# sustainable sanitation alliance

# minutes

3rd steering group meeting of the Sustainable Sanitation Alliance

Stockholm • August 11<sup>th</sup>-12<sup>th</sup> 2007

#### venue:

Stockholm Environment Institute Kräftriket 2B, Stockholm, SE 10691, Sweden

#### topic and structure:

On the first day the current working progress of the different thematic working groups was discussed, with emphasis on proposed products, terms of references and potential partners. On the second day an in-depth discussion took place on the different documents of the Sustainable Sanitation Alliance (SuSanA), on funding aspects, external communication and upcoming events. This document follows the chronological structure of the meeting (see agenda) and summarises statements, results and commitments of the different sessions.

#### participants (in alphabetical order):

Bauer, Sören • Hydrophil Bihler, Marcus • Ashoka Bjelkemann, Thomas • Akvo Bodik Igor • GWP-Slovakia Brattberg, Gunilla • SEI Brikke, Francois • WSP, WB Bruijne de, Gert • Waste Bunting, Stuart • Uni Essex Buzie, Christopher • TUHH Caldwell, Ian • SEI Coulibaly, Chiaka • CREPA Denham, Ronald • Rotary Dölle, Kirsten • gtz Dooley, Therese • UNICEF Drabo, Moussa • BOATA Drangert, Jan-Olof • Vaterna Drechsel, Pay • IWMI Drescher, Axel • Uni Freiburg Dzikus, Andre • UN Habitat Edström, Gunder • SUDEA Eichholz, Jürgen • gtz Fogde, Madeleine • SEI Fox, Amanda • Ashoka Garces, Gabriela • TU Munich Gensch, Robert • gtz Guterstam, Björn • GWP Gwynne, Beris • GWP Hänel, Mirko • TTZ Harada, Hedenori • SEI

Heeb, Johannes • seecon, IEES

Jenssen, Petter • UMB Jönsson, Hakan • SEI Kedaj, Yuzu • AWF Keipp, Waltraud • BOATA Khambati, Nayand • IWWA Kjellen, Marianne • SEI Kuck, Andreas • gtz Kundu, Nitai • Gov. of West Bengal Kvarnström, Elisabeth • SEI Langergräber, Günther • BOKU Lehn, Helmut • Helmholtz Centre Leung, Amy • ADB Linde van der, Peter • Akvo Luising, Alexia • TU Delft Magtibay, Bonifacio • WHO Mahagaokar, Prashant • IWWA Makarol, Bogdan • GWP-Slovenia Matuska Milan • GWP-CEE Morgan, Peter • Aquamor Münch von, Elisabeth • UNESCO-IHE Nakamura, Ayumi • JWF Odenwaelder, Nina • UNSGAB Panesar, Arne • gtz Panse, Dayanand • IWWA Panzerbieter, Thilo • GTO Polak, Mathias . BGR Pfeiffer, Verena • KfW Regelsberger, Martin • AEE/INTEC

Holmer, Robert • Xavier, PUVeP

Horea, Phyllis • Plan Norway

Reuter, Stefan • BORDA Richert Stinzing, Anna • Richert Cons. Rosemarin, Arno • SEI Ruben, Cecilia • SEI Rüd, Sören • gtz Samwell, Margriet • WECF Schertenleib, Roland • Eawag/Sandec Schmidt, Susanne • UNDP Sharatchandra, H.C. • PCB Snel, Marielle • IRC Sim, Jack • WTO Singh, Anil K. • Sulabh international Stenstroem, Thor-Axel • SEI Stravato, Laurant • IFAD Taylor, Paul • Cap-Net Terrefe, Almaz • SUDEA Tsukahara, Kenichi • JWF Tufvesson, Anna • SIDA Vessela, Monta • IRHA Voorden van der, Caroline • WSSCC Vodounhessi, Anselme • CREPA Wachtler, Andrea • BBU Werner, Christine • gtz Witmer, Lesha • WECF Yap, Vincent • WTO Yokota, Taeko • JWF Zhu, Quiang • EETP Zurbrügg, Chris • Eawag/Sandec

# members of the following organisations apologised that they were not able to participate in the meeting:

EcosanClub, Ecosanlac, FAO, RUAF, Water for People

#### minutes by:

Eichholz, Jürgen: <u>j.eichholz@uhuru.de</u> Gensch, Robert: <u>robert.gensch@gtz.de</u> Kjellen, Marianne: <u>marianne.kjellen@sei.se</u>

Kvarnström, Elisabeth: elisabeth.kvarnstrom@sei.se

Ruben, Cecilia: <a href="mailto:cecilia.ruben@sei.se">cecilia.ruben@sei.se</a> Rüd, Sören: <a href="mailto:soeren.rued@gtz.de">soeren.rued@gtz.de</a>

#### day 1 • session 1 • chair: A. Rosemarin

presentation of the current status of the SuSanA working groups • part I

08:15 welcoming address (Arno Rosemarin, Gunilla Brattberg • SEI / EcoSanRes)

► see presentation 01 & 02

Arno Rosemarin opens the meeting, welcomes all participants and is pleased that SEI hosts the meeting in its new office building. He reveals that one of the central aims of the SuSanA is to bring together those with experience in sanitation to get back on track on achieving the sanitation MDGs.

Gunilla Brattberg gives a short introduction of the SEI history and research programmes, and how the SuSanA was formed in anticipation of the International Year of Sanitation (IYS) 2008. She points out that it is important to promote sustainable sanitation in a broad sense taking into account all aspects of sustainability in order to achieve the MDGs in sanitation and adjacent areas. The pure quantity of toilets installed is not sufficient to measure the progress in reaching the MDGs. The quality and sustainability of sanitation systems has an important role to play and is seen as a major challenge for the SuSanA partners. The upcoming Stockholm World Water Week (WWW) contains a number of sessions on sanitation, an indication that sanitation is becoming acknowledged as an important issue to be addressed.

# 08:25 presentation of the agenda (Christine Werner • gtz)

Christine Werner welcomes all partners and new participants that have joined the meeting and gives a short presentation of the agenda – a two-day programme squeezed into one and a half in order to allow participants to attend WWW sessions during Sunday afternoon. The first day is intended to discuss the progress of the different working groups with a time frame of 30 minutes for each working group. Every group is supposed to present the progress of its work to allow for a short discussion on the current state of affairs and further proceeding. Informal working group meetings are planned for the later evening, after dinner on the first day. The agenda for the second day focuses on the more general aspects of the SuSanA, which are the discussion on the 3 vision documents, a joint strategy for the UNSGAB public meeting at the WWW on Wednesday, the decision on the logo, website, presentation of various funding initiatives, events and the planning for the next SuSanA meeting(s).

#### 08:30 short introduction of participants

All participants quickly say their names and institutional affiliation.

# 09:00 working group 01 • capacity development for sustainable sanitation

As identified at the first SuSanA meeting, capacity development is one of the major priorities for the SuSanA partners. The progress of this large and expanding working group includes the development of terms of reference, a draft strategy, an update of the UNESCO/gtz-'capacity building for ecosan'-CD, a paper on e-learning and a draft fact sheet. The group also decides to change its name from capacity building to capacity development for sustainable sanitation.

Madeleine Fogde presents a definition of capacity and capacity development, overall objectives of the working group, as well as deliverables for 2008. These deliverables are considered to be comparatively short and precise since they should be ready for the start of IYS 2008. It has to be taken into account that there are different capacity development needs for different groups and that it is important to tailor the training to the specific needs of each group.

Elisabeth von Münch briefly presents the UNESCO-IHE e-learning course on ecological sanitation - a 4-month internet-based course for small groups of about 25 people targeted at water, sanitation, agriculture and health professionals. It is specifically designed for those who do not have the opportunity to travel abroad to take a long-term course and it consequently helps to reduce CO₂ emissions. The course fees are 550 € but the basic online material is available for everybody free of charge. It is mentioned within the group that apart from all advantages, particularly with regard to its

networking opportunities, e-learning courses too have their limitations and could not entirely replace conventional training methods.

Jan-Olof Drangert gives a brief overview of the 'ecosan training programme of EcoSanRes' that is targeted at practitioners and those who are actively working on ecological sanitation issues. Together with a larger team he has been running international training courses on ecological sanitation for many years. A major outcome of the training courses was the development of professional projects individually done by the course participants. Several people within the group emphasised that the capacity building activities have to be widened and incorporated into university curricula as well as adapted for the training of professionals. Jan-Olof ended with the note that "we can't change the world, but we can provide some information."

presentations by: Madeleine Fogde, Elisabeth von Münch & Jan-Olof Drangert

► see <u>presentation 03</u> & <u>presentation 04</u>

partners/lead: SEI, gtz, BGR, TTZ, IEES, UNESCO-IHE, BOKU, Eawag/Sandec, AEE/INTEC,

IWWA, IWA-SG, UN-Habitat, Cap-Net, UNDP, Uni Essex

expected outcome: • fact sheet (including collection of existing and planned capacity development

activities)

 strategy document (to guide planning and implementation of capacity development; taking into consideration new target groups; instruments for assessment, implementation and monitoring of sustainable sanitation actions)

• paper on e-learning courses

• joint database (adding information on capacity development institutions)

• update of UNESCO/gtz-CD 'capacity building for ecological sanitation'

current state: • draft terms of reference

• preliminary draft for the fact sheet

• paper on UNESCO-IHE ecological sanitation e-learning course

next steps: • circulation of the terms of reference

• elaboration of a draft fact sheet

starting the process in updating the UNESCO/gtz-CD

# 09:30 working group 02 • cost and economics of sustainable sanitation

Possible initiatives for this working group were identified in February 2007, including a comprehensive study on costing of ecological sanitation as compared to other sanitation systems, a report on financing of sanitation, and the provision of information on projects and best practices. Further potential activities were identified at the second meeting in April 2007, including the identification of local financing options, investment opportunities, and demand for and cost of nutrients; calculation of total sanitation benefits as well as capacity building for financiers and the collection of case studies. Activities were in different stages of initiation or implementation. It is noted that costs are location and time bound, and calculations cannot be easily transferred.

The group expresses a strong need for terms of reference with clear indications of what is to be done within the working group and a strategy or concept paper respectively. Furthermore, there is a need to distinguish between costs, economics and financing and the working group should jointly decide if they want to address the issue of financing as well. There is also the issue of the continued leadership of this working group. WSP who were supposed to lead the group decided not to do so, and Waste has taken this on as a temporary responsibility. After the official SuSanA meeting all of the participants who want to take part in this working group will meet to discuss the above-mentioned open issues and their further proceeding.

presentation by: Gert de Bruijne ▶ see presentation 05

minutes 3<sup>rd</sup> SuSanA meeting, Stockholm, August 11<sup>th</sup> - 12<sup>th</sup> 2007

partners: Waste (temporary lead), SEI, gtz, WECF, EcosanClub, IWA, AEE/INTEC, WB-

WSP, IEES, KfW, UNDP

expected outcome: • fact sheet

• strategy and concept paper

• case studies

next steps: • clarification of lead

elaboration and circulation of draft terms of reference
establishment of communication within the group

• questionnaire for practitioners to fill in data

10:00 working group 03 • sustainable sanitation, renewable energies and climate change

Mirko Hänel presents the connection between sustainable sanitation and renewable energy sources. Examples of biogas and biomass production using wastewater for energy were presented. The working group has developed a first draft of terms of reference and an information collection based on existing literature. The issues of whether to use nutrients for food production or biomass/energy production and the potential for competition on available resources in this area are highlighted. The group underlines as well the issue of carbon dioxide emission trading and carbon fixation in the soil and expresses the need to include the sanitation issue into the larger picture of the climate change debate.

Whether groundwater should be addressed in this working group or not is discussed, but it is concluded that the topic could be better dealt with by another group.

presentation by: Mirko Hänel ▶ see presentation 06 & 07

partners/**lead**: TTZ, gtz, BGR, IFAD, Xavier University, PUVeP, SLU, Uni-Hohenheim

expected outcome: • fact sheet

• information package for farmers (guidelines, cost-benefit analysis, best practice

examples, info-sources) until summer 2008

• information package for municipalities (overview of suitable options, cost-

benefit analysis, best practice examples, info-sources)

collection of success stories and best practises

current status: • draft terms of reference

collection of information based on existing literature

next steps: • identifying and contacting of new partners

• elaboration of a first draft of the factsheet until November

• enhancement of communication within the group

• coordination with working group on food security and productive sanitation

systems

day 1 • session 2 • chair: G. de Bruijne

presentation of the current status of the SuSanA working groups • part II

11:00 working group 04 • sustainable sanitation, treatment options, hygiene and health

Chris Zurbrügg presents the preliminary outcome of the NETSSAF programme. NETSSAF is a European Commission funded programme, composed of 19 partners from 12 African and European countries that focuses on implementation of adaptable and replicable sustainable sanitation solutions. One of the main outcomes of NETSSAF is a structured characterisation of sanitation systems and their respective potential sanitation technology configurations. Furthermore, an evaluation of the typical systems and technology configurations is in progress with regard to a list of sustainability criteria for a qualitative appraisal. Several participants annotate that the NETSSAF findings can only be seen as a starting point for further progress of the working group and that now other partners have to be included in order to elaborate the discussion.

presentation by: Chris Zurbrügg ▶ see presentation 08

partners/ lead: Eawag/Sandec, SEI, BGR, TTZ, IWA, WSSCC, UNESCO-IHE, AEE/INTEC,

IWWA, IWA-SG, UN-Habitat, gtz, UNDP, BOKU, Ecosanlac, KfW

expected outcome: • fact sheet

sanitation systems sourcebook (based on NETSSAF findings)

current state: • work in progress of the NETSSAF programme

next steps: 
• establishment of communication within the group

draft terms of reference

• assessment of different systems and treatment options is currently done by

NETSSAF (NETSSAF product will be ready in early 2008)

# 11:30 working group 05 • food security and productive sanitation systems

Robert Gensch presents the outcome of the 2-days meeting which the working group on food security held just before the 3<sup>rd</sup> SuSanA steering group meeting. During the working group meeting, the participants discussed the extent, manner, potential target groups and timeframe of the deliverables that are to be developed in the next months. The planned deliverables are a fact sheet, a collection of case studies, a more comprehensive publication and a guide for farmers. A first draft of the fact sheet and a preliminary outline for the major publication were already prepared and were throughouly discussed together with a selection of case studies. The group adds that a potential competition on resources between the agricultural production of food, and the reuse for energetic purposes has to be addressed. Additionally, the legal aspects have to be taken into consideration. It is suggested to develop recommendations for modifications in legal frameworks and a guide that deals with adapting the recycling concepts in agriculture, particularly aimed at engineers and politicians. In addition, the topic of SuSanA resources and financing of the final working group outputs is brought up as well as the need for dissemination strategies and it is proposed to include this issue in the agenda for the next meeting in New Delhi.

presentation by: Robert Gensch ▶ see presentation 09

partners/ lead: gtz, TTZ, Uni-Freiburg, Xavier University/PUVeP, IEES, SEI/EcoSanRes,

Ecosanlac, IFAD, IWMI, FAO, RUAF, IDRC, SLU, Uni-Hohenheim

expected outcome: • fact sheet

• collection of case studies

• major publication based on the factsheet

• guide for farmers

• making use of events, agricultural media etc.

current state: • 2-day working group meeting in Stockholm, August 9<sup>th</sup> & 10<sup>th</sup> 2007

• terms of reference

• first draft of the factsheet

• literature review

next steps: • second draft of the factsheet until the SuSanA meeting in Delhi

• elaboration of a template for the case study collection and collection of first

case studies until November 2007

• further development of the guide for farmers

• coordination with working group on renewable energies and climate

# 12:00 working group 06 • sustainable sanitation for cities

Arne Panesar presents the current status of the working group on sustainable sanitation for cities. The group developed a first draft of the terms of reference, a draft outline for the factsheet and is organising a first working group meeting in Paris on September 10<sup>th</sup> and 11<sup>th</sup> 2007 attached to the UNESCO-IHP

conference on 'new directions in urban water management'. In the discussion afterwards the problems of how to define urban/peri-urban areas and how to integrate sustainable sanitation into legal frameworks of cities arise. It is furthermore highlighted that there a considerable overlapping between the working group on sustainable sanitation for cities and the working group on sustainable sanitation planning exists. It is therefore suggested to bring both groups closer together or even combine them.

presentation by: Arne Panesar ▶ see presentation 10

partners/lead: gtz, BGR, SEI, BOKU, IWA, WUR, UNESCO-IHE, IWWA, Helmholtz Centre, UN-

Habitat, RUAF, Eawag/Sandec, IRHA, TUHH, Uni Delft, WSP, IWMI, Uni Essex

(Cities Alliance, DIFU, EETP, SCRI, SPARC...)

expected outcome: • fact sheet

• collection of case studies

(• publication)

current state: • draft terms of reference

• coordinating activities with the working group on sustainable sanitation planning

next steps:

• joint working group meeting together with the working group on sustainable sanitation planning (September 10<sup>th</sup> – 11<sup>th</sup> 2007 in Paris)

• contribution to the gtz/SWITCH/SIAAP side event 'the need for sustainable sanitation in the cities of the future' at the UNESCO-IHP conference 'new

directions in urban water management' (September 11<sup>th</sup> 2007)

• coordination with the working group on planning and updating of both terms of

referencesfirst draft of a factsheet

• elaboration of a template for the collection of case studies and collection of first case studies until November 2007

# 12:30 working group 07 • community sanitation

Anil Singh gives a brief overview on Sulabh's community sanitation activities. The community sanitation approach allows communities to decide whether to participate in a community sanitation project and enable them to identify the preferred technology and level of service based on their willingness to pay. Sulabh encourages communities to participate from inception of the project to service planning, implementation, operation and maintenance. It is a 'total' approach to sanitation, resulting in safer, defection-free environment where the whole community takes a lead role in making a collective decision to change their behavior and sustain it.

Marielle Snel presents the work of the IRC regarding the institutional mobilisation and strengthening of sanitation which includes school sanitation and hygiene education. The attendees appreciate the ongoing activities in that area and point out that they should not be limited to the provision of toilets only but also include collection, treatment and reuse or safe disposal. The previous lack of communication between the partners of the working group is highlighted as well as the importance to structure the future process in the upcoming weeks.

presentation by: Anil K. Singh & Marielle Snel ▶ see presentation 11 & presentation 12

partners/lead(s): Sulabh, IRC, WSP, gtz, Waste, WECF, WTO, IEES, UN-Habitat, UNICEF,

UNESCO-IHE, UNDP

expected outcome: • fact sheet

publication

next steps: • draft terms of reference

• establishment of communication within the working group

• developing a checklist to mainstream gender issue into the other working groups (sub-initiative by WECF, IRC, UN-Habitat, UNDP, UNESCO-IHE)

#### day 1 • session 3 • chair: R. Schertenleib

presentation of the current status of the SuSanA working groups • part III

14:00

working group 08 • sustainable sanitation in emergency & reconstruction situations

Marielle Snel shortly informs that the person at IRC who was responsible for the working group on sustainable sanitation in emergency and reconstruction situations has fallen sick and suggested some candidates that might take over the lead of the working group. Regarding the focus of the group it is said that the interest of the SuSanA lies mainly in linking the 24h emergency response with longer term reconstruction situations that often serve as permanent solutions. It is than mentioned that in September there will be a workshop on emergency situations organised by Oxfam (September 20<sup>th</sup> and 21<sup>st</sup> 2007, Oxford) and it would be good if someone of the SuSanA can represent the Alliance at the meeting in order to get people from the emergency sector involved in the discussion, and ideally find someone who could take over the lead of the group. Christine Werner from gtz-ecosan will go to Oxford as a representative of the SuSanA.

presentation by: Marielle Snel ▶ see presentation 14

partners/lead: Oxfam, gtz, IRC, SEI, BGR, WTO, TU-Delft, UNESCO-IHE

(further potential partners: Islamic Relief Service, Kanan-Red Cross Sri Lanka,

ICRC, UNICEF, OCHAR, UNHCR, THW, UNDP)

expected outcome: • fact sheet

• collection of capacity building material for emergency and reconstruction

organisations

next steps: • Participation at Oxfam emergency workshop (September 20<sup>th</sup> – 21<sup>st</sup>, Oxford)

• identify a new lead

• future lead drafts TOR's and establishes communication within the group

14:30 w

working group 14 • wikipedia

Sören Rüd presents the new wikipedia entry on 'sustainable sanitation' and on the 'Sustainable Sanitation Alliance'. Both are partly based on the short SuSanA statement. The group appreciated this entry and since wikipedia is a highly dynamic media it was mentioned that it needs continuous updating by all interested participants.

presentation by: Sören Rüd ▶ see presentation 15

partners/lead: gtz, all

current state: • entry on 'sustainable sanitation'

• entry on 'Sustainable Sanitation Alliance' based on the SuSanA short vision

statement

next steps: • continuous updating of the entry by the whole group

15:00

working group 11 • political lobbying

The group discusses the term of political lobbying in general and agrees that the SuSanA itself is an Alliance for lobbying that after the initial identification process has to show 'her' face now. It is said that the SuSanA partners should take advantage of the upcoming WWW and use it as a platform for lobbying in all sanitation related events. Since many people and organisations are lobbying for something, the SuSanA has to sharpen its profile and come up with a concise and clear message. The idea to convert the short SuSanA statement into a PowerPoint presentation all partners can use in conferences and meetings comes up, and it is also suggested that depending on the kind of event, all

partners should ideally not only introduce themselves as representatives of their own organisations but also as representatives of SuSanA. In presentations the logo may be used by the partners by including the words 'partner of' the SuSanA. In the next SuSanA meeting in New Delhi the group has to further discuss on how to proceed with the elaborated outcomes of the different working groups and has to develop dissemination strategies.

partners: GTO, SEI, WECF, affiliated: Nina Odenwälder

expected outcome: • list of actions to be taken

making use of events

short SuSanA PowerPoint presentation

# day 1 • session 4 • chair: A. Panesar

presentation of the current status of the SuSanA working groups • part IV

#### 16:00 working group 12 • sustainable sanitation planning

Roland Schertenleib presents the current activities of the Eawag regarding the Household Centred Environmental Sanitation Approach (HCES). He highlights the problem of planning in an urban heterogeneous area and reaching a mutual decision with the involved people on an appropriate sanitation system. When using a holistic planning approach, participants should be provided with the necessary information on the variety and consequences of possible sanitation solutions in order to enable the communities to make informed choices on their own. Roland reports that until now the working group is predominantly focussed on the HCES approach and the other partners are not contacted yet but nevertheless communication within the group will be established soon. The group adds that also centralised systems have to be considered within the planning process, particularly for bigger cities. In addition, the lack of good long-term planning examples was addressed as well as the inclusion of costs into the overall planning approach.

presentation by: Roland Schertenleib ▶ see presentation 16

partners/lead: Eawag/Sandec, gtz, IWA, AEE/INTEC, Meda-Water, UNDP, UN-Habitat

expected outcome: • fact sheet

• source book featuring successful examples of sustainable sanitation approaches in urban and peri-urban areas

case studies

international conferences during the IYS

current state: • draft terms of references

• pilot projects for testing the Household-Centred Environmental Sanitation

Approach (HCES) are undertaken by Eawag

next steps:

• overview and assessment of new approaches, e.g. HCES, Sanitation 21, 'total sanitation', ISWM (Waste) and other relevant approaches

 joint working group meeting together with the working group on sustainable sanitation for cities (September 10<sup>th</sup> – 11<sup>th</sup> 2007 in Paris)

• coordination with working group on sustainable sanitation for cities and

updating of both terms of reference

• elaboration of a factsheet

## 16:30 working group 13 • operation and maintenance of sustainable sanitation

Gert de Bruijne questions the existence of so much working groups as SuSanA might lose its holistic approach und proposes to merge the working group on operation and maintenance of sustainable sanitation systems with the working group on cities to an urban sanitation working group. A longer discussion on different working group combinations starts and ends with the statement that SuSanA is seen as a loose network depending on the voluntary contributions from its partners. As a result some

topics might not be covered during the IYS but at a later stage only if resources are lacking and perhaps different priorities are to be set.

partners/lead: Waste, WECF, SEI, IWA, AEE/INTEC, BOKU, Eawag/Sandec

expected outcome: • fact sheet

range of articles

current state: • about to start

next steps: • draft terms of reference

establishment of communication within the group

17:00 working group 10 • public awareness and sanitation marketing

▶ see also 'supplementary documents'

Jack Sim reports on various activities the WTO has planned, which includes:

- The World Expo 2010 in Shanghai: The Shanghai Toilet Association is working on the World Expo 2010 and there are 46 public toilets that can be used to demonstrate sustainable sanitation solutions. It is a great opportunity to showcase the future of sanitation and to introduce alternative technologies. An estimated attendance of 400,000 visitors a day for a period of 6 months so a broad effect is expected. SuSanA partners are invited to join in.
- **UBS Philantrophie Forum:** UNSGAB-Vicechair Dr. Uschi Eid and Jack Sim were invited to the UBS Philanthropy Forum to present a panel discussion on sanitation funding to clients of UBS in Lisbon, Portugal. The session was well received and there is wide-spread sympathy for the sanitation issue. Arthur Wood from Ashoka is now discussing with UBS on further fund-raising mechanisms.
- **G8 Summit in Japan**: Jack met the Japanese Minister of Environment at World Economic Forum in Singapore and he is willing to include the sanitation issue into the next G8 summit.
- World Sanitation Fund Forum: A presentation from Vincent Yap (WTO) on this issue will follow on Sunday as part of the 'funding initiatives' section
- World Toilet Summit in New Delhi: Will be discussed on Sunday as well.
- sanitation poster campaign: The WTO elaborated together with the advertising company Leo Burnett a poster for awareness raising purposes intended to be put on the inside door of public toilets. For feedback, suggestions regarding the text used on the poster and the adding of logos should go directly to <a href="https://www.petition4toilets.org">www.petition4toilets.org</a>. The posters will be available soon for all SuSanA partners and the group is encouraged to use them for their own projects.

partners/lead: • WTO, WSP, IEES, GTO, IRC, WaterAid, AEE/INTEC, Ecosanlac, affiliated

Nina Odenwälder

expected outcome: • fact sheet

documented country cases

next steps: • draft terms of reference

establishment of communication within the groups

day 2 • session 5 • chair: C. Werner

vision documents and funding

08:15 welcoming address and wrap up of day 1

Christine Werner welcomes the new and old participants and summarises the first day of the SuSanA meeting as very intensive and successful. In order to sharpen the profile of sustainable sanitation, many working groups have made promising steps forward and already elaborated first outputs. The fact that some working groups are lacking behind is not seen as a drawback as the work of SuSanA will continue in the future and is not limited to the IYS. So the speed of the working groups may be varying individually depending on the available ressources and the priorities that have to be set. The discussions of the first day have shown that more research is needed on institutional and legal aspects.

sustainable sanitation alliance

Christine Werner explicitly encourages initiatives for starting new working groups and for merging existing ones where both partners agree that it is reasonable.

After the official part of the meeting on day one, five working groups used the opportunity to meet in the evening to discuss further steps. The working group 'sustainable sanitation for cities' meets with the 'sustainable sanitation planning' working group to analyse overlapping and to prepare the working group meeting at the Urban Water Management Conference in Paris. The working group on 'costs and economics of sustainable sanitation' decided to concentrate on cost benefit analysis mainly and will prepare a methodology for this. A meeting will perhaps be organised attached to the LatinaSan conference in November 2007 in Colombia. Also a workshop within the Worldbank Water Week 2008 was discussed. The 'capacity development working group' also discussed their terms of references, a first draft of a fact sheet and further steps. The working group on 'community sanitation' brainstormed first ideas in a small forum and will share its outcomes soon.

# 08:30 vision document 1 • joint SuSanA statement

## ► see 2<sup>nd</sup> draft of the vision paper

The joint SuSanA statement document was elaborated in order to clarify the goals and objectives of the Alliance and to communicate them to a broader public. A first draft of this statement was discussed at the 2<sup>nd</sup> SuSanA meeting in Duebendorf in April 2007. After an in-depth discussion about the controversial points (e.g. the too harsh criticism of end-of-pipe systems), the Alliance decided that the document should be revised. The elaboration of this second draft was coordinated by Roland Schertenleib and left out the controversial discussed topics as there was a pressure of time to finish the paper for making use of the opportunitiy to present the SuSanA in the scheduled UN preparatory meeting for the IYS in New York in May 2007. This new shortened draft was presented accordingly at the UN preparatory meeting and received very positive feedback also from partners within the network who criticised it formerly.

At the Stockholm conference, the SuSanA partners endorse the SuSanA statement in its actual form besides the elimination of spelling mistakes, minor changes in the wording and the addition of the logos of those organisations that are willing to be represented on this statement. In the coming weeks a small group headed by Roland Schertenleib will be in charge of finalising the document. They will include the logos and incorporate the final suggestions of amending spelling mistakes and wording that should be sent via mail to Roland Schertenleib (schertenleib@eawag.ch or info@sustainable-sanitationalliance.org). This procedure is accepted without dissenting votes. Furthermore, the need for a general SuSanA PowerPoint presentation for an introduction of the SuSanA at conferences is expressed. Such a presentation shall be developed until the next SuSanA meeting in Delhi.

In addition, the need for a second statement paper addressing controversial points that were consciously excluded in the current short SuSanA statement is discussed. Roland Schertenleib plans to develop such an extended vision document that should reformulate the controversial aspects in order to allow all partners of the alliance to endorse the document, but nevertheless express the need for a paradigm shift from end-of-pipe to reuse-oriented concepts. He offers to organise a workshop of the WSSCC working group on sustainable sanitation that he is chairing for facilitating a discussion with those players that are still critical with the ideas of the Alliance to reach finally a second and more defined document.

# 09:10 vision document 2 • sustainable pathways to attain the MDGs

#### ▶ see presentation 17

Arno Rosemarin presents the current state of the ambitious EcoSanRes document on 'sustainable pathways to attain the MDGs', which will serve as the second vision document of the SuSanA. This document reviews the present status of the sanitation targets, describing the regions that are 'on track' and those who are 'off-track' by taking into account population trends and urbanisation tendencies. It examines the methods used in working with the JMP, FAO and UN-Habitat global data and the limitation of these respective databases especially the definition of sanitation coverage that lacks any qualification regarding to functionality or quality. It introduces the concept of sustainable sanitation and the challenges in scaling it up. It than outlines a scenario on how this new approach can be put into practise on a global scale, with definitions of system and geographic boundaries, descriptions of technical options for different settings and local conditions and attempts to define critical numbers for

50% or 100% implementation, respectively. It furthermore focuses on economics in terms of capital investments, operation and maintenance and the economic benefits in terms of health, environment, robustness and social aspects. It takes into consideration the commercial value of recycling human excreta and household organics, soil carbon calculations and implications for reduction of global CO<sub>2</sub>-emissions as well as government policy and implications on business for such a scenario to be realised. The final document is about to be launched next year at the WWW in Stockholm (in August 2008).

It is seen by the group as one of the central documents that serves as a guideline, vision and strategy paper all at once and it is annotated that this document should not be a SEI/EcoSanRes publication only, but a joint SuSanA document and Arno Rosemarin should therefore organise for a process that includes more SuSanA partners. It is planned to have a lead for each chapter who will work on reaching consensus within the SuSanA network. In a discussion on the languages in which the document will be distributed, it is suggested that at least the executive summary should be produced in all 6 UN languages.

# 09:20 vision document 3 • guideline for sanitation action plans

The third planned vision statement the SuSanA wants to develop is a guideline for sanitation action plans, which should provide guidance to countries, communities and agencies and should leave a noticeable impact in practice. It is envisaged as a concrete statement on how sustainable sanitation can be implemented on a large scale, what means of finance have to be developed for its realisation and how these means can be invested in a sustainable and intelligent manner. In the earlier SuSanA-meetings this 3<sup>rd</sup> vision document has already been discussed and there is general agreement that the group does not have the mandate to elaborate a global action plan, but could develop guidelines for sustainable action plans. Regarding the further proceedings, it is suggested that this document might come up as a combination of the two other vision documents and the findings from the working group on cost and economics. The work on this document is therefore planned to start at the end of this year or early next year and should be further discussed within the next SuSanA-meeting in New Delhi.

#### 09:30 funding

#### **IFAD (Laurent Stravato)** ▶ see <u>presentation 18</u>

Laurent Stravato informs about the International Fund for Agricultural Development (IFAD) and its initiative for a sanitation related fund. IFAD is a \$ 750 million fund for the development of rural areas and is about to provide the mechanism for co-financing water and sanitation infrastructure into IFAD's rural development programmes. IFAD is aware of the potential of sustainable sanitation not only for fertilising purposes and is now exploring how to create a fund that addresses the relation between sustainable sanitation, agriculture and improving the food security situation. The funding initiative intends to focus on Sub-Saharan Africa.

#### Ashoka - World Sanitation Fund (Amanda Fox) ▶ see presentation 19

Amanda Fox presents the Ashoka project for a World Sanitation Fund. Ashoka is a global acting association that supports social entrepreneurs. The main goals related to sanitation are to identify the most effective, scalable and sustainable sanitation projects and their related financing needs, and to use innovative financing models in order to facilitate global sanitation improvement. Ashoka wants to better understand the demand for financing, how to break down the global fund to a regional level and to identify potential investment areas and replicable models. Therefore they ask for support from the group. They will most probably start with a pilot fund first.

#### World Sanitation Fund Forum (Vincent Yap) ▶ see presentation 20

Vincent Yap presents a proposal for a World Sanitation Fund Forum to be held in November 2008 in Macao. Initially Singapore was suggested as venue but according to Vincent Yap and Jack Macao would suit better as venue. Sim The fund forum is intended to serve as a global sanitation platform and marketplace in bringing together the demand (recipient countries) and supply (donors) side. It will be divided into a leaders' summit, a main conference for key decision and policy makers, a main conference for practitioners, technologists and academia as well as an exposition. The SuSanA is expected to play an important role at this conference. It is annotated that the profile of the conference could be further sharpened and the WTO should use its contacts with the sanitation business sector.

#### **WSSCC-Fund (Caroline van der Voorden)**

Caroline van der Voorden gives an update of the WSSCC fund activities. The fund would be a WHO hosted trust fund and the WSSCC is currently developing the procedures for running the fund. There will be a competitive and selective process for choosing the implementating agencies. It is planned that for each country an experienced NGO or CBO will be selected as the executing agency. The supported countries will be chosen according to several indicators (e.g. the number of unserved people, child mortality, etc.). Eight countries have been identified so far. The WSSCC is hoping to get a positive donor-reply this week and the fund should be launched by the end of the year.

# SIDA-Global Fund for Sustainable Sanitation (Anna Tufvesson)

Anna Tufvesson gives an update on SIDA's Global Sustainable Sanitation Fund. Two years ago the Swedish government made a seed grant available for the development of a global sustainable sanitation fund. At the end of the last year legal problems occurred and halted the process. SIDA still remains very interested in scaling up sustainable sanitation projects. Thus a need analysis was done by the help of consultants to find out exactly in what form financing is needed on a local level and which channels are the most appropriate to bring about sustainable sanitation. There is still a request from SIDA to SuSanA members to feed in cost and needs analysis data into SIDA's preparatory work. Next week SIDA will hold discussions with different initiatives in this regard. Anna notes that governments should not be by-passed and up-scaling at national level and linking to national strategies is crucial to reach sustainable processes within a country. She urges all SuSanA partners to make sure that there is a lot of coordination in the country and that a scattered project approach will not be sustainable in the long run, and should be avoided.

10:20 joint monitoring of the contribution of sustainable sanitation systems to the MDGs

The issue of the joint monitoring is not further discussed here. It is only mentioned that some serious amendments in the JMP have to be done and it is referred to two sessions that will discuss the topic within the Stockholm World Water Week programme.

day 2 • session 6 • chair: J. Heeb

logo, communication, events and next meeting

11:00 | logo and layout

▶ see <u>presentation 21</u>

sustainable sanitation alliance

Thilo Panzerbieter gives a brief history of the previous logo discussion and presents the four final logo suggestions. The group jointly rejects the coloured variations and decides on the grey one (see logo on the left). The logo is a modest, text-only logotype with a plain black font on a grey rectangle. It is functional, reserved in appearance and can be used in different sizes with or without the logos of the partners of the alliance.

To avoid wrong representations of partners of the Alliance it is agreed to elaborate one official logo for all SuSanA documents, publications or the website and a second version with the addition 'partner of' for the individual use of each organisation who participate in the SuSanA. The final digital logo versions will be distributed with the minutes. The joint group logo (SuSanA logo together with the logos of all partners) is intended to be applied on the joint SuSanA statement and the other two vision documents. The GTO volunteered to prepare the final layout of the group logo. Therefore, all SuSanA partners shall send the logos of their organisation in eps-format (alternatively as a tif-file) to the GTO (<a href="mailto:thilo@germantoilet.org">thilo@germantoilet.org</a>). Deadline for sending the partner logos will be October 14<sup>th</sup> 2007 in order to allow for the elaboration of the final SuSanA statement until the next meeting in New Delhi. Further inquiries regarding the right format of the logos should be sent to Thilo Panzerbieter from GTO. Since the SuSanA is a dynamic network, further organisations and their logos can be easily added at a later date. The GTO will provide the final group logo and gtz took over the responsibility to organise the further updating process.

# 11:15 knowledge management and communication

#### SuSanA website ▶ see presentation 22

Jürgen Eichholz presents the draft proposal of a website for the SuSanA with regard to content, appearance, technical and other requirements. In terms of the content the website should contain the joint SuSanA statement, the roadmap, the output of all working groups, an overview on already existing sustainable sanitation projects (joint database and case studies), a brief description of the SuSanA partners, links to important websites and literature related to sustainable sanitation, contact information, a discussion forum and intranet if necessary. The website is recommended to be neutral in appearance with a clear and simple navigation. Heart of the system will be a content management system (CMS) which makes it easy to set up and run the website and allows non-technical editors to add or update content. The IRC agrees to host and technically support the website and to take over the annual hosting costs. Furthermore, an editorial group consisting of SEI, BOKU, IRC, IEES and gtz is set up and it is agreed that a first draft of the website will be elaborated by gtz until the next SuSanA meeting in New Delhi. The link to the draft website will than be circulated for feedback.

#### **Akvo-initiative** ▶ see akvo-website

Peter van der Linde and Thomas Bjelkemann present the Akvo-initiative, an internet-based open source for water and sanitation. The term 'Akvo' itself is derived from the Esperanto word for 'water'. The idea behind is to provide free knowledge and a working platform, a collaborative community, microfinance solutions and a marketplace for the water and sanitation community. It is intended to become a user-driven and user moderated platform that combines Wikipedia, eBay and SourceForge elements and should be backed by some of the leading expert organisations in global water and sanitation development. The Akvo website will consist mainly of three major features: An online community platform for open water and sanitation information and solutions, a system to manage water and sanitation projects in the field (with feedback loops and monitoring) and a marketplace for water and sanitation solutions that also matches donors with aid seekers. The development process is still ongoing but the first prototype is already online. The two Akvo-representatives ask for support regarding content and funding by the SuSanA partners.

# Joint database ▶ see presentation 24

Sören Rüd gives an overview on the objectives and the current status of the joint database of sustainable sanitation projects. The idea is to disseminate information on sustainable sanitation projects, to make these projects 'available' for networking and display the increasing number of projects in one global map. The database shall serve as a platform for collection of good practise examples and could monitor the contribution of sustainable sanitation to the MDGs. Therefore the existing EcoSanRes global map of ecosan activities (<a href="http://www.ecosanres.org">www.ecosanres.org</a>) and the gtz-ecosan project datasheets (<a href="http://www.gtz.de/en/themen/umwelt-infrastruktur/wasser/9399.htm">http://www.gtz.de/en/themen/umwelt-infrastruktur/wasser/9399.htm</a>) shall be combined into one joint database and should be enriched with other sustainable sanitation projects. EcoSanRes and gtz elaborated an input mask template for the joint database which will be circulated with the minutes. The final database which will be put onto the SuSanA homepage is than open to inputs from all.

#### 11:45 UN preparatory meeting for the IYS 2008

## ▶ see IYS objectives

Roland Schertenleib informs the group about the SuSanA activities at the 1<sup>st</sup> UN preparatory meeting for the IYS 2008 in New York (May 7<sup>th</sup> 2007). Together with other invitees from the UN, worldbank, bilateral donors, major NGOs and other agencies, the participants from the SuSanA brought in their views and gave their input on the objectives for the IYS 2008. The SuSanA partners furthermore invited interested participants for a separate reception to discuss the SuSanA vision statement and the joint road map. For the UN-Water Seminar 'preparing a final action plan for the IYS 2008' within the upcoming Stockholm World Water Weekthe SuSanA partners discuss their appearance at this meeting and decided that a SuSanA delegation consisting of Roland Schertenleib, Gert de Bruijne, Christine Werner, Gunilla Brattberg, Jack Sim, Francois Brikke and Susanne Schmidt shall join the meeting and represent SuSanA. The delegates will meet after the official SuSanA meeting to define their strategy.

12:15	further events (in chronological order)
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date	city	event
2007/09/10-11	Paris	meeting of SuSanA working groups on 'sustainable sanitation planning' & 'sustainable sanitation for cities' (UNESCO side event)
2007/09/12-14	Paris	UNESCO-IHP-conference "new directions in urban water management"
2007/10/31- 2007/11/02	New Delhi	World Toilet Summit
2007/11/03-04	New Delhi	4 <sup>th</sup> SuSanA steering group meeting (hosted & organised by IWWA & Sulabh)
2007/11/12-16	Cali	LatinoSan (organized by WB-WSP)
2007/11/19		World Toilet Day
2007/11/26-28	Fortaleza	International conference on sustainable sanitation
2007/11/26-28	Nairobi	East Africa Regional Conference 'fast tracking sanitation in Africa' (organised by KfW & gtz)
2007/12/03-04	Beppu City	1 <sup>st</sup> Asia-Pacific Water Summit, ▶ see <u>presentation 26</u>
2007/12		WECF event on legislation for excreta reuse
2008/02/18-20	Durban	AfricaSan (organized by WB-WSP)
2008/02	Washington(?)	5 <sup>th</sup> SuSanA steering board meeting
2008/02	Washington(?)	Worldbank Water Week - cancelled
2008/06	Macao	World Sanitation Funding Conference
2008/07/07-09	Hokkaido	G8 Summit
2008/08	Stockholm	World Water Week
2008/09/07-12	Vienna	IWA congress ▶ see presentation 27
2008/09/24-26	Ouagadougou	NETSSAF final meeting
2009/03	Istanbul	5 <sup>th</sup> World Water Forum
2009/09/09-11	Oaxaca	conference of the IWA ecosan specialist group ▶ see presentation 27

# 12:30 next SuSanA meeting

The next and 4<sup>th</sup> SuSanA steering group meeting will take place in New Delhi on November 3<sup>rd</sup> and 4<sup>th</sup> 2007 just after the World Toilet Summit. The IWWA together with Sulabh will host the meeting. An invitation to the meeting will be circulated soon. The group discusses different opportunities for the 5<sup>th</sup> SuSanA steering group meeting. The first suggested option is Calcutta but it is jointly agreed that after the meeting in New Delhi the next SuSanA steering group meeting should ideally not be in India again. UNESCO-IHE then offered to hold the meeting at their headquarters in Delft/Netherlands. Furthermore, the idea of an African city as a possible host was discussed. The two suggested options for a meeting in Africa are either before or after the AfricaSan conference in Durban in February 18<sup>th</sup> to 20<sup>th</sup> 2008 or attached to the final NETSSAF meeting on September 24<sup>th</sup> to 26<sup>th</sup> 2008 in Ouagadougou. A last, more political and from most of the attendees preferred solution is a venue in Washington DC, close to the Worldbank Water Week at the end of February.

[Comment: According the recent information the Worldbank Water Week will not be held in 2008 in the traditional format . Hence, the venue for the 5<sup>th</sup> SuSanA meeting needs to be discussed again.]

12:40	next steps
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The basic essence of the discussion is that the next three months until the SuSanA meeting in New Delhi should be highly productive, as the 4<sup>th</sup> meeting is already very close to the upcoming IYS in 2008. It is seen as a good opportunity to present in New Delhi first results and deliverables of the different working groups as a contribution to the IYS and a convincing statement from the Alliance.

The detailed specifications regarding the aimed outcome of each working group, commitments of the partners, next steps and the partners of each working groups are summarised in the attached joint road-map.

#### abbreviations

African Development Bank ADB

AEE/INTEC Working Group on Renewable Energies / Institute for Sustainable Technologies (Austria)

**AWF** African Water Facility

Association for Civil Initiatives for Environmental Protection (Germany) BBU Federal Institute for Geosciences and Natural Resources (Germany) **BGR BOATA** East-African Bureau for Organisational Support and Appropriate Technologies

BOKU University of Natural Resources and Applied Life Science. Vienna

Bremen Overseas Research and Development Agency **BORDA** 

Cap-Net Capacity Building Network for Integrated Water Resource Management

CBO Community-Based Organisation Content Management System CMS

Centre for low cost Water supply and sanitation **CREPA** 

DIFU German Institute for Urban Planning

Eawag Swiss Federal Institute for Aquatic Science and Technology EcosanClub EcosanClub (Austria) Ecological Sanitation for Latin America and the Caribbean Ecosanlac

**EETP** Erdos Eco-Town Project

FAO Food and Agriculture Organization of the United Nations

**GTO** German Toilet Organization

gtz German Development Cooperation Agency Global Water Partnership (Sweden)

ĞWP

**GWP-CEE** Global Water Partnership - Central and Eastern Europe

Household-Centred Environmental Sanitation **HCES HDR Human Development Report IEES** International Ecological Engineering Society

International Fund for Agricultural Development **IFAD IRC** International Water and Sanitation Centre (Netherlands)

**IRHA** International Rainwater Harvesting Alliance

IWA International Water Association

**IWA-SG** International Water Association - Specialist Group "Resource-oriented Sanitation (ecosan)"

IWMI International Water Management Institute

Indian Water Works Association **IWWA** International Year of Sanitation IYS **JMP** Joint Monitoring Programme JWF Japan Water Forum KfW German Development Bank

Euro-Mediterranean Regional Water Programme for Local Water Management Meda-Water

**NETSSAF** Network for Development of Sustainable Approaches for Large-scale Implementation of Sanitation in Africa

**PUVeP** Peri-Urban Vegetable Project (Philippines)

**RUAF** Resource Centre on Urban Agriculture and Food Security

Sandec Department of Water Supply and Sanitation in Developing Countries

**SCRI** Sustainable Cities Research Institute

Swiss Development Agency SDC

Society Economy Ecology Consulting (Switzerland) seecon

SEI Stockholm Environmental Institute

SIAAP Syndicat Interdepartemental pour l'Assainissement de Agglomeration Parisienne

SIDA Swedish International Development Agency Swedish International Water Institute SIWI

SKAT Swiss Resource Centre and Consultancies for Development

Swedish University of Agricultural Science SLU Society for Urban Development in East Africa **SUDEA** 

Sulabh International Social Service Organisation - Indian-based Sanitation Company

SuSanA Sustainable Sanitation Alliance

**SWITCH** Sustainable Urban Water Management (EU-funded 5 year programme)

TTZ Technology Transfer Centre Bremerhaven (Germany) **TUHH** Technical University Hamburg-Harburg (Germany)

**UBS** Union Bank of Switzerland AG UMB Norwegian University of Life Sciences **UNDP** United Nations Development Programme

**UNESCO-IHE** United Nations Educational, Scientific and Cultural Organisation - Institute for Water Education

United Nations Children's Fund UNICEF United Nations Human Settlement Programme **UN-Habitat** 

University of Delft (Netherlands) Uni-Delft

Albert Ludwigs Universität, Freiburg (Germany) Uni-Freiburg

Uni-Hohenheim Universität Hohenheim (Germany) UN-Secretary Generals Advisory Board on Water and Sanitation **UNSGAB** Waste Advisers on Urban Environment and Development (Netherlands)

Women in Europe for a Common Future WECF

World Health Organisation WHO

WB-WSP Worldbank - Water and Sanitation Programme

WSSCC Water Supply and Sanitation Collaborative Council (Switzerland)

WTO World Toilet Organization (Singapore)

WTS World Toilet Summit

**WUR** Wageningen University and Research Centre

WWW Stockholm World Water Week