



sustainable
sanitation
alliance

www.susana.org

31st SuSanA Meeting , 16 – 20 August, 2021

Presenter

Working Group 1 Meeting: Capacity Development



Welcome!

To start with, let us find out who is with us!

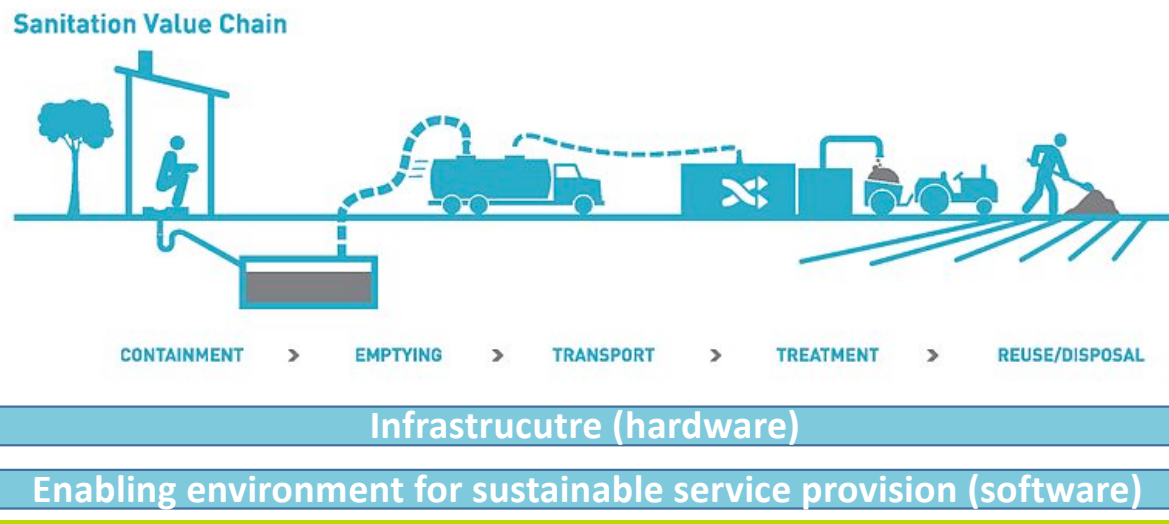
- What type of organisation are you working for? (multiple answers possible)
 - Multi-lateral agency/donor
 - Governmental national/ regional
 - Utility
 - NGO/CBO
 - iNGO
 - Student and academia
 - Private sector
- Which country are you joining from? (world cloud)
- Why are you interested in WG1? (multiple answers possible)
 - Knowledge management and sharing
 - Communication
 - Coordination
 - Learning Exchange
 - Research
 - Advocacy

Aim and objectives of the meeting

- Give you an introduction on SuSanA and this working group
- Launch the new WG factsheet on Capacity Development for Sustainable Sanitation
- Share another example of a Capacity Development Product that benefitted from SuSanA as a working platform and sounding board
- Have an interactive session on Capacity Development and the COVID19 Pandemic

How did it start? Almost 15 years ago...

- January 2007: Kick-off meeting in Eschborn, Germany – initially the aim was to prepare & align for the International Year of Sanitation in 2008
- Main motivations:
 - Sanitation is crucial for WASH, as much as water supply!
 - Sanitation is not only about toilet infrastructure but requires the consideration of the entire sanitation value chain and the software aspects!



[https://commons.wikimedia.org/wiki/File:Sanitation Value Chain.jpg](https://commons.wikimedia.org/wiki/File:Sanitation_Value_Chain.jpg)

SuSanA's vision document 2008 & 2017

- **The five sustainability criteria**

- Health and hygiene
- Environment and natural resources
- Technology and operation
- Financial and economic issues
- Socio-cultural and institutional aspects

- **Goal:**

- 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

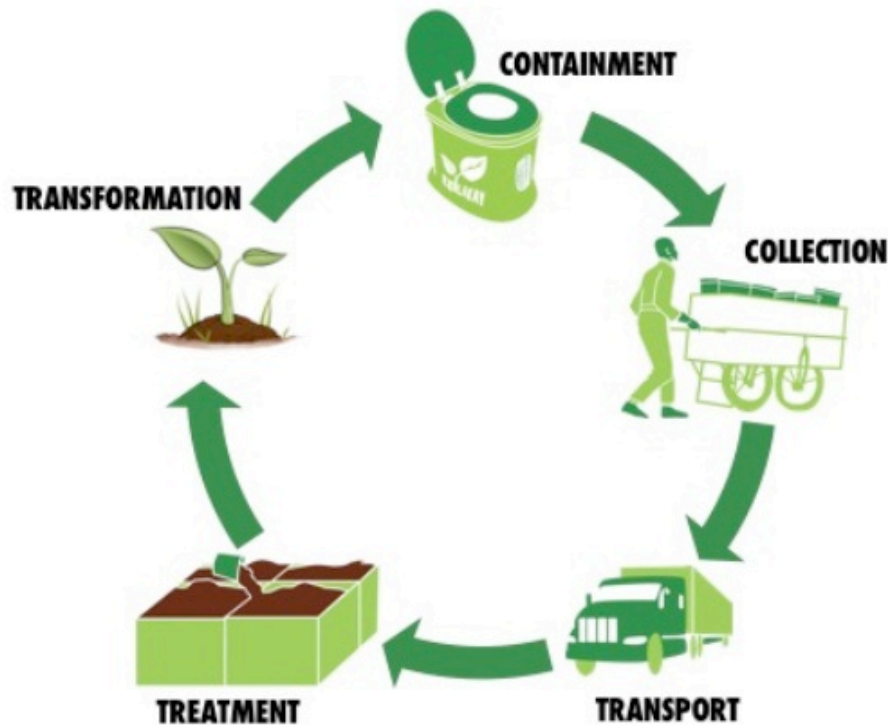
- **Mission**

- 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.”



<https://www.susana.org/en/knowledge-hub/resources-and-publications/library/details/2715>

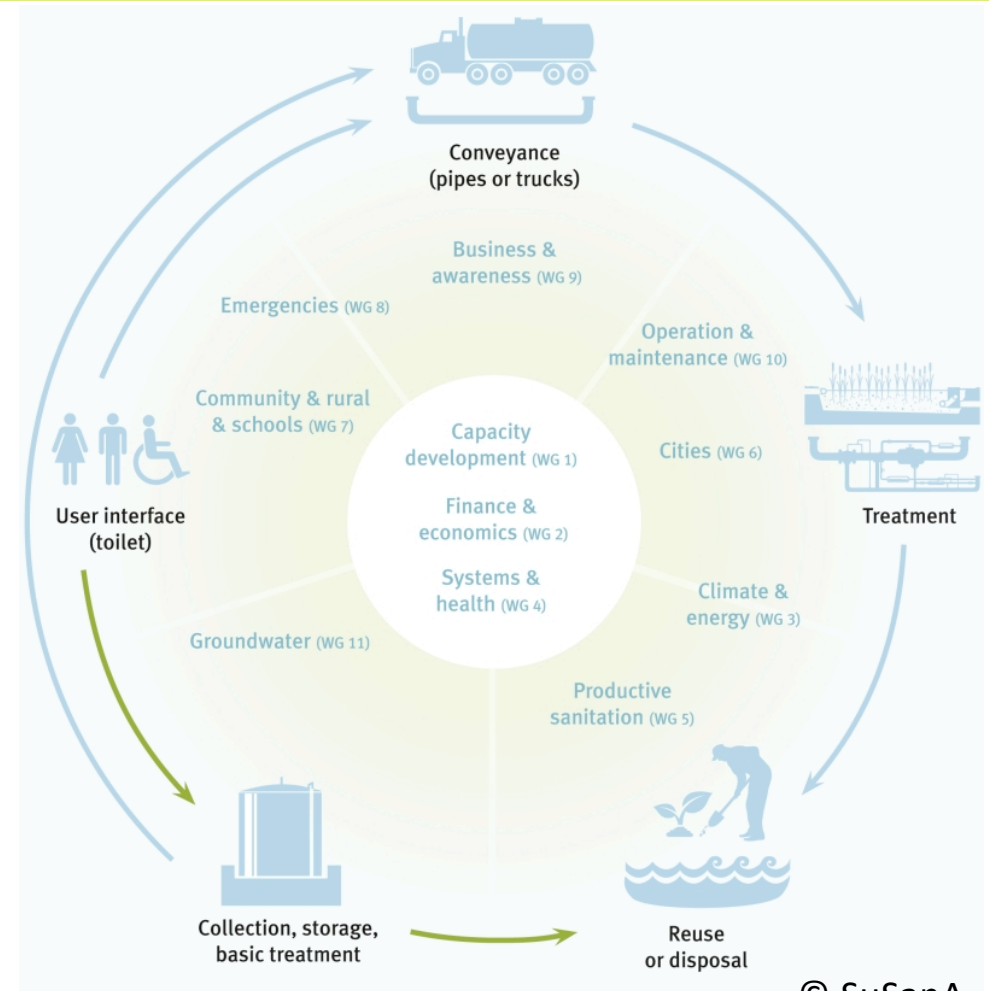
SuSanA two unique selling proposition



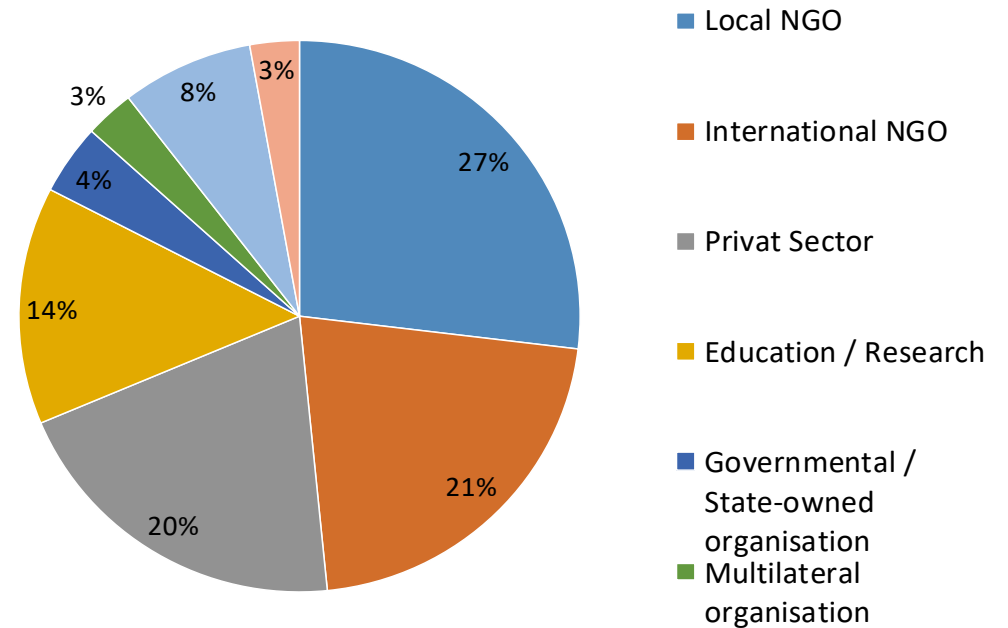
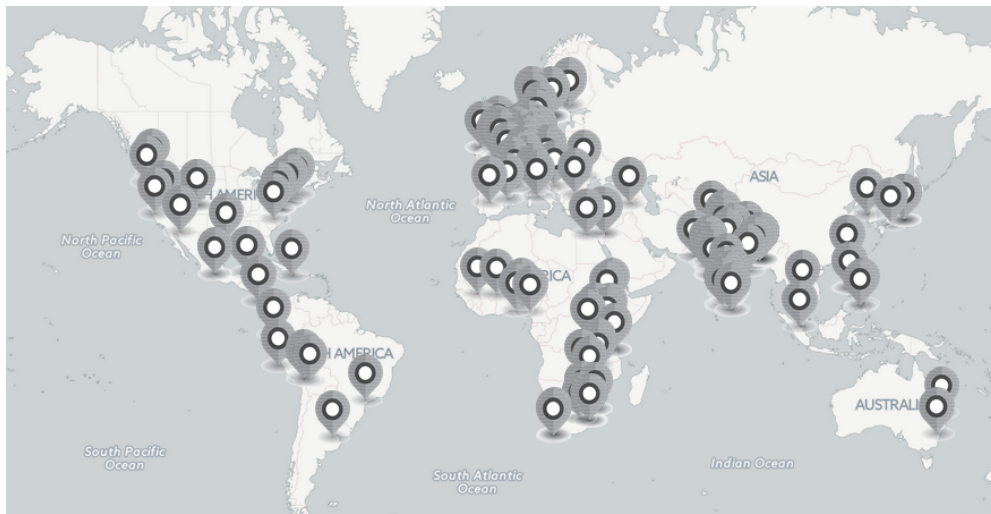
- A broad range of experts and knowledge on alternative sanitation systems
 - Systems that do **not rely on sewers** and thus are appropriate in many areas where sewer systems are not viable (remote areas, developing urban areas, water-scarce areas)
 - Systems that allow for **closing nutrient, water, and energy cycles** to contribute to climate change and soil depletion mitigation, private sector engagement, and circular economy
- The importance of these elements has been recognized by the SDG6 in 2015

11 working groups covering most relevant aspects for Sustainable Sanitation

1. Capacity development
2. Market development
3. Renewable energies and climate change
4. Sanitation systems and technology options
5. Food security and productive sanitation systems
6. Cities
7. Sustainable WASH in institutions and gender equality
8. Emergency and reconstruction situations
9. Public awareness, advocacy and civil society engagement
10. Operation, maintenance and sustainable services
11. Groundwater protection
12. WASH and Nutrition
13. Behaviour change



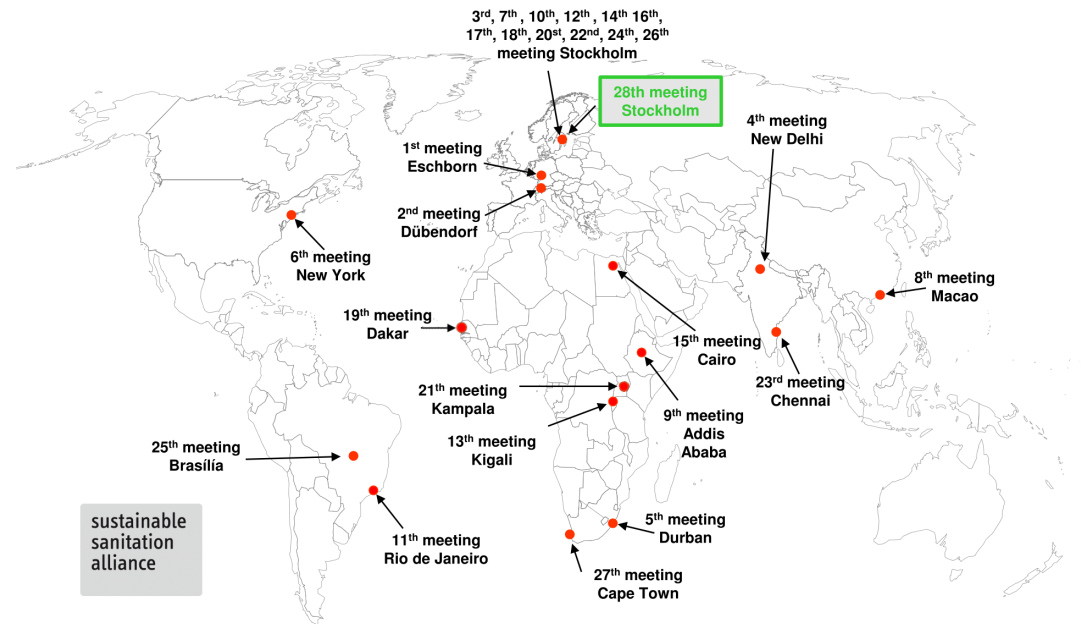
In 2017 more than 7000 individual members, 300 partner organizations



Date: 21 November 2017
Source: Excel Sheet SuSanA partners

The four roles of SuSanA:

(1) SuSanA is a coordination and discussion platform

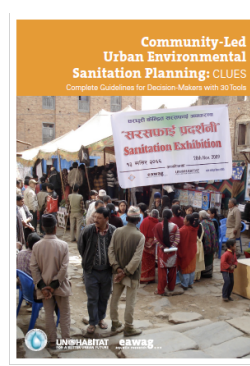
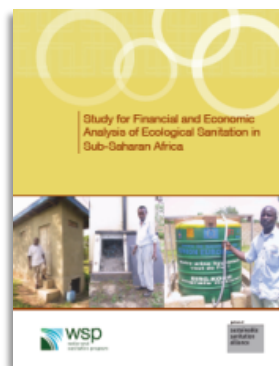
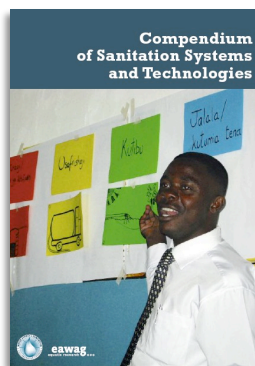


Geographical distribution of SuSanA-meetings since 2007

The four roles of SuSanA: (2) SuSanA is a sounding board

Relevant SuSanA products include e.g.:

- „**Compendium of sanitation systems**“ (Eawag/Sandec, 2008)
- “Study for Financial and Economic Analysis of Ecological Sanitation in Sub-Saharan Africa” (WSP, 2009)
- “**Community-Led Urban Environmental Sanitation Planning**” (Eawag/WSSCC/UN-HABITAT)
- “Making WASH in schools more sustainable”, Volume I and II (BMZ/GIZ, 2014 and 2015)
- “SWACHH BHARAT: Vision to Mission” (ISC, 2017)
- “**Compendium of Sanitation Technologies in Emergencies**” (GWN/Eawag/GWC/SuSanA, 2018)



The four roles of SuSanA:

(3) SuSanA contributes to the policy dialogue

...through a collection of resource materials related to this policy dialogue, e.g.:

- Website with extensive library
- Case study collection

... through its

- Vision documents and joint road map
- Fact sheets from several working groups
- Contributions to conferences and events



The four roles of SuSanA:

Thirteen working groups:

1. **Capacity development**
2. Market development
3. Renewable energies and climate change
4. Sanitation systems and technology options
5. Food security and productive sanitation systems
6. Cities
7. Sustainable WASH in institutions and gender equality
8. Emergency and reconstruction situations
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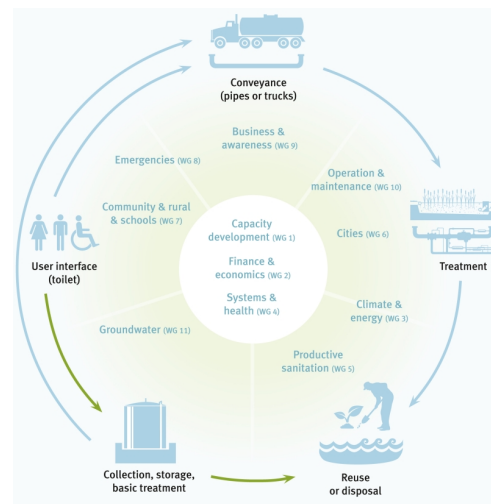
(4) SuSanA is a
working platform

SuSanA Forum

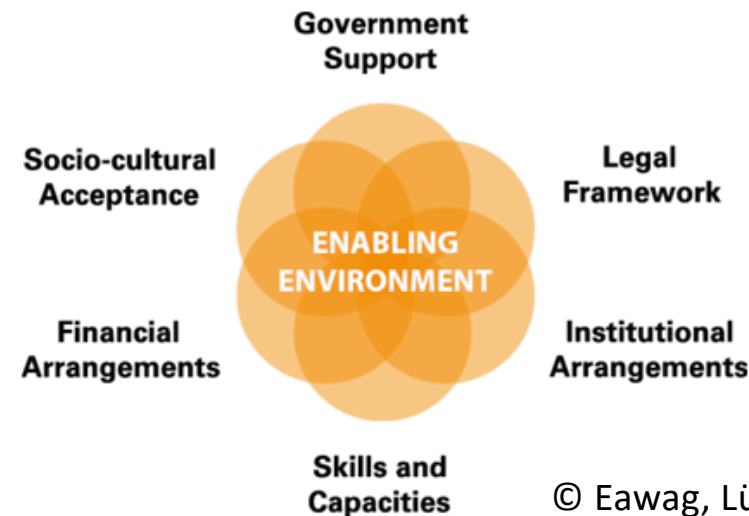
The screenshot shows the SuSanA Forum website interface. At the top, there is a navigation bar with the text "SuSanA website-" and a "Select Language" dropdown menu. Below the navigation bar, there are several icons representing different forum categories: Home, Health & hygiene, schools, Sanitation systems, Attitudes & behaviours, Markets, finance & governance, Resource recovery, Equity & inclusion, Working groups & regional chapters, and Announcements & miscellaneous. A search bar is located below the categories, with a "Guide for newcomers" link and a "Log in" button. The main content area displays "Recent topics" with a list of 558 topics. The first topic is "Building WASH resilience to climate change in rural communities: Discussion Phase 2 - strengthen existing approaches or use radically new ways of working? (9-21 Aug)", which has 11 replies and was last posted by Elaine Mercer on 13 Aug 2021 at 12:36. The category for this topic is "Climate change and sanitation".

Why a working group on Capacity Development

- Sustainable sanitation requires a **multi-sectoral** and **multi-professional** approach
- Sustainable sanitation is not business as usual and requires both the technical know-how and the enabling environment
- Besides the capital investment required (USD 74 to 166 billion annually), whether SDG6 is reached relies heavily on closing the capacity gap (1 mio/year sanitation professionals to be trained)*



© SuSanA



© Eawag, Lüthi et al. 2012

* Hutton, G. & Varughese, M. 2016. The Costs of Meeting the 2030 Sustainable Development Goal Targets on Drinking Water, Sanitation, and Hygiene. World Bank Group, Water & Sanitation Program. IWA (2014). An Avoidable Crisis: WASH Human Resource Capacity Gaps in 15 Developing Economies. 2014. Available online: <http://www.iwa-network.org/downloads/1422745887-anavoidable-crisis-wash-gaps.pdf> (accessed on 26 March 2016).

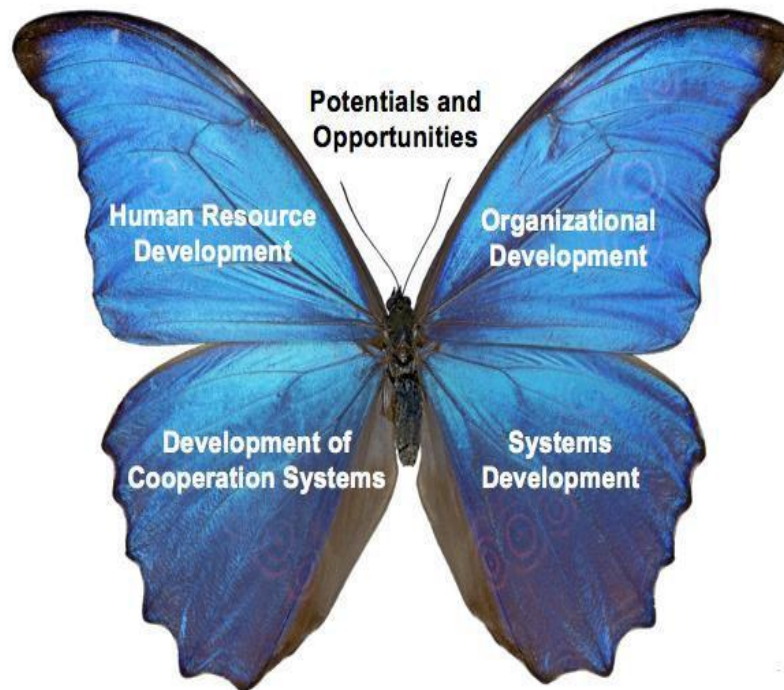
What is Capacity Development

Capacity Development is the process through which individuals, organizations and societies obtain, strengthen and maintain the capabilities to set and achieve their own development objectives over time. (UNDP, 2009)

Capacity Development is the process whereby people, organisations and society as a whole unleash, strengthen, create, adapt and maintain capacity over time. (OECD, 2006)

Capacity Development Levels

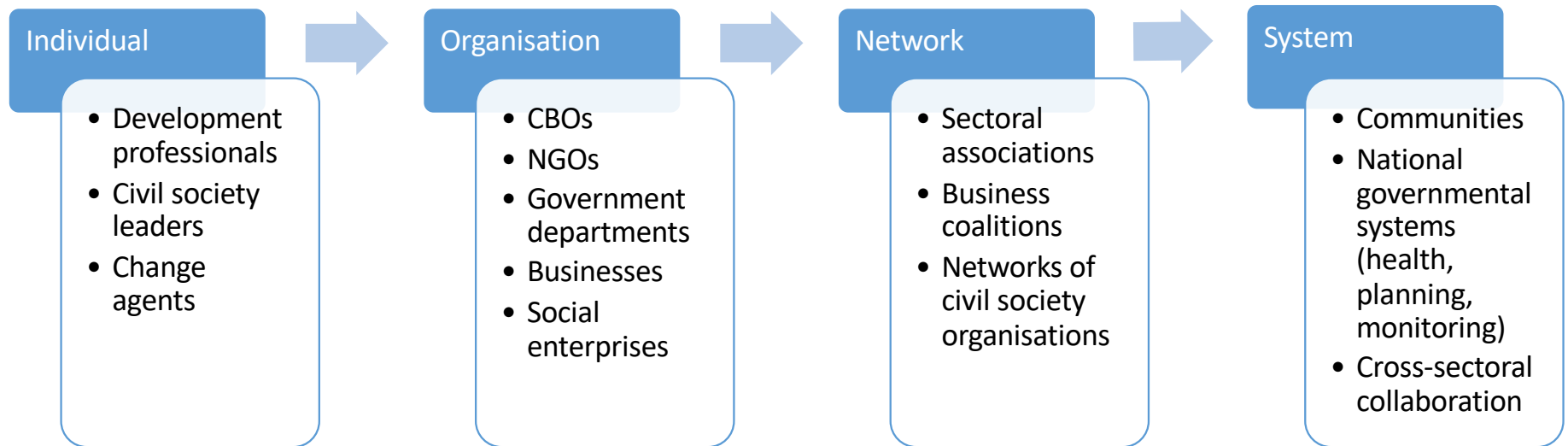
To achieve this, capacity development should target four levels:



- Increase the abilities of **individuals** to express themselves, to solve problems and to reflect themselves their own behaviour and thinking – the micro perspective;
- Enable organizations of the state, civil society and private sector to increase performance and the ability to collaborate;
- Development of new and deeper levels of knowledge, skills and advocacy outcomes, possible through effective, decentralized, democratic **collaborative platforms** (working groups, alliances, user groups and networks);
- Creation of an **enabling environment** to empower the stakeholders in state and society to formulate, negotiate and implement policies for a democratic and sustainable development based on the rule of law – the “macro” perspective.

R. Batliner, Nadel 2021, <https://nadel.ethz.ch/>

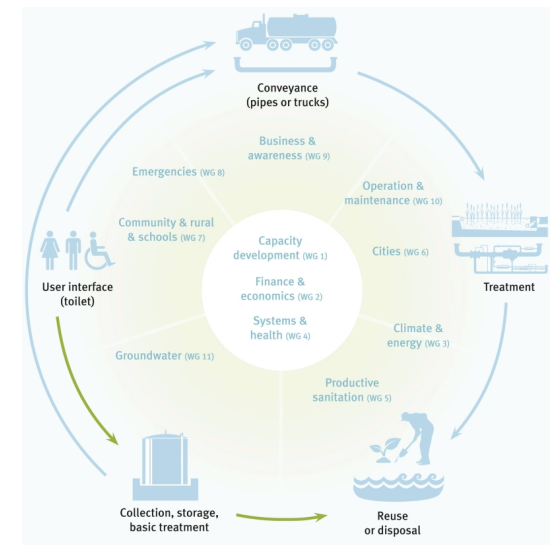
Whose Capacity is being developed?



- Capacity development interventions at one level are likely to have an impact on the others.

Capacity Development for Sustainable sanitation

- Capacity development for sustainable sanitation has to address the full complexity of capacities along the entire sanitation systems from the toilet, to the collection, transport, treatment and reuse or disposal.
- This requires
 - **Transdisciplinary** approach involving multiple stakeholders:
 - Practitioners
 - Academia
 - Policy and decision makers
 - Citizens
 - **Interdisciplinary** approach involving multiple professions and topics:
 - Technology
 - Planning
 - Finance
 - Health and hygiene
 - Monitoring and evaluation, etc.



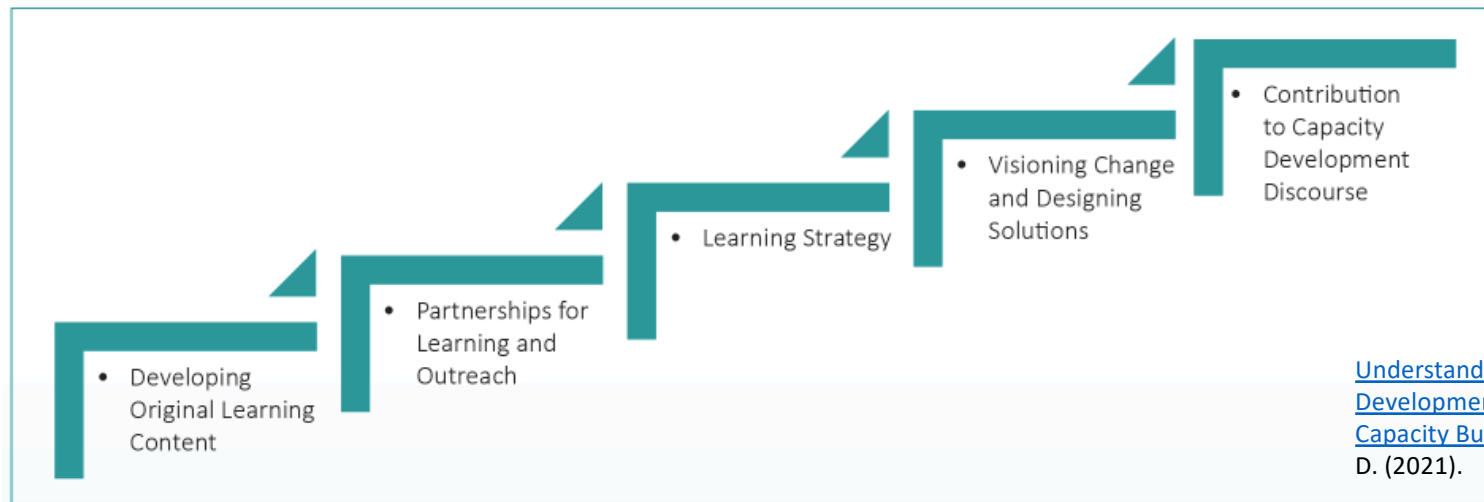
Its not just about training!

- To reach different stakeholders at different levels, a multi-instrument approach is required
 - Education and training
 - Knowledge management and sharing
 - Coaching and mentoring
 - Research and documentation (e.g. in policy briefs)
 - Organisational development
 - Partnership and network development
 - Advocacy
- When designing Capacity Development Interventions, different types of learning have to be considered

Capacity Development Effectiveness

- Learning requires different not only to dispose of knowledge but to apply and transfer it
- The Capacity Development Effectiveness Ladder (CDEL) Framework puts learning as the core of all capacity development.

Capacity Development Effectiveness Ladder(CDEL)



[Understanding Effectiveness of Capacity Development: Lessons from Sanitation Capacity Building Platform\(SCBP\)](#), Kapur, D. (2021).

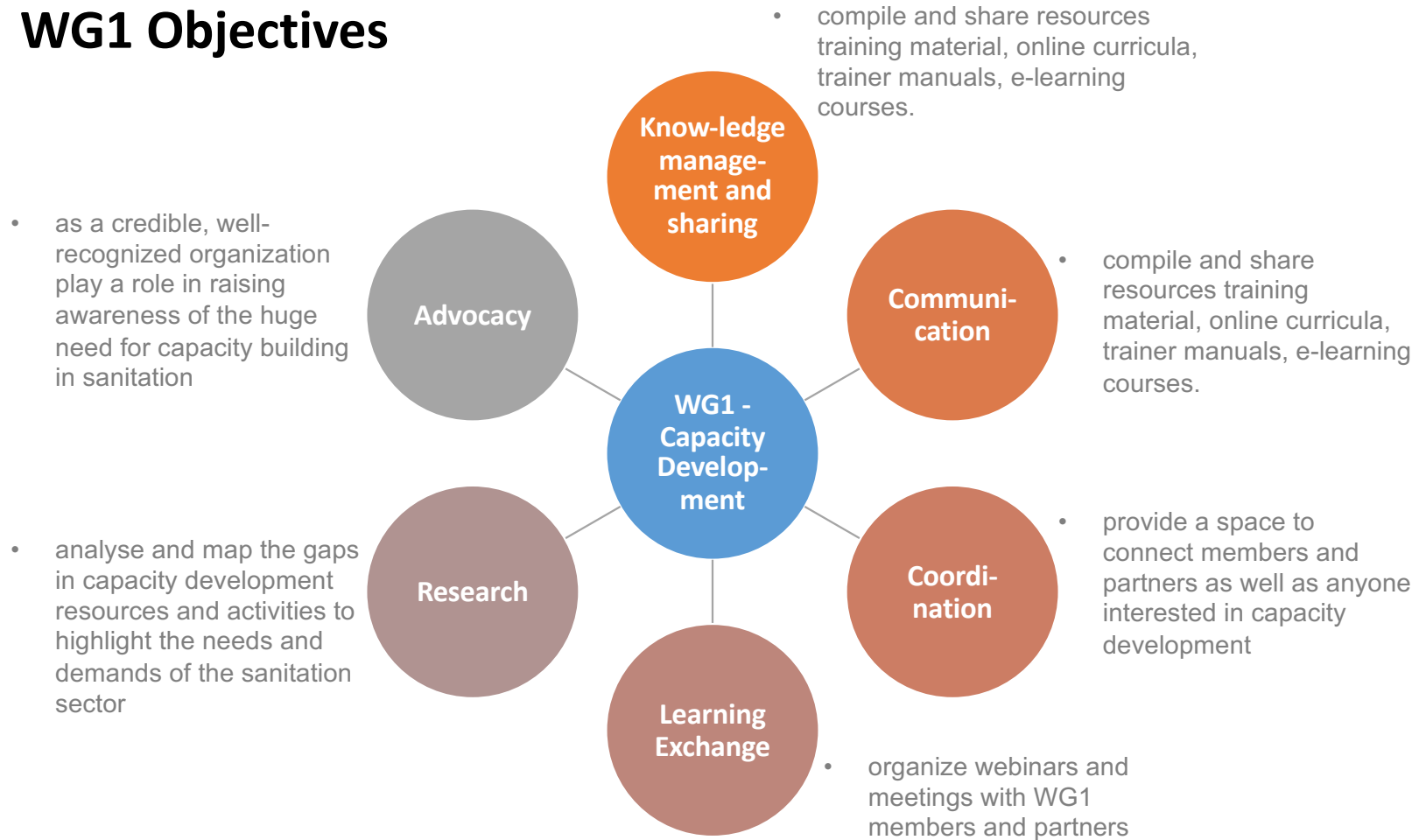
- Any ambitious long-term capacity development intervention should leave a mark on all the five steps of the ladder over its life cycle, to justify its effectiveness

WG1 Factsheet



- First version in 2009
- Updated version in 2012
- Newest version in 2021
- Over 14 members of WG1 contributed either by providing information, compiling information, or proof-reading
- Content:
 - Capacity development for sustainable sanitation and the SDGs
 - What is capacity development
 - Capacity development complexities
 - Capacity development effectiveness
 - Designing capacity development interventions
 - -instruments
 - Trends and resources
- [Find the latest version on the forum!](#)

WG1 Objectives



How do we work?

- Focal point and networking opportunity for anyone or any organization which seeks to become active in capacity development for sustainable sanitation.
- Information sharing
- Regional meetings or online discussions

WHAT: Capacity development
material

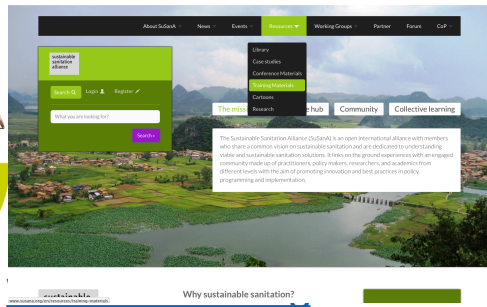
Technical
capacities

Functional
capacities

WHY and HOW:
Capacity development gaps,
opportunities and challenges

Some Capacity Development Products

SuSanA webpage



Library
Training material
Factsheet
Etc.

Filter by training resource

- Trainer manuals (adult learning)
- Games and activities (adult learning)
- Syllabus and course outlines (adult learning)

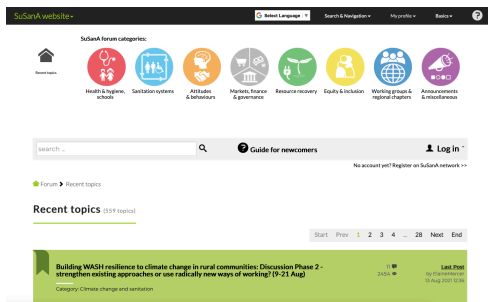
DVD



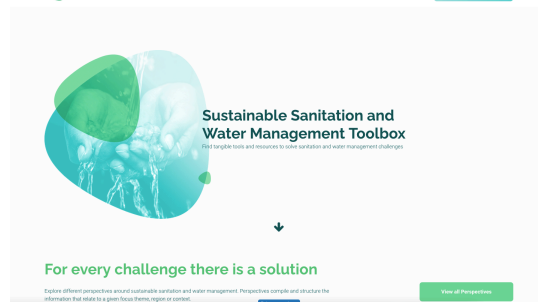
Eawag WASH MOOCs



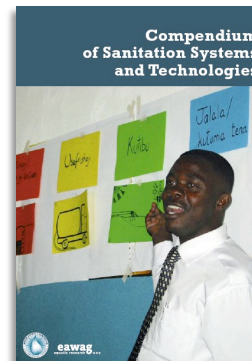
SuSanA forum



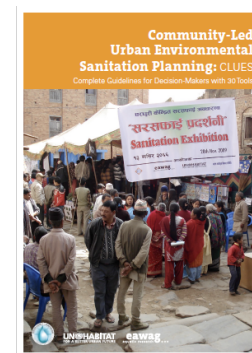
SSWM Toolbox



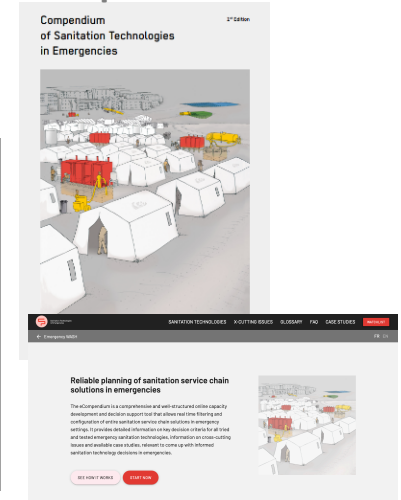
Compendium



CLUES



Emersan Compendium



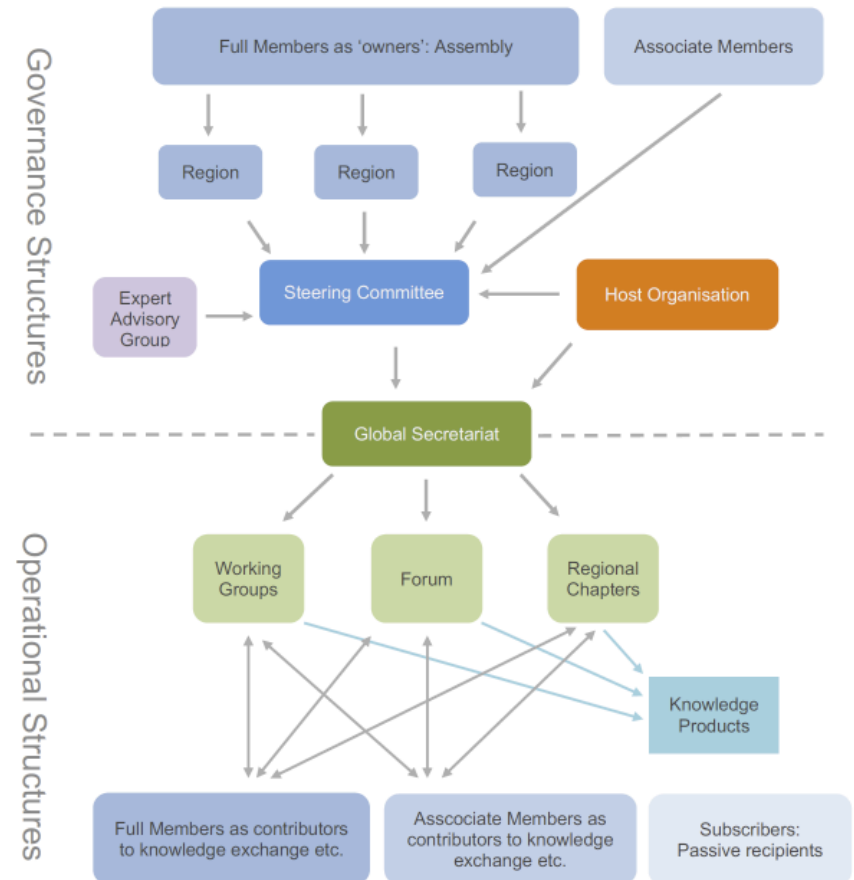
Communication

- SuSanA forum: forum.susana.org (subscribe the topic for updates on meetings and events)
- WG1 mailing list: wg1@susana.org
- WG1 co-leads:
 - Dorothee Spuhler: dorothee.spuhler@eawag.ch
 - Laura Kohler: lkohler@cawst.org

Any of the members of the group can take over entirely or partly the responsibility for any work on a specific activity!

SuSanA future

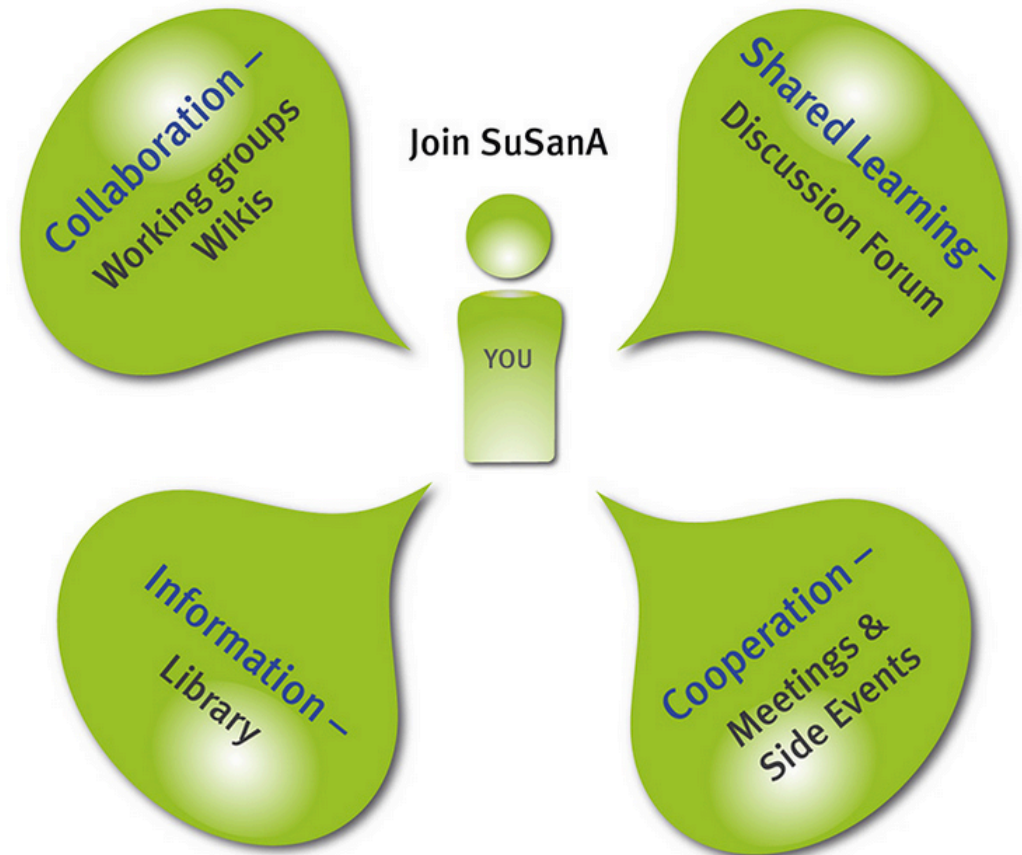
- In the past continuously adapted to most up to date challenges
 - SDGs
 - Reinvent the toilet challenge and joint projects with BMGF
 - Forum and forum moderation
 - Regional chapters
- Currently going to a change management process to also align organisational structure to need of members and current sector developments, join the discussion on Friday!



Join us!

www.susana.org

<https://forum.susana.org/>



Capacity development and the COVID19 pandemic: what can we learn and how does the future look?

- Got to the MIRO Board: https://miro.com/app/board/o9J_l1jlOxM=/ - PW: susanawg1
- Join one of 6 breakout rooms
- Discuss with your colleagues the three questions (you can choose to work on all questions or only one of them):
 1. Business travel in a partially vaccinated world & in the light of climate change: how will business travel look in the future and how will it affect capacity development?
 2. Capacity development under the pandemic: how did you adapt and what did you miss most and how did you learn from it for the future?
 3. Capacity development post-pandemic: how will it change and how will you effectively combine face-to-face, online, and hybrid, and blended learning?
- Come back after 20 minutes.