

YOUR NEWSLETTER - LINKING YOU 4 TIMES A YEAR WITH YOUR COLLEAGUES AND THE SECTOR

## BREAKING NEWS

### Launch of the ISO 14046 water footprint life cycle assessment standard: towards a consistent assessment of water related impacts

The International Standards Organisation (ISO), based in Geneva, Switzerland, just released the new ISO 14046:2014 standard, which covers the principles, guidelines and requirements to assess a water footprint of a company, a product or a service and is aligned with existing ISO Life Cycle Assessment standards (ISO 14040:2006 and 14044:2006). SDC has been actively participating to its creation. Water is certainly rising to the top of companies' sustainability agendas because of the related risks and opportunities that affect their supply chains and operations. A good water stewardship strategy is reliant on a good water footprint assessment to guide companies towards meaningful actions.

For additional information and how pilot projects can be submitted, please contact [Eileen Hofstetter](#)  
[Press release to be presented at WWW on September 1st](#)



José Alcorita, Panama 2014

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## First Water Benefit Certificates will be issued at Stockholm World Water Week

Since 2011, SDC, The Gold Standard Foundation (GSF), First Climate (FC) and more than twenty Water Benefit Partners (blue chip corporates, public institutions, NGOs, scientific organisations) have developed an innovative financing mechanism to support additional water projects in regions particularly affected by water related problems – the Water Benefit Standard (WBS). The WBS will channel investment into water projects through the certification and sale of a project's water benefits through 'Water Benefit Certificates'. These 'Certificates' represent a volume of water sustainably supplied, purified and/or conserved. One of the first projects to be certified, and to receive Water Benefit Certificates, is an agricultural project in India focused on improving water efficiency in the planting of sugar cane. The revenue generated by the sale of Water Benefit Certificates will allow the on-going maintenance of the farms and the conversion of many more to this practice. Other WBS pilot projects currently underway include water access, hygiene and sanitation programmes in rural Uganda, Mongolia and India.

For additional information please visit [water benefit partners](#) and [Goldstandard](#)

Contact: [Eileen Hofstetter](#)



## Water and sanitation figures prominently in the OWG proposal for SDGs

On July 19<sup>th</sup>, the Open Working Group (OWG) adopted a proposal for Sustainable Development Goals (SDGs) to be forwarded to the 69<sup>th</sup> session of the UN General Assembly for its consideration. The proposal contains 17 SDGs, each with its set of targets and means on implementation. It is the fruit of nearly 18 months of discussion on the Post-2015 agenda. Water figures prominently as one of the dedicated SDGs, aiming to "Ensure availability and sustainable management of water and sanitation for all" (goal N° 6) and is also mainstreamed in other goals of the agenda. This final result is very much aligned with the water vision that Switzerland has been actively promoting in the debates through collective advocacy efforts. Whatever the course of the future inter-governmental negotiations on the whole agenda will be next year, it is important to recognize that the consensus on water and sanitation is very broad and the support to the goal on water and sanitation is strong and consistent throughout the regions and the groups of countries. Therefore this report reflects in a representative manner the challenges of the global water agenda and will guide and influence the future work of all of us both at the national and international levels.

For further information:

- [Final proposal on SDGs approved by OWG, 19<sup>th</sup> July 2014](#)
- Contact [Manuel Thurnhofer](#)

## HEADQUARTER ACTIVITIES

### Access to safe water in schools: Antenna Technologies' (AT) safe water program supported by SDC

The safe water program has allowed the development of a comprehensive methodology for school intervention in Haiti, Kenya, Bolivia and Nepal. After 6 years of experience, the programme in Nepal has shown high impacts on pupil's safe water and hygiene awareness, where pupils are able to produce non stabilized chlorine to disinfect school water tanks and latrines but also promote safe water in their community. Recently, AT's partners in Bangladesh (Caritas) and India (DA TARA) have shown interest in replicating these school activities. The first discussion started at the recent GLOBE Learning Expeditions hold in New Delhi early August 2014, exchanging on best practices and future collaborations. DA TARA and Caritas are now thinking of developing a safe water program in respectively 200 and 100 schools.

Contact: [Carole de Bazignan](#) et/ou [Fanny Boulloud](#) (Programme in Asia)

Links:

- [School program](#) and [watasol Nepal](#)



- [Safe water manual](#)
- [Globe learning expeditions](#)

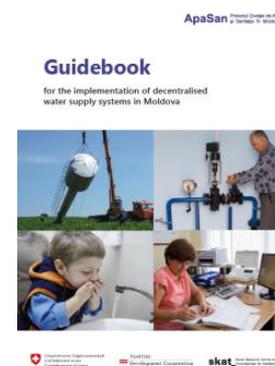
## IN-COUNTRY ACTIVITIES

### ApaSan project publishes guidebook on decentralized and community managed rural water supply

In 10 years of successful cooperation between Switzerland and Moldova, rural communities in Moldova have been supported with the construction of decentralised water supply systems. These new water supply systems use springs located close to the villages and distribute the water through a pipe network to the households of the community. The systems are managed by community based organisations. Such decentralised and community managed water supply systems have proven to be very successful in providing sustainable water supply for rural communities. This approach therefore merits wider application throughout rural Moldova. The aim of the guidebook is to make this experience available, with the hope that it is used to implement more systems that provide better and lasting water supply services for the rural population in Moldova.

Download the guidebook [here](#)

For further information, please contact [Florian Klingel](#)



### 15 years of Swiss cooperation for water in Kosovo

As the lead donor in the water sector in Kosovo, Switzerland has inaugurated, on June 20th 2014, a water supply project in Gjilan/Gnjilane. This marked 15 years of Swiss support for the water supply in Kosovo. Since 1999, Switzerland has financed 22 water projects for a total of 45 million Swiss Francs which has contributed to percentage of the total population being supplied with water to rise from 44% to 76%.

For further information, see

- [Press release](#)
- [Water Project video](#) and [stories](#)

For additional information, please contact: [Merita Stavileci](#)



### Water and sanitation projects staff from Moldova and Ukraine visited the Swiss projects in Central Asia

The Sub-RésEau Central Asia is striving to exchange the valuable experience of SDC water supply and sanitation projects in the Community of Independent States (CIS) countries. Since the regulatory and partially the institutional contexts are similar, it was decided to organise a practical conference, in form of a study tour, in Uzbekistan and Tajikistan for Moldovan (ApaSan) and Ukrainian (DesPro) project partners. During one week in May, the 18 participants visited the project sites in the Fergana Valley, both in Uzbekistan and Tajikistan, and there was exchange with the Drinking Water Organisations and project implementers on how to improve the Swiss approach. A special focus was given to Sanitation and Hygiene, Financing mechanisms and Governance.

For further information please contact: [Thierry Umbeh](#)



## Uzbek water key managers visiting irrigation and water management in France

As part of the Rural Enterprise Support Project II, SDC invited an Uzbek delegation composed of 13 key staff from the Parliament and ministries of Finance, Economy, Foreign Affairs, Agriculture and Water Resources, EC-IFAS and governmental project units, to the Languedoc-Roussillon region in Southern France. During this week, the participants gain a clear understanding of the variability of the institutional arrangements and their concrete applications at the example of the water and irrigation management system. Meetings and technical field visits at all involved levels, from the farmer to the Ministry, including water user associations and irrigation network operators allowed to exchange and suggest adapted IWRM approaches to be undertaken in Uzbekistan.

For further information please contact: [Thierry Umbehr](#)



## Uzbekistan rural water supply and sanitation project enters in its fourth phase

In May, the Governments of Uzbekistan and Switzerland signed the agreement for the 4<sup>th</sup> phase of the project. During this phase, the model of community based water management will be extended to the entire Uzbek Fergana Valley and scaled up to a potential 200 new villages in the Syrdarya province. The project is striving to facilitate a country-wide application by respective national institutions and will strengthen national capacities to support further dissemination of the model. The project phase is budgeted at 5.75 million Swiss Francs and is implemented by the International Secretariat for Water (ISW) till the end of 2016.

For further information please contact: [Thierry Umbehr](#)



## Risk reduction approach: scaled up from Nicaragua to Haiti

Nicaragua's progress on Risk Reduction in Water and Sanitation is inspiring new actions in Haiti. A joint mission from the Caribbean country has visited Nicaragua recently to know in detail how this Central America country has developed its tools and improved its capacities to integrate the Risk Reduction Approach in the water and sanitation, and other sectors. The representatives of national Haitian authorities, multilateral agencies and the SDC's Risk Reduction programme in Haiti have taken notes about the Nicaragua's experience and have received samples of the tools that Nicaraguan technicians are implementing along the WASH project cycle. Eventually Haiti is going to use this information to develop his own tools and improve its capacities to reduce the impact of natural disasters.

For further information please visit: [www.aguasan.org](http://www.aguasan.org) or contact: [Carmen Pong](#)



## News from Suizagua Andina

An international Seminar "Water Footprint, an opportunity to create shared value" was held in Lima in May. CEOs of Suizagua Andina's partner companies in Peru (Camposol, Duke Energy, Mexichem Pavco, Nestlé Peru and Unacem), representatives of partner companies of Suizagua Andina Chile and Suizagua Colombia shared their advances on the Suizagua project and their vision on how measuring the water footprint of their companies can add value to their sustainable performance. Representatives of the Peruvian Government, Business Associations, the Academy and the Civil Society also participated. Positive impacts are being perceived, mainly from the private sector where more companies are interested in measuring and reducing their water footprint. For additional information contact: [Cesarina Quintana](#)

## Suizagua Andina TV broadcast and new website

Suizagua Peru's TV broadcast was launched in the official TV channel of the Peruvian Government. You can access the broadcast here: [Suizagua broadcast](#). Suizagua Andina Peru has developed a website to share information of the project activities in Peru and Chile and knowledge products. Two sub-portals have been included for other SDC's projects on Water Footprint - such as Colombia and Vietnam. Visit [www.suizagua.org](http://www.suizagua.org) and be part of SDC's water footprint community of practice!

For additional information please contact: [Cesarina Quintana](#)

## "Water Footprint: progress, challenges and opportunities", Lima Peru

The conference was hosted by WWF, the Peruvian National Water Authority and SDC under the framework of the 1<sup>st</sup> National Report on Water Footprint study. This event created opportunities for dialogue and knowledge exchange with the following objectives:

- contribute to the development of a better Peruvian Water Footprint report, and its possible uses for public policies;
- showcase water footprint as an indicator to contribute to city dwellers' easy valuation of water; and
- showcase the importance of water footprints to motivate companies to produce in a water management responsible way through customer pressure.

For additional information please contact: [Cesarina Quintana](#)

## CURRENT TOPICS

### Faecal sludge to energy: FaME and SEEK research project, Sandec/Eawag

The FaME (Faecal Management Enterprises) project demonstrated that depending on the market environment, industries in urban Sub-Saharan Africa are in need of solid fuels to meet their energy requirements. FaME research demonstrated that drying beds can turn faecal sludge from onsite sanitation technologies into a dried fuel with a calorific value comparable to biofuels used by industries. Pilot-scale kilns in Kampala and Dakar fuelled with dried faecal sludge met industries temperature requirements for brick production and waste oil regeneration. Research on faecal sludge to energy will continue as part of the upcoming SEEK project (Sludge to Energy Enterprises in Kampala), investigating co-processing of faecal sludge with other urban waste streams to produce fuel pellets and electricity. The Findings of the FaME calorific value, market demand and pilot kiln study are available on [www.sandec.ch/fame](http://www.sandec.ch/fame).

For additional information, please contact: [Moritz Gold](#)



### Business model development for entrepreneurs and trainers in resource recovery and safe reuse

To support the empowerment of the private and public sector in India, Peru, Uganda and Vietnam, cewas (the international centre for water management services) offers business model development training for entrepreneurs and trainers in: Bangalore, Lima, Kampala and Hanoi. This is through the SDC-funded collaborative Resource Recovery and Safe Reuse (RRR) Project. The training courses are designed for entrepreneurs and trainers who wish to expand their proficiency in promising business models for the safe resource recovery from liquid and solid waste. This helps promoting food and energy security, cost recovery in the water, sanitation and resource management sector, and livelihood opportunities, while safeguarding human and environmental health in urban and peri-urban areas.



Additional information can be found on the [cewas website](#), in the [recent RRR calls](#) (Lima, Kampala and Hanoi) or by contacting directly [Martin Wafler](#)

### **Eight water and sanitation SMEs in Zambia embarked on integrity change progress**

cewas and WIN carried out a two-day Integrity Management Workshop on July 3rd and 4th 2014 in Lusaka, with the participation of eight SMEs working on water and sanitation in Zambia. The workshop gave participants the opportunity to discuss integrity issues in their day-to-day work environment. With the help of the Integrity Management Toolbox for Zambian SMEs, participants were able to identify their main integrity risks, choose appropriate integrity instruments and draft a road map to initiate an Integrity Change Process to improve their business models.

Read more: [cewas water integrity management](#) or contact [Tandiwe Erlmann](#)



### **The second cewas smart start-up program started in Zambia**

On July 1st 2014 cewas started the second Smart Start-Up Program in Zambia with the participation of 36 would-be entrepreneurs. The aim was to support participants to establish their own business or expand their portfolio to widen and include products and services in the field of Sustainable Sanitation and Water Management. The 1-day workshop, organised thanks to the support of WASAZA, GIZ and the Swiss Charity Organisation "Kriens hilft Menschen in Not", allowed participants to present their business ideas, which will be further developed in August and October, when the second and third modules will take place.

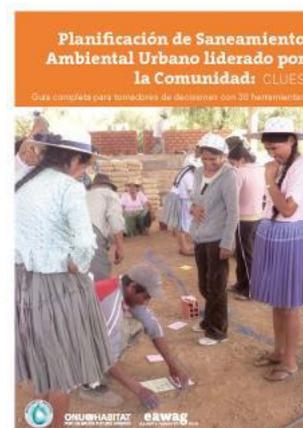
Read more: <http://www.cewas.org/projects/business-development-africa-cewas-lusaka>

## **KNOWLEDGE PRODUCTS**

### **CLUES now also in Spanish**

Eawag-Sandec's *Community-Led Urban Environmental Sanitation* (CLUES) planning guidelines have been translated into Spanish under the title "Planificación de Saneamiento Ambiental Urbano Liderado por la Comunidad", in collaboration with UN-Habitat Latin America. It can be downloaded at [www.sandec.ch/clues\\_es](http://www.sandec.ch/clues_es), as well as information about the CLUES Training Workshop. The CLUES approach presents comprehensive guidelines for the planning and implementation of sanitation infrastructure and services in urban, peri-urban and rural neighbourhoods and communities. It emphasises the participation of all stakeholders from an early stage in the planning process and focuses on the enabling environment necessary for sustainable outcomes.

For further information, please contact [Philippe Reymond](#)



### **First book dedicated to Faecal Sludge Management in low and middle income countries**

Over a billion people in urban and peri-urban areas of Africa, Asia, and Latin America are served by **onsite sanitation technologies**. Until now, the management of faecal sludge resulting from these onsite technologies has been grossly neglected. The appropriate and adequate management of faecal sludge deriving from onsite technologies is imperative for the protection of human and environmental health. The book addresses the planning and organization of the entire faecal sludge management service chain, from the collection and transport of sludge and treatment options, to the final end use or disposal of



treated sludge.

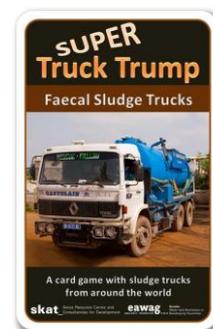
The Faecal Sludge Management book can be downloaded at [sandec library](#) or also be ordered as a hard-copy at: [iwa publishing](#)

### Play with faecal sludge trucks!

The management of faecal sludge from onsite sanitation systems in low and middle-income countries is a serious but often still neglected sanitation issue. Skat Foundation has now produced a Top Trumps card game with 32 fascinating sludge trucks from around the world to cast a positive light on the emptying business and to inform in a professional way but with a twinge of humour.

The card game can be used as a give-away for conferences, meetings with decision makers and practitioners in the field.

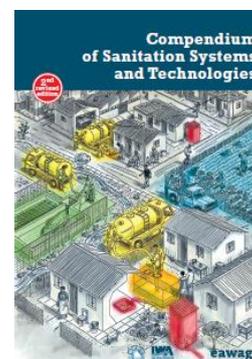
Order here for (shipping costs only are charged): [skat publication](#)



### Revised “Compendium of sanitation systems and technologies”

This second, revised edition of the Compendium presents a huge range of information on sanitation systems and technologies in one volume. By ordering and structuring tried and tested technologies into one concise document, the reader is provided with a useful planning tool for making more informed decisions.

- Part 1 describes different system configurations for a variety of contexts.
- Part 2 consists of 57 different technology information sheets, which describe the main advantages, disadvantages, applications and the appropriateness of the technologies required to build a comprehensive sanitation system. Each technology information sheet is complemented by a descriptive illustration.



The Compendium can be downloaded for free in a high or low-resolution format at [eawag publication](#) (French, Spanish and Nepali versions of the 1<sup>st</sup> edition are still available as well). Contact [Elizabeth Tilley](#).

### On farm treatment options for wastewater, greywater and faecal sludge IWMI

This paper focuses on the on-farm treatment of waste water, particularly in West Africa, and argues that while although it can hardly replace conventional treatment, it can contribute to risk reduction, especially if combined with other barriers such as safe irrigation practices and post-harvest crop washing. It was developed by IWMI in the frame of the SDC GPWIs co-financed project on Resource Recovery and Reuse.

Download the publication [here](#).



## CALENDAR

### Swiss Water Partnership at WWW Stockholm

August 31- September 5, 2014

SWP will be present at the World Water Week through a seminar untitled “tackling trade-offs between water and energy across sectors and scales” ([seminar flyer](#)), the joint organization of a Swiss reception with SDC and the Swiss Embassy in Stockholm as well as various activities on the SWP booth ([SWP booth program](#)). Please note that the new ISO water footprint standard will be presented on September 1 on SWP booth at 5pm by the SDC and Quantis. For further information, please contact the [SWP secretariat](#).

**Suizagua Andina at WWW Stockholm****August 31, 2014**

Co convened by WFN, WWF and SDC, the event will explore, through practical examples, how Water Footprint Assessment (WFA) is being used to investigate the conflicts, trade-offs and synergies between water uses within specific river basins. Insights from the Suizagua public-private initiative in Latin America will be shared.

For further information, please check the [world water week program](#) or contact [Carla Toranzo](#)

**Seminar RRR at WWW Stockholm****September 2, 2014**

Convened by GIZ, SDC, IWMI and WHO with various co-conveners (including Eawag/Sandec, Swiss TPH, ETHZ and cewas), this seminar, untitled "Sanitation Business Models for Safe Resource Recovery and Re-use (RRR)" will provoke discussion on exploiting the sanitation value chain and understanding how the benefits and costs are perceived and accounted for throughout the value chain.

Check the [world water week program](#)

**EAWAG SANDEC MOOC****October 13 - November 16, 2014**

Sandec/Eawag and EPFL's second MOOC (massive open online course) in the series on "WASH in developing countries" will take place this fall. This course will enable you to learn more about how to plan urban sanitation at the city and local/community levels, how to work with different sanitation system and technology configurations, and will give examples of successful and failed urban sanitation systems in low- and middle-income countries.

To find out more about the upcoming course and to register, see: [www.coursera.org/course/sanitation](http://www.coursera.org/course/sanitation)

**Sustainable sanitation exchange 2014****October 13 - December 14, 2014**

This year's SuSanEx is scheduled to take place from 13<sup>th</sup> October to 14<sup>th</sup> December 2014. The programme is organised for and facilitated between 80 students of the UNESCO associated Kantonsschule am Burggraben (KSBG), Switzerland, and the Khutlo-Tharo Secondary School (KTS), South Africa; the programme is facilitated by the Swiss Toilet Organisation (STO) in cooperation with the ICRD Group Foundation, South Africa, and seecon international gmbh, Switzerland. The main goal of the virtual exchange programme SuSanEx is to increase awareness of the importance of sustainable water supply and sanitation solutions among students aged 16 – 17 (Grade 10<sup>th</sup> or 11<sup>th</sup>).

- Webpage: [susanex](#)
- Documents: [Concept note SuSanEx2014](#)

For additional information, please contact: [Karla Schlie](#), [lucky](#) or [Martin Wafler](#)

**ABOUT**

"SDC Water News" is the electronic news bulletin of SDC's Global Programme Water Initiatives sent out to Swiss international cooperation people who are loosely organised in the water network "Réseau".

Réseau aims at assuring the sector knowledge management within SDC and with its partners. It's anchored in the Global Programme Water Initiatives and the network's focal point is Manuel Thurnhofer.

"SDC Water News" lives through interaction and active involvement and you are invited to send – at any time – your contributions, feedbacks, as well as subscription issues to the editor. The news team is grateful for any input received.

[SDC's Global Programme Water Initiatives](#)

[Réseau Shareweb](#)

[SDC Water News Archive](#)

RésEAU Focal Point: [Manuel Thurnhofer](#)

Editorial team: [Manuel Thurnhofer](#), [François Münger](#), [Christian Eggs](#),  
[Johan Gély](#), [Chris Morger](#), [Roger Schmid](#), [Anne Sophie Aublet](#) and various  
contributing collaborators from abroad.

Send articles and comments to [Anne Sophie Aublet](#)



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