Agenda.

The SuSanA strategy process was initiated following a plenary meeting at the Stockholm World Water Week 2012. On initiative of the secretariat, a core group and key stakeholder meeting was convened in April 2013. The platform's historical development, status quo, mode of operations, changing frame conditions were analysed and its potential assessed. Based on these results, elements for a draft joint roadmap were elaborated on by a core group think tank in June 2013. At the SuSanA meeting in September 2014, strategic refinements were decided and a timeline for operationalization was drafted.

This roadmap is considered a working document.

### SuSanA Vision

The SuSanA vision document, "Towards More Sustainable Sanitation Solutions" (v1.2/2008), is the common basis that all members of the alliance agree on and work towards in their respective activities towards achieving sustainable sanitation solutions. The definition of sustainable sanitation along the five SuSanA sustainability criteria together with the "*Bellagio Principles for Sustainable Sanitation*" are still valid.

The SuSanA is an established international alliance unifying a wide range of members working along the same lines. SuSanA is open to others, who want to join and be active in understanding and promoting sustainable sanitation systems. SuSanA invites all stakeholders of the sanitation sector to join the alliance to exchange and to contribute ideas, and to become active members.

#### **The Five SuSanA Sustainability Criteria**

The main objective of a sanitation system is to protect and promote human health by providing a clean environment and breaking the cycle of disease. In order to be sustainable a sanitation system has to (1) promote health and hygiene effectively, (2) be financially and economically viable, (3) socially acceptable and

institutionally appropriate, (4) technically appropriate including operation and maintenance (O&M), and (5) protect the environment and natural resources. See box 1 for full definitions.

### Five SuSanA Sustainability Criteria

(1) **Health and Hygiene:** includes the risk of exposure to pathogens and hazardous substances that could affect public health at all points of the sanitation system from the toilet via the collection and treatment system to the point of reuse or disposal and downstream populations. This topic also covers aspects such as hygiene, nutrition and improvement of livelihood achieved by the application of a certain sanitation system, as well as downstream effects.

(2) **Environment and Natural Resources:** involves the required energy, water and other natural resources for construction, operation and maintenance of the system, as well as the potential emissions to the environment resulting from use. It also includes the degree of recycling and reuse practiced and the effects of these (e.g. reusing wastewater; returning nutrients and organic material to agriculture), and the protecting of other non-renewable resources, for example through the production of renewable energies (e.g. biogas).

(3) **Technology and Operation:** incorporates the functionality and the ease with which the entire system including the collection, transport, treatment and reuse and/or final disposal can be constructed, operated and monitored by the local community and/or the technical teams of the local utilities. Furthermore, the robustness of the system, its vulnerability towards power cuts, water shortages, floods, etc. and the flexibility and adaptability of its technical elements to the existing infrastructure and to demographic and socio-economic developments are important aspects to be evaluated.

(4) **Financial and Economic Issues:** relate to the capacity of households and communities to pay for sanitation, including the construction, operation, maintenance and necessary reinvestments in the system. Besides the evaluation of these direct costs also direct benefits e.g. from recycled products (soil conditioner, fertiliser, energy and reclaimed water) and external costs and benefits have to be taken into account. Such external costs are e.g. environmental pollution and health hazards, while benefits include increased agricultural productivity and subsistence economy, employment creation, improved health and reduced environmental risks.

(5) **Socio-Cultural and Institutional Aspects:** the criteria in this category evaluate the socio-cultural acceptance and appropriateness of the system, convenience, system perceptions, gender issues and impacts on human dignity, the contribution to food security, compliance with the legal framework and stable and efficient institutional settings.<sup>1</sup>

<sup>1</sup> Based on Kvarnström et al. (2004): Sustainability Criteria in Sanitation Planning. 30th WEDC Conference Vientiane Lao PDR, 2004. URL: <http://wedc.lboro.ac.uk/resources/conference/30/Kvarnstrom.pdf>

## Mission

The SuSanA mission statement has been developed on the open SuSanA discussion forum, since late 2012, and reads:

*“SuSanA is an open international alliance with members who are dedicated to understanding viable and sustainable sanitation solutions. It links on the ground experiences with an engaged community made up of practitioners, policy makers, researchers, and academics from different levels with the aim of promoting innovation and best practices in policy, programming and implementation.”*

## Goal and Objectives of the Alliance

The **overall goal** of the SuSanA is to contribute to the achievement of current and future international development goals (MDGs, SDGs post-2015) by promoting a systems approach to sanitation provision taking all aspects of sustainability into consideration.

This goal is pursued through the following key engagement areas:

- Awareness creation on sustainable sanitation
- Momentum generation for sustainable sanitation at the highest political levels (information for decision makers) to promote sufficient resource allocation
- Knowledge provision for planning, designing, implementation and monitoring of sustainable sanitation systems (innovation and best practices)
- Discussion facilitation of new thematic trends
- Vision development for global, regional and national sustainable sanitation approaches with outreach to and in synergy with other sectors (e.g. Water, Energy, Agriculture - Nexus)
- Identification, communication and promotion of up-scaling examples for sustainable sanitation solutions (e.g. financing instruments, mechanisms and bankable projects)

## How shall SuSanA address these key engagement areas?

SuSanA shall realise its objectives to promote the SuSanA Vision by pursuing the following roles (as revisited in June 2013):

- **Coordination and Discussion Platform** – to connect and bring together actors from the sanitation sector to communicate and debate in an impartial environment on issues related to sanitation.
- **Sounding Board** – to offer a platform for members to receive input and review of their publications from the SuSanA community.
- **Policy Dialogue Facilitator** – to support members involved in policy dialogue at national and international levels through inputs generated from working groups.
- **Working Platform** –
  - 1.) to create an enabling working environment for members to contribute to SuSanA through **tasks forces and working groups**.

- 2.) to promote **knowledge exchange and learning** amongst members, with knowledge resources linked to the SuSanA platform (SuSanA library, conference materials, capacity building tools, drawings etc.) and while producing case studies on projects around the world.

## Strategic Topics and Opportunity Areas – what we are working on

The following overarching **strategic topics** were identified as relevant topics of engagement along which SuSanA should orient its activities until the end of 2018:

- a. **SDG/Post-2015 Development Agenda** – SuSanA contributes to the harmonisation of monitoring (with regard to sanitation) of the new development goals and actively contributes to their translation into sustainable action on the ground. (<http://sustainabledevelopment.un.org/index.php?menu=1300>)
- b. **Contribute to Large-Scale Sanitation Roll-Outs** – SuSanA facilitates the development and discussion of advocacy, decision making, planning and monitoring tools (e.g. “SFDs”, city wide planning approaches) for up-scaling of sustainable sanitation and creating an enabling environment
- c. **Discussion of Selected Strategic Topics** – by utilising its new and existing online and offline infrastructure, SuSanA facilitates discussion on e.g. the following issues:
  - **Sanitation and Nutrition** – SuSanA will contribute to more awareness and knowledge on the link between these issues
  - **Sanitation in Emergencies** – SuSanA will foster exchange and promote better collaboration between humanitarian and development actors
  - **Functional Sanitation Ladder** – SuSanA will revisit the development of the sanitation ladder as an important tool to measure progress on the sanitation target set by the MDGs. (<http://www.iwaponline.com/washdev/001/0003/0010003.pdf>)
  - **Nexus** (Water, Energy, Food Security) – SuSanA will explore and promote the opportunities of the nexus approach ([http://www.water-energy-food.org/documents/understanding\\_the\\_nexus.pdf](http://www.water-energy-food.org/documents/understanding_the_nexus.pdf))

Furthermore, the following **opportunity areas** were identified, where the impartial strength of the SuSanA can be used to generate collated information for the sanitation sector from a multitude of stakeholder inputs, via collaboration and investments of members:

- **Knowledge Management:** through overviews of all research, capacity development initiatives and member activities, as well as promotion and offering of free access to sanitation sector information on current innovations, tools and progress
- **Discussion / Collaboration:** either through the existing SuSanA infrastructure, such as the working groups (WG), or by setting up online and offline discussion groups for members, where collaboration

can take place – also available to be used by future member funded initiatives.

- **Sustainable Sanitation Events:** the platform can be used to house online requirements of a sanitation conference with registration forms, pre- and post-conference pages and the knowledge

management of conference materials.

- **Regional Chapters:** by adapting existing infrastructure, SuSanA enables the establishment of regional working platforms, more efficiently making knowledge (adapted to regional contexts and stakeholders) available to local practitioners

## Roadmap Operationalization

When								What	Details
2015		2016		2017		2018			
1	2	1	2	1	2	1	2		
<b>SuSanA Strategic Processes and Milestones</b>									
								<b>SuSanA Initiatives</b> <ul style="list-style-type: none"> <li>• Post2015 Development Agenda and Monitoring</li> <li>• Nexus</li> <li>• Functional Sanitation Ladder</li> </ul>	
								<ul style="list-style-type: none"> <li>• "Shit Flow Diagrams"</li> </ul>	2 <sup>nd</sup> phase has started in November 2015
								<b>Thematic Discussion Series</b> <ul style="list-style-type: none"> <li>• Sanitation Ladder (Pilot) (completed)</li> <li>• Urban Sanitation Finance (completed)</li> <li>• SDGs (completed)</li> <li>• Behaviour Change (completed)</li> <li>• WASH and Nutrition (completed)</li> <li>• Private Sector Engagement (completed)</li> <li>• Community Leaders (completed)</li> <li>• Urban Sanitation (completed)</li> <li>• WASH in Schools (completed)</li> <li>• BabyWASH (completed)</li> <li>• WASH &amp; Nutrition (completed)</li> <li>• Scaling Up Sanitation</li> <li>• Human Rights</li> <li>• Menstrual Hygiene Management (completed)</li> <li>• Linking WASH Relief and Development</li> <li>• Post-Implementation Monitoring</li> </ul>	
								<b>SuSanA Webinar Series</b> <ul style="list-style-type: none"> <li>• Monthly Webinars on various topics</li> </ul>	
								<b>Regional Chapters</b> <ul style="list-style-type: none"> <li>• India</li> <li>• MENA</li> </ul>	
								<b>Making SuSanA Working Groups fit for Social Media and other Communication Channels</b>	
								<b>Getting SuSanA ready for the Agenda 2030</b> <ul style="list-style-type: none"> <li>• SuSanA Vision Document 2017</li> <li>• Interlinkages Document</li> <li>• Roll-out</li> </ul>	
								<b>SuSanA Marketing Study, Communication Strategy and KPIs</b> Developed by the BMGF Grant Consortium	
<b>Events and Conferences – 2015</b>									
								<b>FSM3: 3<sup>rd</sup> International Faecal Sludge Management Conference</b>	18-22 Jan 2015 Hanoi/Vietnam <a href="http://www.fsm3.org">www.fsm3.org</a>
								<b>World Water Day</b>	22 Mar 2015 worldwide

																				<b>7<sup>th</sup> World Water Forum</b>	12-17 Apr 2015 Daegu/Rep. of Korea <a href="http://eng.worldwaterforum7.org/main/">http://eng.worldwaterforum7.org/main/</a>	
																					<b>AfricaSan 4</b>	May 2015 Senegal <a href="http://www.africasan.com">www.africasan.com</a>
																					<b>▶ 19<sup>th</sup> SuSanA Meeting</b>	As part of AfricaSan 4 <a href="http://www.susana.org">www.susana.org</a>
																					<b>IWA Nutrient Removal and Recovery Conference</b>	18-21 May 2015 Gdansk/Poland <a href="http://www.nrr2015.org">www.nrr2015.org</a>
																					<b>Menstrual Hygiene Day</b>	28 May 2015 worldwide <a href="http://www.menstrualhygieneday.org">www.menstrualhygieneday.org</a>
																					<b>38<sup>th</sup> WEDC Conference</b>	27-31 Jul 2015 Loughborough/UK <a href="http://www.wedcconference.co.uk">www.wedcconference.co.uk</a>
																					<b>DT2015: Dry Toilet Conference</b>	19-22 Aug 2015 Tampere/Finland <a href="http://www.huussi.net/en/activities/dt-2015/">http://www.huussi.net/en/activities/dt-2015/</a>
																					<b>Stockholm World Water Week 2015</b> Thematic Focus: Water for Development	23-28 Aug 2015 Stockholm/Sweden <a href="http://www.worldwaterweek.org">www.worldwaterweek.org</a>
																					<b>▶ 20<sup>th</sup> SuSanA Meeting</b>	Aug 2015 Stockholm/Sweden <a href="http://www.susana.org">www.susana.org</a>
																					<b>Global Handwashing Day</b>	15 Oct 2015 worldwide
																					<b>2015 Water and Health Conference at UNC</b>	26 – 30 October, Chapel Hill <a href="http://waterinstitute.unc.edu/waterandhealth/">http://waterinstitute.unc.edu/waterandhealth/</a>
																					<b>3<sup>rd</sup> Amsterdam International Water Week</b>	2-6 Nov 2015 Amsterdam/Netherlands <a href="http://www.internationalwaterweek.com">www.internationalwaterweek.com</a>
																					<b>WASH and Nutrition Conference</b>	19 Nov 2015 Bonn/Germany <a href="http://www.washnet.de">www.washnet.de</a>
																					<b>World Toilet Day 2015</b> Theme: Sanitation and Nutrition	19 Nov 2015 worldwide
																					<b>UNSGAB Closing Event</b>	Dec 2015, New York

#### Events and Conferences – 2016

																						<b>SACO-SAN VI</b>	11-13 January, Dhaka, Bangladesh	
																							<b>IV LatinoSAN</b>	9 -11 Mar 2016, Peru
																							<b>World Water Day</b>	22 Mar 2016 worldwide
																							<b>Sanitation and Water for All (SWA) High Level Meeting</b>	Apr 2016 Washington/USA
																							<b>Menstrual Hygiene Day</b>	28 May 2016 worldwide
																							<b>▶ Kampala WASH Symposium /21<sup>st</sup> SuSanA Meeting</b>	20-23 June Kampala, Uganda
																							<b>39<sup>th</sup> International WEDC Conference</b>	11-15 July, Ghana
																							<b>▶ 22<sup>nd</sup> SuSanA Meeting</b>	27 Aug 2016 Stockholm/Sweden
																							<b>Stockholm World Water Week</b>	28 Aug – 1 Sep 2016 Stockholm/Sweden
																							<b>Global Handwashing Day</b>	15 Oct 2016 worldwide
																							<b>Water and Health Conference at UNC</b>	10 – 14 Oct 2016 Chapel Hill, USA
																							<b>UN Habitat III</b>	17 – 20 Oct, Quito/ Ecuador
																							<b>World Toilet Day</b>	19 Nov 2016 worldwide

#### Events and Conferences – 2017

																							<b>10<sup>th</sup> SuSanA Anniversary</b>	16 – 17 Jan, Eschborn, Germany
																							<b>▶ FSM 4: 4<sup>th</sup> International Faecal Sludge Management Conference</b>	19 – 22 Feb 2017, Chennai, India
																							<b>▶ 23<sup>rd</sup> SuSanA Meeting</b>	17 & 18 Feb 2017, Chennai, India
																							<b>World Water Day</b>	22 Mar 2017 worldwide
																							<b>Menstrual Hygiene Day</b>	28 May 2017 worldwide
																							<b>40<sup>th</sup> International WEDC Conference</b>	24 – 28 July 2017, Loughborough / UK
																							<b>Stockholm World Water Week</b>	27 Aug -1 Sep 2017 Stockholm/Sweden
																							<b>▶ 24<sup>rd</sup> SuSanA Meeting</b>	26 Aug 2017 Stockholm/Sweden

										<b>Global Handwashing Day</b>	15 Oct 2017 worldwide
										<b>UNC</b>	16 – 20 Oct 2017, Chapel Hills
										<b>COP 23</b>	6 –17 Nov 2017, Bonn/ Germany
										<b>World Toilet Day</b>	19 Nov 2017 worldwide

#### Events and Conferences – 2018

										<b>▶25<sup>th</sup> SuSanA Meeting</b>	
										<b>World Water Day</b>	22 Mar 2018 worldwide
										<b>8<sup>th</sup> World Water Forum</b>	Apr 2018 Brasilia /Brazil
										<b>Menstrual Hygiene Day</b>	28 May 2018 worldwide
										<b>Stockholm World Water Week</b>	Aug 2018 Stockholm/Sweden
										<b>▶ 26<sup>th</sup> SuSanA Meeting</b>	Aug 2018 Stockholm/Sweden
										<b>Global Handwashing Day</b>	15 Oct 2018 worldwide
										<b>World Toilet Day</b>	19 Nov 2018 worldwide
										<b>Preparation for AfricaSan and other events in 2019</b>	

#### Important Events and Conferences – 2019

<b>FSM 5</b>	Feb 2019
<b>LatinoSan</b>	
<b>AfricaSan</b>	

## How does one contribute to SuSanA?

	Who is it?	What are their roles?	How should they do it?
<b>SuSanA members</b>	Individuals	<ul style="list-style-type: none"> <li>▪ Contribute to knowledge development</li> <li>▪ Provide input to the core topics</li> <li>▪ Use the online platform for their work</li> </ul>	<ul style="list-style-type: none"> <li>▪ Express and share their opinions on current SuSanA issues</li> <li>▪ Active participation in discussion forum, WGs and SuSanA general meetings</li> </ul>
<b>SuSanA partners</b>	Organisations, academia, research institutes, NGOs, governmental networks and private sector	<ul style="list-style-type: none"> <li>▪ Contribute to the sustainability of the Alliance by supporting various activities / meetings</li> <li>▪ Give SuSanA credibility and access to policy dialogues</li> <li>▪ Use the online platform for their activities</li> </ul>	<ul style="list-style-type: none"> <li>▪ Contribute financially (when possible) to the functioning of the Alliance and organising SuSanA events</li> <li>▪ Contribute resources (time) for knowledge development and dissemination</li> </ul>
<b>Core group (Strategic body)</b>	WG leads, prominent sanitation professionals	<ul style="list-style-type: none"> <li>▪ Strategic think-tank responsible for giving orientation to the Alliance</li> </ul>	<ul style="list-style-type: none"> <li>▪ Guide the secretariat</li> <li>▪ Decision makers outside of SuSanA general meetings</li> </ul>
<b>Secretariat (Executive body)</b>	Secretariat team comprising of GIZ professionals	<ul style="list-style-type: none"> <li>▪ Steer day to day operations of the alliance</li> <li>▪ Maintenance of SuSanA's communication platforms: Website, forum, social media</li> <li>▪ Seek out opportunities of cooperation, collaboration, coordination and communication</li> <li>▪ Self-initiative along strategic direction directed by decisions in SuSanA plenaries</li> </ul>	<ul style="list-style-type: none"> <li>▪ Support day to day operational activities</li> <li>▪ Communication through newsmails, forum, social media, meetings</li> <li>▪ Coordination of events</li> <li>▪ Implement decisions taken by SuSanA plenaries and core group</li> <li>▪ Knowledge management on SuSanA website</li> </ul>
<b>Task force</b>	Members with capacity to drive and contribute to specific tasks	<ul style="list-style-type: none"> <li>▪ Address overarching topics</li> <li>▪ Derive input from WGs</li> <li>▪ Facilitate discussion and contribute to international dialogue</li> </ul>	<ul style="list-style-type: none"> <li>▪ Coordinate with WG leads for inputs</li> <li>▪ Represent SuSanA in thematic discussions</li> </ul>
<b>Working Groups (WG)</b>	WG Members and WG lead(s)	<ul style="list-style-type: none"> <li>▪ Enable members to form teams to cooperate, collaborate, coordinate and communicate</li> <li>▪ Work cumulatively on a common initiative in a thematic area</li> <li>▪ Provide input to the task forces</li> </ul>	<ul style="list-style-type: none"> <li>▪ Active participation on forum, meetings and events</li> <li>▪ Use working group infrastructure for new initiatives</li> </ul>
<b>Regional Chapter</b>	SuSanA Partner organisation – giving input to the secretariat and SuSanA-website	<ul style="list-style-type: none"> <li>▪ Anchor SuSanA at a regional level</li> <li>▪ Facilitate communication</li> <li>▪ Support scaling up efforts</li> <li>▪ Connect the alliance with regional funding</li> </ul>	<ul style="list-style-type: none"> <li>▪ Co-development with core group and secretariat of a contextualised TOR for the chapter</li> <li>▪ Launch chapter and operate as a project in close cooperation with secretariat</li> </ul>