



# Member Organisations

Presentation

# Swiss Water Partnership

## Building cross sector dialogue and cooperation

The Swiss Water Partnership (SWP) is an independent, value-based platform that brings together member organisations from the Swiss academic, civil society, public and private spheres. SWP builds on the understanding that stakeholders from all sectors must work together in order to find innovative solutions to address water challenges in developing and transition countries, and in countries in emergency situations. We are aware of Switzerland's privileged hydrological situation and our responsibility to support others in achieving water security for their population and aquatic ecosystems. Therefore the shared values of our platform are solidarity and integrity.

### Overall goal

The platform aims to harness Swiss capacities in all these spheres and to contribute to the broader international water dialogue.

The SWP brings together Swiss knowhow and expertise in order to promote:

- Sustainable and equitable use of water resources.
- Sustainable provision of universal access to drinking water and sanitation.
- Sustainable and equitable management of ecosystems, including water, food and energy production aspects.
- Mitigation and adaptation to prevent natural hazards in the water sector.

SWP activities are guided by the principles of 1) non partisan, 2) evidence based and 3) information transparent working.

### Main Objectives

- **A dynamic learning platform:** SWP allows its members to meet, exchange information and share knowledge.
- **A strong Swiss voice:** The Swiss knowhow, research on water and solutions are widely recognised at international level.
- **Water dialogues:** SWP members contribute to shaping water policies and are involved in crosscutting

## SWP Services: becoming the Swiss Water Hub

- Information exchange, networking and knowledge sharing
- Development of new cross sector partnerships
- Access to information / broker
- Promotion of Swiss expertise internationally
- Enhancing dialogue on global water policy issues
- Development of Swiss common positions dialogues.

## Swiss Water Knowhow and Expertise

Switzerland is known as the water tower of Europe and benefits from water in sufficient quantity and high quality. However, due to its high external water footprint of approximately 82%, the country has the responsibility to contribute to water security at the global level. It has great potential for this contribution thanks to its knowhow and culture of solidarity.

**The SWP endorses this reality and has the vision to be a globally recognised branding of high quality solutions for water security by 2017.**

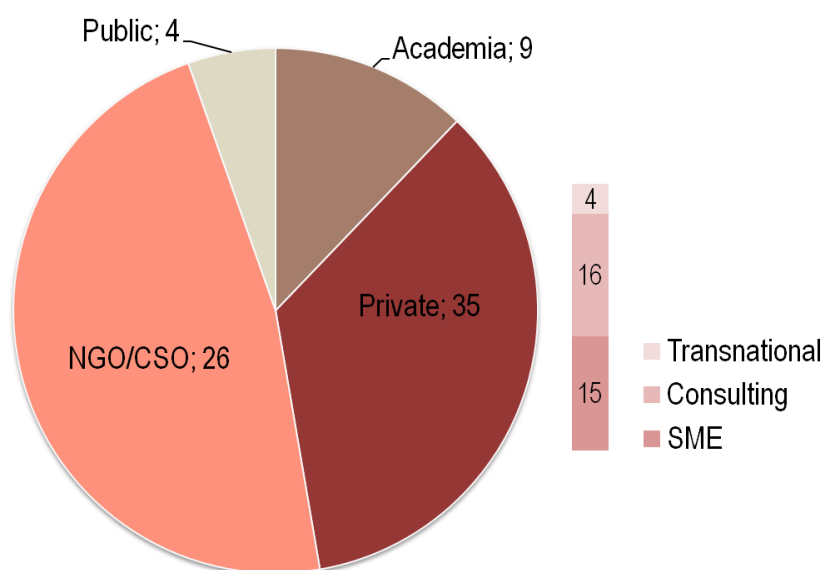
Different thematic areas contribute to the achievement of water security as UN-Water has defined it and within these areas, our members have developed specific knowhow and expertise. See some examples below:

- **Integrated Water Resources Management:** supporting water allocation mechanisms, payment for environmental services, dialogue on transboundary waters
- **Climate change:** understanding effects of climate change (research) and ways for prevention and mitigation
- **Water, food, energy nexus:** enhancing water & waste reuse/recycling and cross sector collaboration
- **Sustainable and effective water usage:** developing innovative technologies, promoting management of decentralized systems, enhancing behaviour change
- **Water stewardship:** triggering and supporting stakeholder engagement
- **Water economics:** supporting financial sustainability of water services (including defining roles of public and private sectors, financing/subsidy mechanisms)
- **Water policy and governance:** supporting standard setting with a human right perspective
- **Education:** supporting capacity development of local stakeholders on site or by e-learning

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# AF Consult

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Private Consulting Company

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## **Geographic focus:**

- Switzerland
- East Europe
- West Europe
- South America
- Central America
- East Africa
- West Africa
- North Africa and Middle East
- South Africa
- South Asia
- Southeast Asia

## **Key documents:**

AF-Consult Switzerland is a leading Swiss engineering company with an extensive service portfolio in all areas of energy and environmental technology and has a permanent work force of about 220 professional engineers and technicians. Our first priority is to provide first-rate engineering services in all fields of energy and environmental technology to secure our customers' market success. Clients of AF-Consult Switzerland are traditionally government departments, public authorities, utilities and industry and increasingly the independent power production community, including banks, developers, suppliers and contractors.

## **Thematic expertise:**

Integrated Water Resources Management

- Watershed & land management
- National/transboundary watershed management
- Data collection and modelling (GIS, hydrology, etc.)
- Water policy (processes at international & national levels)

Water for people

- Legal and regulatory framework
- Rural/ semi-urban water supply and sanitation
- Urban water supply and sanitation
- Water technologies (water supply and treatment)
- Sanitation technologies

Water for other uses

- Water for energy (hydroelectric techniques, management and financing, water food energy nexus)

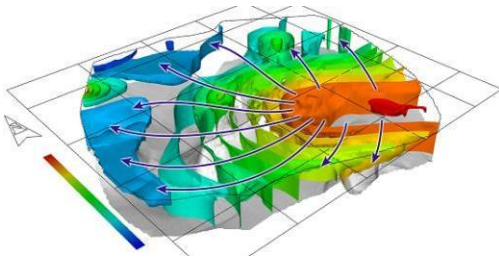
Water for nature

- Aquatic Ecosystems
- Environmental Impact Assessment
- DRR (flood management/ drought)

Water and climate change

- Modelling; Adaptation, Mitigation

## Groundwater Protection and Waste Disposal



The activities of the Groundwater Protection and Waste Disposal Department revolve mainly around flow and transport processes in geological formations. Most services offered by the department are related to geo-scientific investigations either of groundwater as a resource worthy of protection, of groundwater as a source of risk for underground facilities, or of groundwater as a transport agent for contaminants. [Read more](#)

## Hydro Power



The increasing need for clean energy through the greater use of hydropower is today a sociopolitical necessity. In the sector of new power stations, we provide services such as comprehensive site investigations, environmental compatibility studies, energy studies, minimum stream-flow studies, licensing applications, project planning, feasibility studies, tender design and tender documents, construction design and supervision to ensure high-quality construction, the use of up-to-date electro-mechanical equipment and components, and innovative design of small-scale hydropower stations. [Read more](#)

# Alliance Sud

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NGO/CSO/Foundation

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**Geographic focus:**

- Oceania

**Key documents:**

Access to water and sanitation is a human right which needs to be secured by guaranteeing that water is a public good. Together with partner organisations in the South and in the North Alliance Sud advocates against the privatisation of water access and public private partnerships in the water sector. Alliance Sud - Swiss Alliance of Development Organisations - is the common platform for development policy by the six leading Swiss development organisations: Swissaid, Catholic Lenten Fund, Bread for all, Helvetas, Caritas and Interchurch Aid.

**Thematic expertise:**

Integrated Water Resources Management

- Water policy (processes at international & national levels)





# Antenna Technologies

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**Geographic focus:**

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- Central America
- East Africa
- West Africa
- South Africa
- Central Asia
- South Asia
- Southeast Asia

**Key documents:**

Antenna Technologies research and disseminate technologies which are appropriate to the basic needs of the most vulnerable communities. We are registered as a Swiss charitable foundation. We enable the poorest to access simple, low-cost innovations for improving their quality of life, involving communities in their health care. Our goals - To overcome the problems of health, in line with the principles of sustainable development and social justice - To participate in the socio-economic progress of affected regions by enabling sustainable economic development models rooted in local resources - Empowering local communities and enable them to take their due place in sustainable economic models.

**Thematic expertise:**

Integrated Water Resources Management

- Water policy (processes at international & national levels)

Water for people

- Rural/ semi-urban water supply and sanitation
- Urban water supply and sanitation
- Water technologies (water supply and treatment)
- Hygiene promotion and behavior changes
- Financing

## Safe Water School



With support from the Swiss Agency for Development and Cooperation (SDC) and the Symphasis Foundation, Antenna has been working with the Swiss Federal Institute of Aquatic Science and Technology (EAWAG) to promote hygiene and water treatment in schools that lack clean water. The Safe Water School project covers 30 schools in Kenya, 40 in Bolivia and 35 in Haiti. Impact: 55,063 beneficiaries. Schools are the ideal entry points for raising awareness and encouraging good hygiene practices. This project includes: Educating pupils about water and health, good hygiene practices, sanitation and water treatment options; Training in two water treatment methods: chlorination using mini-WATA equipment; and solar water disinfection (SODIS); Installation of water treatment points in schools; Suitable teaching materials and manuals developed by Antenna and its partners as a means of complementing the work done by hygiene committees. [Read more](#)

## Scaling up Safe Water in South Asia: large-scale dissemination of water treatment methods



With support from the Swiss Agency for Development and Cooperation (SDC), Caritas and the ProVictimis Foundation, Antenna launched a set of pilot programmes in Nepal, Bangladesh and India in 2010. The objective was to develop viable economic models around water treatment methods such as chlorination using WATA equipment. Impact: 263,614 beneficiaries. Two projects carried out by the social enterprises Springhealth (in India) and Hydrologics (in Cambodia) were included in the Scaling up Safe Water pilot programme in 2012. They show strong potential for large-scale dissemination. Moreover, the strategy and perspective that are being applied by the private sector have brought knowledge and valuable experience into the group of partners. [Read more](#)



# Aquasis Solutions

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NGO/CSO/Foundation

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**Geographic focus:**

- Switzerland
- North Africa and Middle East

**Key documents:**

Aquasis Solutions is a non-profit organisation that helps companies, governments and local communities to protect, conserve and equitably share water resources in a sustainable way.

We work with companies purchasing raw materials in water-stressed countries to help them understand and mitigate the impact of water on their supply chains and profits as well as increase their focus on access to water and sanitation in the communities where they operate.

**Thematic expertise:****Integrated Water Resources Management**

- Our approach when implementing projects on the ground is based on participatory development, integrated resource management and innovation. We start our projects from scratch, manage them from beginning to end, perform the follow-up, and find mechanisms to guarantee their self-sustainability. Furthermore, thanks to our broad range of partners in Europe, Latin America, Africa and Asia, we are able to implement environmental projects and find co-financing partners, usually in the form of public-private partnerships

**Water for people**

- At present, the human species is depleting and destroying its water and land resources with little idea of the consequences. However, it is possible to bridge the gap between theory and action and create a path towards another future. We are currently demonstrating, in the field, concrete and tangible examples of this bridge. Conflicts can be avoided and collaborations initiated between businesses, NGOs and local communities, even on controversial issues like water scarcity, one of the top global risks facing humanity in the 21st century. We believe that land and ecosystems are bond to water. Hence, our work derives from a water nexus vision that water is intimately connected to all aspects of economic development in society.

**Water for nature**

- Water-related risks are serious issues that links together food, energy, climate and human security. To be a part of solution and assure its long term procurement and availability, governments and companies need to act in a proactive manner: Promote the sustainable and equitable use of water within the environment and communities where company's activities are located. By assessing the water dependencies of operations and supply chain.
- Innovate, as they might need to consider new techniques and projects to tackle water scarcity in the future.
- Address current/future legislative risk or regulations on water use and management.
- Contribute to corporate social responsibility to respond to stakeholders and external pressures.

#### Water and climate change

- Water-related risks are serious issues that links together food, energy, climate and human security. To be a part of solution and assure its long term procurement and availability, governments and companies need to act in a proactive manner: Promote the sustainable and equitable use of water within the environment and communities where company's activities are located. By assessing the water dependencies of operations and supply chain.
- Innovate, as they might need to consider new techniques and projects to tackle water scarcity in the future.
- Address current/future legislative risk or regulations on water use and management.
- Contribute to corporate social responsibility to respond to stakeholders and external pressures.

# Autark Engineering

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**Geographic focus:**

- Switzerland
- North Africa and Middle East
- Central Asia

**Key documents:**

Autark Engineering AG provides engineering consultancy for reuse oriented wastewater management world-wide. Focussing on ecological engineering principals, Autark Engineering AG is specialized on decentralized wastewater treatment and reuse systems for urban development.

**Thematic expertise:**

Water for people

- Urban water supply and sanitation
- Sanitation technologies

Water for other uses

- Water for energy (hydroelectric techniques, management and financing, water food energy nexus)

### **AD+ for Office Tower in Mumbai**



Decentralized wastewater treatment and reuse plant for new office tower in Mumbai.

### **Stöckacker Süd, Bern**



Decentralized wastewater treatment system for new eco-friendly settlement in the capital of Switzerland.

## Brugger and Partners Ltd. BHP

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### Geographic focus:

- Switzerland
- East Europe
- South Asia

### Key documents:

BHP Brugger and Partners Ltd. is a Zurich based consulting company with 22 employees. We support national and international clients from the private and the public sector as well as NPOs and universities in developing tailor-made strategies and in implementing sustainable business practices, products and services.

### Thematic expertise:

Integrated Water Resources Management

- Watershed & land management (basin/local level, participatory/multi-stakeholder planning)
- Water policy (processes at international & national levels)

Water for people

- Legal and regulatory framework
- Human right to water and sanitation (include water quality, equity, accountability, etc.)
- Financing

Water for other uses

- Corporate risks and opportunities (including water footprint, waterstewardship)



## solidariteau suisse



Solidariteau suisse is an initiative of the Swiss Agency for Development and Cooperation (SDC), the Aguasan Group and Swiss aid organizations. This initiative enables local authorities and water providers to support a drinking water project in a developing country in an efficient and transparent manner. The initiative is based on Switzerland's contribution to the achievement of Millennium Development Goal No. 7 to halve the proportion of people in rural and urban areas without sustainable access to safe drinking water and basic sanitation. The vision of solidariteau suisse is that every local authority and water provider in Switzerland will become a solidariteau suisse community (support with 0.01 Swiss francs per cubic meter of drinking water consumed). [Read more](#)

## The International ReSource Award for Sustainable Watershed Management

The International ReSource Award for Sustainable Watershed Management is an internationally recognised prize acknowledging leadership in the implementation of the principles of sustainability in watershed management. Every year US\$150,000 is awarded by an international jury to either one, or across several, projects. The award is a result of Swiss Re Foundation's commitment to water protection projects in the face of a grave need for sustainable access to clean water supplies in developing and emerging countries. [Read more](#)



# Cap Santé Foundation

**Stakeholder's Category:**

NGO/CSO/Foundation

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**Geographic focus:**

- Switzerland

**Key documents:**

The Cap Santé Foundation has been active for more than ten years, contributing to information and public education on the themes of water and health. Founding members include the municipalities of Port-Valais, St-Gingolph, Vouvry, the Region and the State of Valais. The foundation proposes several exhibitions: Water in Valais (French and German) - Water and health in the world - Water in the body and food -Program Zanzymus 'balances and imbalances in food' (an interactive show with games). Other projects include 'Res'eau', aimed to bring together interested partners to centralize competencies related to the field of water and to create a pool of new skills through synergies (economic development of the Valais) as well as the development of a 'water web portal' for information and involvement of private and public partners in regards to issues related to water.

**Thematic expertise:**

Integrated Water Resources Management

- Water policy (processes at international & national levels)

Water for people

- Hygiene promotion and behavior changes

Water for other uses

- Water for energy (hydroelectric techniques, management and financing, water food energy nexus)

- Corporate risks and opportunities (including water footprint, waterstewardship)

## Notre Eau - Our Water

This exhibition is interactive and mobile. It is proposed by the Cap Sant foundation with the support of Loterie Romande, the Forces Motrices Valaisannes (FMV) and the municipalities of Port-Valais, Vouvry and St-Gingolph. Cap Sant is a foundation active for more than ten years, contributing to information and public education on the themes of water, health and the quality of life. The foundation proposes several exhibitions: Water in Valais (French and German) Water and health in the world The water in the body and food Program 'balances and imbalances in food' (a show with interactive and games) An association called creation 'Res'eau', aimed to bring together interested partners to centralize competencies related to the field of water and to create a pool of new skills through synergies (economic development of the Valais). The development of a 'water web portal' for information and involvement of private and public partners in regards to issues in the fields of water (with the support of Loterie romande). The "Our water" exhibition showcases information, issues and activities in 4 main areas: Water in the body and health Water in our diet Water in the environment Water for energy and industry and needs for day-to-day activities These topics are presented on 8 roll-ups and are complemented by interactive quizzes on touch screens.

# Caritas Switzerland

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## Geographic focus:

- East Europe
- South America
- Central America
- East Africa
- West Africa
- North Africa and Middle East
- South Africa
- Central Asia
- South Asia
- Southeast Asia

## Key documents:

Access to water and basic sanitation is a human right. With our programmes, we help to ensure that this basic right is realised and that the access of poor, marginalised population groups to clean drinking water, service water and sanitary facilities is improved on a sustainable social, environmental and economic level, reducing the risk of hygiene-related diseases. Furthermore, we support local efforts to improve water management and to ensure an equitable distribution of these natural resources.

## Thematic expertise:

Integrated Water Resources Management

- Watershed & land management (basin/local level, participatory/multi-stakeholder planning)

Water for people

- Rural/ semi-urban water supply and sanitation
- Human right to water and sanitation (include water quality, equity, accountability, etc.)
- Water technologies (water supply and treatment), Sanitation technologies
- Hygiene promotion and behavior changes
- Operation and maintenance, monitoring (soft aspects)
- Other

Water for food

- Irrigation techniques (e.g. efficiency of irrigation technologies)
- Operation and maintenance of infrastructure (soft aspects)

Water for other uses

- DRR (flood management/ drought)
- Water for energy (hydroelectric techniques, management and financing, water food energy nexus)

Water and climate change

- Adaptation to climate change

## **Construction of five Rock Catchments including Hygiene and Sanitation Campaigns in Eastern Equatoria State, South Sudan**



The project at hand is designed to contribute to the overall aim to sustainably improve the wellbeing and health conditions of the poorest and most vulnerable communities in South Sudan. More specifically the project proposes to increase the beneficiaries access to sufficient and clean drinking water, reduce water shortage during dry seasons, and increase their access to sanitation facilities. In addition the project focuses on the improvement of the communities capacity to sustainably operate and manage its water resources, water infrastructures and sanitation facilities. This is directly related to the overall improvement of the beneficiaries health by means of adopting safe hygiene and sanitation practices. Several training components accompany the construction measures to address the needs and to strengthen the beneficiaries capacities. The training measures refer to 1.) the creation of Village Water Committees, which will regulate and manage the village water system and its consumption, 2.) on-the-job trainings for local craftsmen and technicians in order to be able to provide simple repair and maintenance work as well as the 3.) training of Village Hygiene Promoters, who sensitize the village communities in hygiene and sanitation aspects. Overall the project implementation strongly applies a participatory approach to create ownership among the beneficiaries and to ensure the continuation of the initiated project in the communities.

# Centre for Hydrogeology and Geothermics

**Stakeholder's Category:**

Research and Academia

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The Centre for Hydrogeology and Geothermics (CHYN) is one of Europe's leading institutes for research and teaching on groundwater with about 50 collaborators. The CHYN offers the only Master programme in this field in Switzerland. Groundwater is a key water resource especially in arid countries and its importance will likely increase in the future with the expected higher climate variability. The contribution of groundwater to alleviate humanitarian crises and promote long-term sustainable development are important topics of the institute. The CHYN carries out numerous research projects on groundwater quantity and quality in different regions of the world, develops new tools to evaluate and quantify groundwater resources, and offers continuing education courses on groundwater and development.

**Thematic expertise:****Integrated Water Resources Management**

- Watershed & land management (basin/local level, participatory/multi-stakeholder planning)
- National/transboundary watershed management (incl. policy/institutional issues)
- Data collection and modelling (GIS, hydrology, etc.)

**Water for people**

- Rural / semi-urban / urban water supply and sanitation
- Water technologies (water supply and treatment)

**Water for food**

- Irrigation techniques (e.g. efficiency of irrigation technologies)

**Water for other uses**

- Water for energy (hydroelectric techniques, management and financing, water food energy nexus)

**Water for nature**

- Aquatic Ecosystems

**Water and climate change**

- Modelling, Mitigation



## CEWAS-Seecon

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NGO/CSO/Foundation

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### Geographic focus:

- Switzerland
- West Europe
- South America
- East Africa
- West Africa
- Central Asia
- South Asia
- Southeast Asia

### Key documents:

cewas is a Swiss-based competence centre linking sustainable water, sanitation and resource management with business development. cewas is a non-profit association managed by seecon international offering professional training, coaching, networking and consulting to bring sustainable business ideas into reality.

### Thematic expertise:

Integrated Water Resources Management

- Watershed & land management (basin/local level, participatory/multi-stakeholder planning)
- National/transboundary watershed management
- Water policy (processes at international & national levels)

Water for people

- Legal and regulatory framework
- Rural/ semi-urban water supply and sanitation
- Urban water supply and sanitation
- Human right to water and sanitation
- Sanitation technologies
- Hygiene promotion and behaviour changes
- Operation and maintenance, monitoring (soft aspects)
- Financing

Water for food

- Irrigation techniques (e.g. efficiency of irrigation technologies)
- Operation and maintenance of infrastructure (soft aspects)
- Supply chains & commercialization

Water for other uses

- Water processing
- Corporate risks and opportunities

Water for nature

- Aquatic Ecosystems
- Environmental Impact Assessment

Water and climate change

- Modelling, Adaptation, Mitigation



## cewas Start-Up programme



cewas is the international Training Centre for start-ups in the water, sanitation and resource management based in Willisau (Switzerland). The third cewas Start-Up programme is directed at graduates who want to start their own business in the emerging water sector. Within the one-year training programme which will be commencing in September 2013, young entrepreneurs-to-be are supported in the foundation of their business with advanced training modules, business coaching and consulting by international experts and an extensive international network. The next cewas Start-Up programme begins on the 9th of September 2013 and will last until August 2014. Closing date for applications is the 21st of June 2013. For more information please visit [www.cewas.org](http://www.cewas.org) or contact [diah.uhlmann@cewas.org](mailto:diah.uhlmann@cewas.org) (+41 (0)41 971 00 78).

## Integrity Management Kenya



Corruption hinders development in the water and sanitation sector on a big scale. While there are many initiatives addressing the demand side of corruption, little is done to tackle the problem from the supply side. Integrity Management in companies presents the opportunity to respond to the increasing awareness of sustainability and legal compliance in a transparent, accountable and structured manner. However, its advantages and potential have not yet been acknowledged in the private water sector. In order to spread the concepts benefits, cewas, the Water Integrity Network and the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) jointly seek to develop an operational Integrity Management Toolbox for improving integrity behaviour of actors in the water and sanitation sector. [Read more](#)

# CleantechAlps

## Stakeholder's Category:

Governmental

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## Geographic focus:

- Switzerland

## Key documents:

CleantechAlps is the platform dedicated to the development of the clean technology sector in western Switzerland. The gateway to the cleantech field, its purpose is to promote interaction between the players in the field and increase the regions visibility via the expertise available within the sector. Water is one of our main priorities

## Thematic expertise:

Water for people

- Rural/ semi-urban water supply and sanitation
- Urban water supply and sanitation
- Water technologies (water supply and treatment)
- Sanitation technologies
- Operation and maintenance, monitoring (soft aspects)
- Other

Water for food

- Irrigation techniques (e.g. efficiency of irrigation technologies)
- Operation and maintenance of infrastructure (soft aspects)
- Other

Water for other uses

- Water for energy (hydroelectric techniques, management and financing, water food energy nexus)
- Water processing
- Other

Water for nature

- Environmental Impact Assessment

## Study: Water treatment in western Switzerland



Water treatment, one of the major strands of the CleantechAlps platform, is not among the best-known fields of cleantech. With the aim of demonstrating the existing expertise in western Switzerland and outlining the main issues involved in this sector, we are presenting you with this updated survey. It will introduce you to some of the companies and technological institutes who lead their specialised fields, offering a range of innovative solutions. They deserve to be more widely known, earning western Switzerland the status of a real centre of excellence in the field of water treatment. [Read more](#)

# Creaholic

**Stakeholder's Category:**  
Research and Academia

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**Contact person:**

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**Geographic focus:**

- Switzerland
- West Europe
- North America

**Key documents:**

Innovation Factory

**Thematic expertise:**

Water for people

- Water technologies (water supply and treatment)
- Sanitation technologies
- Hygiene promotion and behavior changes

Water for other uses

- Water for energy (hydroelectric techniques, management and financing, water food energy nexus)



## CSD Engineers

**Stakeholder's Category:**

Transnational Company

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[www.csd.ch](http://www.csd.ch)

**Contact person:**

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**Geographic focus:**

- Switzerland
- East Europe
- West Europe
- South America
- Central America
- West Africa
- North Africa and Middle East
- South Asia
- Southeast Asia

**Key documents:**

CSD Engineers is a Swiss based engineering consultancy with a network of more than 30 branches in Europe. CSD offers consultancy services and develops cost-efficient solutions to improve quality of life and the environment. These activities encompass the fields of construction, environment and natural resources. Engineering solutions for water related projects are one of CSD's key priorities. Our water professionals provide comprehensive consultancy for a sustainable management of the urban water cycle, its system components and infrastructure.

**Thematic expertise:****Integrated Water Resources Management**

- Watershed & land management (basin/local level, participatory/multi-stakeholder planning)
- Data collection and modelling (GIS, hydrology, etc.)

**Water for people**

- Rural/ semi-urban water supply and sanitation
- Urban water supply and sanitation
- Human right to water and sanitation
- Water technologies (water supply and treatment)
- Sanitation technologies
- Hygiene promotion and behaviour changes
- Operation and maintenance, monitoring (soft aspects)
- Financing

**Water for food**

- Irrigation techniques (e.g. efficiency of irrigation technologies)
- Operation and maintenance of infrastructure (soft aspects)

**Water for other uses**

- Water for energy (hydroelectric techniques, management and financing, water food energy nexus)
- Water processing

**Water for nature**

- Aquatic Ecosystems, Environmental Impact Assessment
- DRR (flood management/ drought)

## Drinking water treatment plant MuttENZ, Switzerland



Construction of new drinking water treatment plant in MuttENZ (Switzerland), treatment phases: advanced oxidation, adsorption (PAC) and ultrafiltration. Beside common treatment goals, the most relevant group of substances to be eliminated are micro-pollutants. Maximum capacity of water production is 16,000 m<sup>3</sup>/d. City of MuttENZ, 2011 2014.

## Waste water treatment plants in Kasserine, Tunisia



Feasibility study for construction of two waste water treatment plants in Kasserine governorate, Tunisia, SECO 2011.

## EAWAG

### Stakeholder's Category:

Research and Academia

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### Contact person:

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### Geographic focus:

- Switzerland
- South America
- West Africa
- South Africa
- Southeast Asia

### Key documents:

Swiss Federal Institute of Aquatic Science and Technology

### Thematic expertise:

Integrated Water Resources Management

- Watershed & land management (basin/local level, participatory/multi-stakeholder planning)
- Data collection and modelling (GIS, hydrology, etc.)
- Water policy (processes at international & national levels)

Water for people

- Rural/ semi-urban water supply and sanitation
- Urban water supply and sanitation
- Water technologies (water supply and treatment)
- Sanitation technologies
- Hygiene promotion and behavior changes

Water for food

- Other

Water for other uses

- Corporate risks and opportunities (including water footprint, waterstewardship)

Water for nature

- Aquatic Ecosystems
- Payments for watershed services
- Environmental Impact Assessment

Water and climate change

- Modelling







# ECOPSIS

## **Stakeholder's Category:**

Private Consulting Company

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<http://www.ecopsis.com/>

## **Contact person:**

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## **Geographic focus:**

- Switzerland
- East Europe
- South America
- Central America
- East Africa
- West Africa
- North Africa and Middle East
- South Africa
- Central Asia
- South Asia
- Southeast Asia

## **Key documents:**

Established in 1992, ECOPSIS is an international consulting firm specializing in the technical, socio-economic, financial and institutional challenges of sanitation projects. Specific areas of intervention include all sectors related to human activity: wastewater and solid waste (from both domestic and industrial origins), basic sanitation and hygiene promotion. The aim of ECOPSIS is to be proactive with the challenges posed by sanitation issues. We strive for a world using sustainable sanitation, as this is an efficient tool that contributes to reduce poverty, achieve economic growth and environmental protection.

## **Thematic expertise:**

Water for people

- Legal and regulatory framework,
- Rural/ semi-urban water supply and sanitation
- Urban water supply and sanitation
- Human right to water and sanitation (include water quality, equity, accountability, etc.)
- Water technologies (water supply and treatment)
- Sanitation technologies
- Hygiene promotion and behavior changes
- Operation and maintenance, monitoring (soft aspects)
- Financing
- Other

**Characterization of the value chain of solid waste and proposals for development of inclusive markets through business development activities and production capabilities (El Salvador)**



The Urban and Productive integrated Sustainable Settlements in El Salvador, Joint Programme, aims to expand economic opportunities for vulnerable groups with special emphasis on women with the ultimate aim of reducing the number of people living below the poverty line. The program aims to improve urban settlements, improve housing quality and strengthen the value chains of social housing construction through the provision and development of goods and services within reach of the poor. The cleaning train and solid waste represents a major cost to the municipalities which causes a limited and inadequate collection service. The recovery of solid waste represents a survival strategy for a large segment of poor population in developing countries and El Salvador is no exception.

**Increase the knowledge and capacity of national, state and local government officials to strengthen the implementation of the Total Sanitation Campaign (TSC)**



The Government of India has requested ADB to assist in development of an Operations Plan to strengthen execution of rural sanitation agenda in India. The Ministry of Drinking Water and Sanitation (MDWS) recently promulgated the Ten Year Rural Sanitation and Hygiene Strategy (2012-2022). Aligning with the Government Planning Commissions next 12th Five Year Plan (2012-2017), the MDWS plans to incrementally shift from the present project-based approach of Total Sanitation Campaign (TSC) to a more comprehensive National Total Sanitation Mission (NTSM). However, the operational modality, supporting structures, and other practical implementation aspects of NTSM need to be further developed and refined. Effective operational tools and models in rural sanitation, especially for lagging states, need to be further sought based on TSC implementation experience, as well as global and regional best practices.

## ETH Zürich - IFU

### Stakeholder's Category:

Research and Academia

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### Geographic focus:

- Switzerland
- South America
- East Africa
- Central Asia

### Key documents:

The Institute of Environmental Engineering is an institute of the Department of Civil, Environmental and Geomatics Engineering at the Swiss Federal Institute of Technology (ETH) in Zurich. The institute's activities related to water focus on basic and applied research in "Hydrology and Water Resources Management", "Groundwater and Hydromechanics", and "Urban Water Management". The institute is also involved in teaching at Bachelor, Master, PhD, and postgraduate levels.

### Thematic expertise:

Integrated Water Resources Management

- Watershed & land management (basin/local level, participatory/multi-stakeholder planning)
- Data collection and modelling (GIS, hydrology, etc.)

Water for people

- Urban water supply and sanitation
- Water technologies (water supply and treatment)

Water for other uses

- Water for energy (hydroelectric techniques, management and financing, water food energy nexus)

Water and climate change

- Modelling
- Adaptation

## ACQWA - Assessing Climate impacts on the Quantity and quality of WAter



ACQWA is a large-scale integrating project funded by the 7th Framework Programme of the European Union. It involves 35 international partners and a budget of EURO 6.5 million. Within this project HWRM-ETH is investigating the future of water resources in alpine regions around the world (the Swiss and Italian Alps, the central Andes of Chile and the Tian Shan in Kirgistan). The main objectives of HWRM within this project are: modelling the response of river runoff dynamics to changes in the local climate system modelling the response of glaciers to changes in the climate system through state of the art integrated models of glacier ablation and accumulation, glacier dynamics and glacier runoff looking at the distributed and fine resolution response of catchment hydrology to climate change investigating downscaling techniques of RCMs modeling slope stability in mountainous landscapes under the influence of climate change.

[Read more](#)

## Gravity-Driven Membrane (GDM) technology



Inadequate access to microbiologically safe drinking water continuously threatens the health and well-being of more than a billion people, primarily in developing countries. Decentralized water treatment can be used in regions where central water infrastructure is not available at all, or not reliable. Ultrafiltration is an effective technology to treat water and in principle can be applied on a decentralized scale. During dead-end ultrafiltration all macro- and microorganisms, particles and colloids accumulate on the membrane surface and a fouling layer is formed. Conventionally, the membrane is prevented from clogging through backflushing or chemical cleaning. However, backflushing or cleaning results in complex and maintenance-intensive systems, which are difficult to operate on a long term in developing countries. This project develops gravity-driven membrane (GDM) technology for water treatment, a technology which does not require backflushing or cleaning. GDM technology is an attractive solution for household and community drinking water treatment, particularly in developing countries.

[Read more](#)

# Ernst Peyer Gedenkstiftung

**Stakeholder's Category:**

NGO/CSO/Foundation

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**Geographic focus:****Key documents:****Thematic expertise:**

Integrated Water Resources Management

- Watershed & land management

**Water for people**

- Rural/ semi-urban water supply and sanitation
- Urban water supply and sanitation
- Human right to water and sanitation (include water quality, equity, accountability, etc.)
- Water technologies (water supply and treatment)
- Sanitation technologies
- Hygiene promotion and behavior changes
- Operation and maintenance, monitoring (soft aspects)

## Protocol on Water and Health

see [UNECE homepage Switzerland](#) has taken the chair of the Task Force on Target Setting and Reporting.

## Setting of the Swiss regulation concerning drinking water

The legal requirements are set in an ordinance on drinking, source and mineral water. [Read more](#)

# Federal Food Safety and Veterinary Office

**Stakeholder's Category:**

Governmental

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**Contact person:**

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**Geographic focus:****Key documents:**

Division of food security, in charge of the Swiss drinking water regulation.

**Thematic expertise:**

Integrated Water Resources Management

- National/transboundary watershed management (incl. policy/institutional issues)
- Water policy (processes at international & national levels)

Water for people

- Legal and regulatory framework
- Rural/ semi-urban water supply and sanitation
- Urban water supply and sanitation
- Human right to water and sanitation (include water quality, equity, accountability, etc.)
- Water technologies (water supply and treatment)
- Operation and maintenance, monitoring (soft aspects)



## Protocol on Water and Health

see [UNECE homepage Switzerland](#) has taken the chair of the Task Force on Target Setting and Reporting.

## Setting of the Swiss regulation concerning drinking water

The legal requirements are set in an ordinance on drinking, source and mineral water. [Read more](#)

# Federal Office for Agriculture

## Stakeholder's Category:

Governmental

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## Geographic focus:

- Switzerland
- East Europe
- West Europe
- South America
- Central America
- North America
- East Africa
- North Africa and Middle East
- South Africa
- Central Asia
- South Asia
- Southeast Asia
- Oceania

## Key documents:

The FOAG is the Swiss competence centre for all core issues relating to the agricultural sector.

## Thematic expertise:

### Integrated Water Resources Management

- Watershed & land management (basin/local level, participatory/multi-stakeholder planning)
- National/transboundary watershed management (incl. policy/institutional issues)

### Water for people

- Legal and regulatory framework
- Human right to water and sanitation (include water quality, equity, accountability, etc.)

### Water for food

- Supply chains & commercialization
- Other

### Water for other uses

- Water for energy (hydroelectric techniques, management and financing, water food energy nexus)

### Water for nature

- Payments for watershed services
- Environmental Impact Assessment

### Water and climate change

- Modelling
- Adaptation
- Mitigation
- Other



# The Gold Standard

## Stakeholder's Category:

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### Geographic focus:

- East Africa
- West Africa
- North Africa and Middle East
- South Africa
- Central Asia
- South Asia
- Southeast Asia

### Key documents:

- [Water Benefit Standard FAQs](#)

For ten years, The Gold Standard Foundation has pioneered the way climate change is addressed. Our Reward for Results approach has channelled billions of Euros into 1000 low carbon development projects. To receive our prestigious stamp of approval all Gold Standard projects must be implemented following our best practice rules, consult with local stakeholders, continually reduce greenhouse gas emissions and improve the environment and peoples lives. Once certified by The Gold Standard projects are issued credits annually against independently audited climate and sustainable development outcomes. The purchase of these credits by governments, business, impact investors and individuals provides on-going funding to project activities. This Results Based Finance principle shifts the emphasis to outputs rather than inputs or promises and gives the buyers of Gold Standard credits confidence that their money is making a real difference. We measure our success, in turn, on the aggregated positive impacts that our projects deliver to thousands of local communities and the global environment. With a strong conviction that our climate results based finance model can be replicated and adapted, we are pioneering best practice rules and monitoring tools for broader environmental and development outcomes, beginning with water.

WWF calls The Gold Standard its carbon market weapon of choice whilst The World Banks International Finance Corporation rates the development impacts of Gold Standard projects as supra-normal.

### Thematic expertise:

## Clean Water Access – WaterHealth India

**WaterHealth India (WHIN)** is a wholly owned subsidiary of WaterHealth International, a company that aims at providing scalable, safe drinking water solutions to underserved areas in India through advanced technology and self-sustaining business models based on WaterHealth Centres. These centres are modular structures that house water purification equipment to treat locally available water. Each WHC produces World Health Organization (WHO) quality water that is available, for a nominal usage fee that is determined appropriate and affordable in partnership with communities. **WHIN works** with communities through local government bodies to identify suitable installation sites where safe drinking water can be accessed by the locals or supplied to their homes depending on their needs. These centres are designed to replace local wells and other water supplies, like the one below, in which the water quality is not assured and can result in the spread of waterborne diseases. **The community** provides land and the source of raw water to WHIN while the latter invests in and installs state of the art i.e. Ultra Violet (UV) and Reverse Osmosis (RO) based water purification systems. The safe drinking water is supplied to the consumers in specially designed containers which are sold to the local community for a nominal charge. Operational expenses and quality control checks are undertaken and borne by WHIN. Projects are undertaken on a Build, Operate and Transfer (BOT) basis for 10-20 years after which the centre is transferred fully to the community. **WHINs Decentralized Community Water Systems** not only provide easy and affordable access to safe drinking water but also lead to employment generation for youth and women for operating the installation generating awareness about safe drinking water and other health issues through extensive hygiene campaigns in the local

communities in which they operate. **WHIN customizes** the technical specifications of its installations based on local raw water quality to best suit the requirements of the community and adheres to nationally and internationally prescribed standards. **With over 500 centres** built in India since 2006, WHIN plans to build another 30 or more installations in the Bangalore area with revenue from WBCs over the next 7 years.



# GIWEH

**Stakeholder's Category:**

NGO/CSO/Foundation

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**Geographic focus:**

- Switzerland
- East Europe
- East Africa
- North Africa and Middle East

**Key documents:**

The Global Institute for Water, Environment and Health (GIWEH) was formed in March 2007 under the initiative of Swiss, European and Middle Eastern scientists who graduated from several Swiss Universities and their professors. Their specialties involve different scientific researches in water, environment and health, and promoting different multidisciplinary points of view. GIWEH was formed in response to a recognized need for a new, broad-based focus in the interdisciplinary subject of hydrology, environment and health.

**Thematic expertise:****Integrated Water Resources Management**

- Watershed & land management (basin/local level, participatory/multi-stakeholder planning)
- National/transboundary watershed management (incl. policy/institutional issues)
- Data collection and modelling (GIS, hydrology, etc.)
- Water policy (processes at international & national levels)

**Water for people**

- Legal and regulatory framework
- Rural/ semi-urban water supply and sanitation
- Human right to water and sanitation (include water quality, equity, accountability, etc.)
- Water technologies (water supply and treatment)
- Operation and maintenance, monitoring (soft aspects)

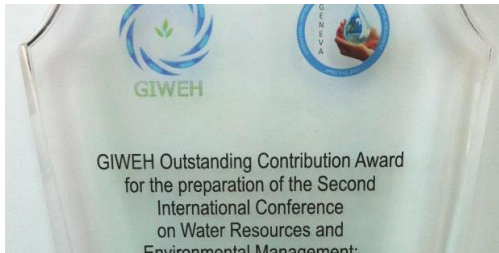
**Water for other uses**

- Water for energy (hydroelectric techniques, management and financing, water food energy nexus)
- Water processing
- Corporate risks and opportunities (including water footprint, waterstewardship)

**Water for nature**

- Aquatic Ecosystems
- Environmental Impact Assessment

## **GIWEH International Conference on Water Resources and Environmental Management (ICWRE)**



GIWEH International Conference on Water Resources and Environmental Management (ICWRE) is a series of conferences organized in cooperation with UNESCO-IHE Institute for Water

Education, Ecole Mohammadia d'Ingenieurs, United Nations Environment Programme (UNEP), World Intellectual Property Organization (WIPO), Food and Agriculture Organization of the United Nations (FAO), University of Geneva,

Maghona. ICWRE-2011 was held on 20-24 November 2011 in Marrakesh, Morocco; ICWRE-2013 was held on 09-11 April 2013 in Geneva, Switzerland. The GIWEH ICWREs aim at bridging a gap between policy, science and practice in the field of water and environmental management; becoming an efficient discussion platform for European, Middle Eastern and African stakeholders; contributing to debates on environment related topics that take place on national, regional and international levels; sharing knowledge and raising awareness of environmental changes.

# HELVETAS Swiss Intercooperation

## Stakeholder's Category:

NGO/CSO/Foundation

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## Geographic focus:

- Switzerland
- East Europe
- West Europe
- South America
- Central America
- North America
- East Africa
- West Africa
- Central Asia
- South Asia
- Southeast Asia

## Key documents:

- [Water use master plan](#)

HELVETAS Swiss Intercooperation is one of the most experienced and largest Swiss development organisations. It has long standing experience in improving access to safe drinking water and basic sanitation in a number of developing countries. Promoting the implementation of the human right to water and sanitation is a fundamental aspect of its work.

## Thematic expertise:

### Integrated Water Resources Management

- Watershed & land management (basin/local level, participatory/multi-stakeholder planning)
- National/transboundary watershed management (incl. policy/institutional issues)
- Data collection and modelling (GIS, hydrology, etc.)
- Water policy (processes at international & national levels)

### Water for people

- Legal and regulatory framework
- Rural/ semi-urban water supply and sanitation
- Urban water supply and sanitation
- Human right to water and sanitation (include water quality, equity, accountability, etc.)
- Water technologies (water supply and treatment) Sanitation technologies
- Hygiene promotion and behavior changes
- Operation and maintenance, monitoring (soft aspects)

### Water for food

- Irrigation techniques (e.g. efficiency of irrigation technologies)
- Operation and maintenance of infrastructure (soft aspects)
- Supply chains & commercialization

### Water for nature

- Aquatic ecosystems



## Safe Water School Project – Kenya, Bolivia, Haiti



Develop and test participatory and integrated methodology for water treatment (combination of SODIS and in-situ chlorination with WATA devices) and improved hygiene education in 110 schools. A particular focus placed on schools because they are a key environment for social marketing. With their enormous potential to raise awareness and influence the future generation, they play an important role in bringing about behavioural changes and promoting better health. Strategy based on 4 pillars: education, infrastructure, application and transferring the knowledge from school to community. 38128 beneficiaries in 30 schools in Kenya 10369 beneficiaries in 40 schools in Bolivia 7500 beneficiaries in 40 schools in Haiti. Visit [www.sodis.ch](http://www.sodis.ch) for more infos.

## Water for healthy schools and safe births in Benin



Having to bring the water you need for childbirth to the maternity with you? That used to be a common practice at the Sirarou maternity ward until three years ago. Now there is a well that supplies the maternity and the nearby school with clean water. [Read more](#)

## HOLINGER AG

### Stakeholder's Category:

Private Consulting Company

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### Contact person:

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### Geographic focus:

- Switzerland
- East Europe
- West Europe
- North Africa and Middle East
- Central Asia
- Southeast Asia

### Key documents:

Since 1933, HOLINGER AG has been planning and realizing process, environmental and structural engineering projects. Thanks to the commitment of our 200+ employees from a range of different specialised disciplines, we are now ranked as one of the leading Swiss engineering consultants.

### Thematic expertise:

#### Integrated Water Resources Management

- Watershed & land management (basin/local level, participatory/multi-stakeholder planning)
- National/transboundary watershed management (incl. policy/institutional issues)
- Data collection and modelling (GIS, hydrology, etc.)
- Other

#### Water for people

- Rural / semi-urban / urban water supply and sanitation
- Human right to water and sanitation (include water quality, equity, accountability, etc.)
- Water technologies (water supply and treatment)
- Sanitation technologies
- Operation and maintenance, monitoring (soft aspects)
- Financing
- Other

#### Water for other uses

- Water for energy (hydroelectric techniques, management and financing, water food energy nexus)
- Water processing

#### Water for nature

- Payments for watershed services
- Environmental Impact Assessment
- DRR (flood management/ drought)
- 

#### Water and climate change

- Adaptation, Mitigation

## Lake Water Treatment Horgen



Construction of Lake Water Treatment Plant Hirsacker-Appital (24000 m<sup>3</sup>/d), Horgen, Switzerland

## Waste Water Treatment Plant Sarajewo



Rehabilitation of Sarajewo wastewater treatment plant (600.000 PE), Bosnia and Herzegovina

# KFH

## Stakeholder's Category:

Research and Academia

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## Geographic focus:

- Central America
- North Africa and Middle East
- South Africa
- Southeast Asia

## Key documents:

KFH encompasses the rectors of the seven Swiss universities of applied sciences and arts. The KFH Development and Cooperation Office is based at the Swiss university of applied sciences and arts of Southern Switzerland (SUPSI) and acts as an entry port for all development and cooperation activities, in the domains applied research, teaching and services. WASH (Water Sanitation and Hygiene) activities are scattered in different UAS. For more information contact the DC Office at SUPSI.

## Thematic expertise:

### Integrated Water Resources Management

- Watershed & land management (basin/local level, participatory/multi-stakeholder planning)
- Data collection and modelling (GIS, hydrology, etc.)

### Water for people

- Rural/ semi-urban water supply and sanitation
- Urban water supply and sanitation
- Human right to water and sanitation (include water quality, equity, accountability, etc.)
- Water technologies (water supply and treatment)
- Sanitation technologies
- Hygiene promotion and behavior changes

### Water for other uses

- Water for energy (hydroelectric techniques, management and financing, water food energy nexus)

### Water for nature

- Aquatic Ecosystems
- Environmental Impact Assessment

### Water and climate change

- Modelling

### Promotion of small waterbodies in the biodiversity hotspot Cerrado (Brazil)



Objectives: (i) to identify and describe these waterbodies (ponds, small reservoirs) and their associated ecological, social, and economical services in the pasture landscape from the Cerrado, (ii) based on this information, to disseminate to stakeholders (and particularly to schools) the basic knowledge on these ecosystems and on good practices enhancing their services. [Read more](#)

### Saph Pani - Enhancement of natural water systems and treatment methods for safe and sustainable water supply in India



Saph Pani addresses the improvement of natural water treatment systems such as river bank filtration (RBF), managed aquifer recharge (MAR) and wetlands in India building on a combination of local and international expertise. The project aims at enhancing water resources and water supply particularly in water stressed urban and peri-urban areas in different parts of the sub-continent. The project focuses on a set of case study areas in India covering various regional, climatic, and hydrogeological conditions as well as different treatment technologies. [Read more](#)

# Minikus Vogt & Partner AG

## Stakeholder's Category:

Private Consulting Company

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## Geographic focus:

- Switzerland
- South America
- Central America
- East Africa
- West Africa
- South Africa

## Key documents:

MINIKUS VOGT & PARTNER AG is a privately owned Swiss engineering company with over 50 years of experience. It provides engineering services to water supply and small hydropower plants projects in Africa and Central/South America for the private and the public sector as well as for non-profit organisations.

## Thematic expertise:

Integrated Water Resources Management

- Data collection and modelling (GIS, hydrology, etc.)

Water for people

- Rural/ semi-urban water supply and sanitation
- Urban water supply and sanitation
- Water technologies (water supply and treatment)
- Operation and maintenance, monitoring (soft aspects)
- Financing

Water for other uses

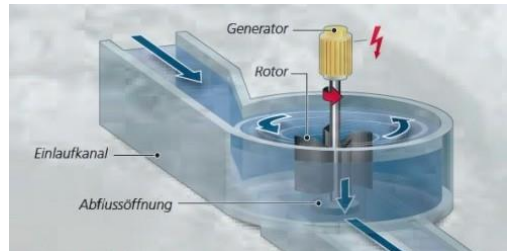
- Water for energy (hydroelectric techniques, management and financing, water food energy nexus)

## GIS for network systems in Switzerland



GIS for water, sewage, electricity, district heating and other mediums network systems.

## Small hydropower plants in Southafrica



Pre-Investment study for small hydro power plants

# Planet Horizons Technologies

## Stakeholder's Category:

Private Start Up and SME

## Contact:

Technopôle 5,  
CH-3960 Sierre

+41 27 456 40 36

<http://www.planethorizons.com>

## Contact person:

Eric Valette  
[info@planethorizons.com](mailto:info@planethorizons.com)

## Geographic focus:

- Switzerland
- West Europe
- North Africa and Middle East

## Key documents:

Planet Horizons Technologies is a Swiss-based company that is at the forefront of water treatment technology by electromagnetic fields. The Aqua-4D technology developed by PHT from the 2000s, is now a technology that has been proven and is very effective. Present in many economic sectors, PHT has focused in recent years on agriculture, especially in the physical treatment of irrigation water, solving problems that seemed insurmountable until now. In agriculture, the return on investment for the end customer is fast, usually between 12 and 24 months thanks to the benefits that Aqua-4D brings.

## Thematic expertise:

Water for people

- Water technologies (water supply and treatment)

Water for food

- Irrigation techniques (e.g. efficiency of irrigation technologies)
- Operation and maintenance of infrastructure (soft aspects)

Water for nature

- Environmental Impact Assessment







# Platform for International Water Law

## **Stakeholder's Category:**

Research and Academia

## **Contact:**

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CH-1205 Genève

+41 22 379 85 46

[mara.tignino@unige.ch](mailto:mara.tignino@unige.ch)

<http://www.unige.ch/droit/eau/index.html>

## **Contact person:**

Mara Tignino

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## **Geographic focus:**

- Switzerland
- West Africa
- North Africa and Middle East
- Southeast Asia

## **Key documents:**

The Platform for International Water Law at the University of Geneva brings together leading international experts. It is a permanent advisory group in the development of international water law, where the law applicable to freshwater resources is analyzed from a variety of perspectives and where future generations of water law experts are trained.

## **Thematic expertise:**

Integrated Water Resources Management

- National/transboundary watershed management (incl. policy/institutional issues)
- Water policy (processes at international & national levels)

Water for people

- Legal and regulatory framework
- Human right to water and sanitation (include water quality, equity, accountability, etc.)

Water for nature

- Aquatic Ecosystems

Water and climate change

- Other

## **E-learning course on international water law**

UNITAR and University of Geneva have joined their respective expertise, with the financial support of the Swiss Agency for Development and Cooperation (SDC), to develop and launch an e-learning course on International Water Law. The aim is to provide professionals involved in negotiating or implementing treaties related to freshwater resources with an advanced knowledge of the principles and norms that govern the use, sharing, management and protection of these resources. [Read more](#)

## **Non-State Actors and the Management of International Freshwater Resources (project supported by the Swiss National Research Fund)**

Treaties on international water resources no longer regulate only State-to-State relations. Rather, individuals, communities, and non-governmental organizations collectively referred to as non-State actors have become subject of these instruments as well. The research pays attention to mechanisms open to individuals at the domestic and international levels, as well as to norms and practice concerning access to remedies for transboundary harm. [Read more](#)



# Prana Sustainable Water

**Stakeholder's Category:**

Private Start Up and SME

**Contact:**

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CH-1196 Gland

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[info@pranasustainablewater.ch](mailto:info@pranasustainablewater.ch)

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**Contact person:**

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**Geographic focus:**

- Switzerland
- South America
- Central America
- East Africa
- West Africa
- North Africa and Middle East
- South Africa
- South Asia

**Key documents:**

We designed the Ethical Water Exchange platform matching demands of treated wastewater for commodities pre-paid before production with offers of wastewater treatment services. Prana Sustainable Water services before matching offers and demands are to reduce water consumption, the services after the matchings are for branding and reporting the value chain for the increased sanitation thanks to our tool.

**Thematic expertise:**





# Prof. Brillembourg & Prof. Klumpner Chair of Architecture and Urban Design | ETHZ

## Stakeholder's Category:

Research and Academia

## Contact:

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CH-8050 Zürich

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[reginato@arch.ethz.ch](mailto:reginato@arch.ethz.ch)

<http://u-tt.arch.ethz.ch>

## Contact person:

Alice Hertzog

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## Geographic focus:

- South America
- Central America

## Key documents:

The Architecture and Urban Design group addresses the challenges faced by informal settlements in the global south: social inequality, uneven distribution of resources, inadequate urban services. They tackle these urban phenomena and provide socially and ecologically sustainable design solutions for marginalized populations. The interrelated themes of water, sanitation and health remain central issues in slums today.

## Thematic expertise:

Integrated Water Resources Management

- Watershed & land management (basin/local level, participatory/multi-stakeholder planning)
- Water policy (processes at international & national levels)

Water for people

- Urban water supply and sanitation
- Sanitation technologies

Water and climate change

- Adaptation
- Mitigation

## Contested Waters Mumbai



The Back Bay, located on the southern tip of the city, is an area where pressures collide; it is a place on the edge of conflict, on the edge of the city - on contested waters. The goal of the project was to re-imagine the city of Mumbai through this waterfront - to develop and maintain a strong connection to the water, preserve the integrity of the fishing village and generate a process of integration. [Read more](#)

## Dry River Canal East Port of Spain



The East Port of Spain dry river canal divides the formal from the informal city containing many marginalized and isolated communities. This project is developing solutions to rehabilitate and upgrade the canal which currently floods the city during the rainy season. [Read more](#)

## RobecoSAM AG

### Stakeholder's Category:

Research and Academia

### Contact:

Josefstrasse 218,  
CH-8005 Zurich

+41 44 653 10 10

[info@robecosam.com](mailto:info@robecosam.com)

<http://www.robecosam.com>

### Contact person:

### Geographic focus:

### Key documents:

RobecoSAM is an investment specialist focused exclusively on Sustainability Investing. Its offerings comprise asset management, indices, private equity, engagement, impact analysis and sustainability assessments as well as benchmarking services. Asset management capabilities include a range of ESG-integrated investment and theme strategies (in listed and private equity) catering to institutional asset owners and financial intermediaries across the globe. Together with S&P Dow Jones Indices, RobecoSAM publishes the globally recognized Dow Jones Sustainability Indices (DJSI). Based on its Corporate Sustainability Assessment, an annual ESG analysis of more than 2,000 listed companies, RobecoSAM has compiled one of the worlds most comprehensive sustainability databases. RobecoSAMs proprietary research and sustainability insight, gained through its direct contact with companies, are fully integrated into the companys investment solutions. RobecoSAM is a member of the global pure-play asset manager Robeco, which was established in 1929 and offers a broad range of investment products and services. Robeco also has a long tradition of practicing and advocating Sustainability Investing principles. RobecoSAM was founded in 1995 out of the conviction that a commitment to corporate sustainability enhances a companys capacity to prosper, ultimately creating competitive advantages and stakeholder value. As a reflection of its own commitment to advocating sustainable investment practices, RobecoSAM is a signatory of the UNPRI and a member of Eurosif, ASrIA and Ceres. Headquartered in Zurich, RobecoSAM employs over 100 professionals. As of December 31, 2012, RobecoSAMs assets under management, advice and license amounted to a total of USD 11.4 billion.

### Thematic expertise:





# Sanakvo Foundation

**Stakeholder's Category:**

NGO/CSO/Foundation

**Contact:**

Englisch-Gruss-Strasse 1,  
CH-3902 Glis

[info@sanakvo.org](mailto:info@sanakvo.org)

<http://www.sanakvo.org>

**Contact person:**

Pavel Lehky

[info@sanakvo.org](mailto:info@sanakvo.org)

**Geographic focus:**

- South America
- Central America
- East Africa
- North Africa and Middle East

**Key documents:**

Sanakvo is a non-profit, humanitarian, globally acting Swiss foundation to make clean, drinking water available to the neediest people. It uses a new, revolutionary, low-cost and lowest energy system generating pure water from air. The new technology uses binding of atmospheric humidity into a hygroscopic liquid (glycerol) from which it is recovered in a form of pure liquid water by solar heat. The structures utilized are of low cost, easily produced on large scale and environment-friendly. Air humidity is an unlimited and omnipresent source of clean water! Thus a new source of clean water everywhere on the planet is opened. If implementation on large scale is successful, a profound impact on the whole planet can be expected.

**Thematic expertise:**

Water for people

- Rural/ semi-urban water supply and sanitation
- Urban water supply and sanitation
- Water technologies (water supply and treatment)
- Other

Water for food

- Irrigation techniques (e.g. efficiency of irrigation technologies)
- Other

Water for nature

- DRR (flood management/ drought)
- Other

Water and climate change

- Mitigation
- Other

## Drinking water for Haitian school



The goal of the project is to supply the new school Ecole mixte Arc-en-Ciel du Haut-Valais in Montrouis Haiti (100 children) with clean drinking water with the low-cost Sanakvo-technology by the year 2014. The high-quality and low-cost Sanakvo-water-from-air-technology is well adapted to Haiti, which faces water scarcity due to the destruction of existing water-pipelines and contamination of water reservoirs by natural disasters. Haiti has very humid air which is permanently renewed by winds and thus it represents an inexhaustible new water source.

[Read more](#)

# Schweizerische Umweltstiftung

## Stakeholder's Category:

NGO/CSO/Foundation

## Contact:

Schweizerische Umweltstiftung,  
Spitalstrasse 4,  
CH-6004 Luzern

+41 41 420 11 10

[auskunft@umwelt-stiftung.ch](mailto:auskunft@umwelt-stiftung.ch)  
[www.2000litergesellschaft.ch](http://www.2000litergesellschaft.ch)

## Contact person:

Erich Rico Kirchhofer  
[auskunft@umwelt-stiftung.ch](mailto:auskunft@umwelt-stiftung.ch)

## Geographic focus:

- Switzerland

## Key documents:

## Die Schweizerische Umweltstiftung

stands up for the equal rights of the claims of economy, environment and society and with it for a sustainable development

supports attempts of environment-conscious, future-directed people in companies, organisations, authorities and in the private life which exert themselves personally for the preservation of the natural resources and their biodiversity

wants to distinguish special achievements in the environment protection, announce the wide public and lift out as exemplary

wants to mediate the knowledge about the meaning of environment protection and nature conservation and indicate that the preservation of the living spaces and their biodiversity represent an indispensable need for people, animals and plants.

is persuaded that of a lasting environmental development must be urgently helped to the breakthrough if we want to live in a stable and sustainable society.

## Thematic expertise:

Integrated Water Resources Management

- With the aim of the halving of the water consumption the 2000-litre society makes a contribution to the fact that the developing chances of the people are guaranteed in the „north and the south“ in the long term. With public appearances and activities the Swiss environmental foundation as the Initiator of the 2000-litre society draws the attention to the problems of the worldwide water consumption. Aim is to reduce the per-head water consumption in Switzerland around half.

Water for people

- Finanzierung
- Andere



# Skat Consulting Ltd.

## Stakeholder's Category:

Private Consulting Company

## Contact:

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Switzerland

+4171 228 54 54

[info@skat.ch](mailto:info@skat.ch)

<http://www.skat.ch/>

## Contact person:

Jürg Christen

[juerg.christen@skat.ch](mailto:juerg.christen@skat.ch)

## Geographic focus:

- East Europe
- South America
- Central America
- East Africa
- West Africa
- North Africa and Middle East
- South Africa
- Central Asia
- Southeast Asia

## Key documents:

- [Guidebook for the implementation of decentralised water supply systems in Moldova](#)

Skat Consulting Ltd. is an independent resource centre and consulting company in the fields of development and humanitarian aid. Skat is committed to reducing the gap between rich and poor through the promotion of sustainable livelihoods and the improvement of the living conditions of disadvantaged and marginalised people. We have provided technical expertise and management support, as well as training and research facilities, since 1978. We implement projects, provide consultancy, policy and technical support, do evaluations and specialise in the transfer of technologies and approaches.

## Thematic expertise:

### Integrated Water Resources Management

- Watershed & land management (basin/local level, participatory/multi-stakeholder planning)
- National/transboundary watershed management (incl. policy/institutional issues)
- Data collection and modelling (GIS, hydrology, etc.)

### Water for people

- Legal and regulatory framework
- Rural / semi-urban / urban water supply and sanitation
- Human right to water and sanitation (include water quality, equity, accountability, etc.)
- Water and sanitation technologies
- Hygiene promotion and behavior changes
- Operation and maintenance, monitoring (soft aspects)
- Financing

### Water for other uses

- Water for energy (hydroelectric techniques, management and financing, water food energy nexus)

### Water for nature

- Payments for watershed services
- Environmental Impact Assessment
- DRR (flood management/ drought)

## APASAN



ApaSans Project goal is to contribute to improved quality of life and public health of the rural population in Moldova through increased sustainable access to safe drinking water and environmental sanitation (WES). In phase 1 ApaSan built on the achievements, expertise, partnerships and positioning established by SDCs WatSan Programme and has embarked on a scaling-up of the services delivery models developed by the agency over the period 2001-08. ApaSan phase 2 now aims at triggering the fundamentals allowing the local institutions, under the drive of the government, to engage into wider scaling-up of decentralized WES services delivery models as part of the solution to achieve the national objectives and plans in the sector. [Read more](#)

## Backstopping Mandate to SDC's Water Initiatives



Since 1996, Skat implements a Backstopping Mandate in Water & Sanitation (BSM W&S), which provides SDCs Water Initiatives division (WIs) the professional services in the area of Water for People and IWRM needed to further the agency's drive to promote the realization of the MDGs and the sustainable development of the sector beyond 2015.

# Smixin

**Stakeholder's Category:**

Private Start Up and SME

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+41 32 3 666 424

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<http://www.smixin.com/>

**Contact person:**

Denis Crottet

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**Geographic focus:**

- Switzerland
- East Europe
- West Europe
- North America

**Key documents:**

Smixin provides smart hand washing systems that combines best comfort, optimal hygiene and minimal water use for sustainable hand hygiene.

**Thematic expertise:**

Water for people

- Water technologies (water supply and treatment)
- Hygiene promotion and behavior changes





# Swiss Fresh Water

**Stakeholder's Category:**

Private Start Up and SME

**Contact:**

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CH-1032 Romanel sur Lausanne

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[info@swissfreshwater.ch](mailto:info@swissfreshwater.ch)

<http://www.swissfreshwater.com/>

**Contact person:**

Renaud de Watteville

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**Geographic focus:**

- West Europe
- South Asia

**Key documents:****Thematic expertise:**

Water for people

- Rural/ semi-urban water supply and sanitation
- Urban water supply and sanitation
- Water technologies (water supply and treatment)
- Operation and maintenance, monitoring (soft aspects)

## Senegal



Since 2011, Swiss Fresh Water has been running a successful pilot project with 12 machines in Senegal. Currently, SFW is scaling up its operations with the support of local partners.

# Swiss Red Cross

## Stakeholder's Category:

NGO/CSO/Foundation

## Contact:

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CH-3001 Bern

+41 31 387 71

[info@redcross.ch](mailto:info@redcross.ch)

<https://www.redcross.ch>

## Contact person:

Lorenz Indermühle

[lorenz.indermuehle@redcross.ch](mailto:lorenz.indermuehle@redcross.ch)

## Geographic focus:

- East Europe
- South America
- Central America
- East Africa
- West Africa
- North Africa and Middle East
- South Africa
- Central Asia
- South Asia
- Southeast Asia

## Key documents:

The Swiss Red Cross (SRC) is a private organization that also carries out public tasks on a mandate from the Swiss government or the cantonal authorities. As a member of the International Federation of Red Cross and Red Crescent Societies, which has its headquarters in Geneva, it is part of a worldwide network of 188 National Societies. The purpose of the SRCs activities is to protect the lives, health and dignity of human beings.

## Thematic expertise:

Water for people

- Rural/ semi-urban water supply and sanitation
- Human right to water and sanitation (include water quality, equity, accountability, etc.)
- Water technologies (water supply and treatment)
- Sanitation technologies
- Hygiene promotion and behavior changes
- Operation and maintenance, monitoring (soft aspects)

Water for nature

- DRR (flood management/ drought)

Water and climate change

- Mitigation

## Basic Health Care Project Laos



The SRC Basic Health Care Project in Laos (since 1993) In Laos diarrhoeal diseases are ranked the third leading cause of death for children under 5 years of age, mainly due to poor access to safe drinking water and sanitation services. The SRC, present in country since the 1980ies, currently implements a WASH programme jointly with the Lao Red Cross and in close collaboration with the Government health departments in the Northern Provinces Luang Prabang and Oudomxay. The best suitable technical solution in these mountain areas is the gravity-fed water supply system (GFS). Interventions at village levels start with community dialogues analysing the problems and finding solutions using participatory tools. For the entire construction the communities provide labour and local material. Specifically formed village water committees are in charge of operation and maintenance of the GFS. In this process, trainings are organised for the village technicians. The water committees rely on water fees from each household for purchasing spare parts and paying the local technicians. SRC promotes hygiene through a vast education programme based on the Red Cross Volunteers (RCVs) network. In each village, two RCVs are trained to disseminate hygiene messages and safe hygiene practises. The readiness to invest in the construction of household latrines arises from the families' growing awareness of the health benefits associated with the use of latrines. Their financial contributions are required to develop ownership, a guarantee that the latrine will be used.

## Community Health Project Bangladesh



Community Health Projects in Bangladesh (since 1990's) Polluted surface water, dangerous hygiene practices and arsenic contamination of ground water are major threats to community health in Bangladesh. In addition, floods, droughts and hurricanes regularly affect the country, challenging the access to safe drinking water even more, especially of the poorest. The SRC currently works in the districts of Rajshahi and Chapaj Nawabganj, where a combination of annual floods, seasonal droughts as well as arsenic contamination calls for adapted water options technology. The programme concentrates on strengthening the role and responsibility of the local government at union level, the lowest tier of government in the country. The union councils are supported in their task of integrating community needs into their budget planning and to ensure the transparent selection and contracting of private sector construction companies for building tube wells and household sanitary latrines. Community based organisations (CBO) also formed by the programme take responsibility for the water source management within their territory and are supported during the process of advocacy and negotiation with their government administration in order to improve their access to safe drinking water and sanitary latrines. A maintenance system based on the cooperation between local government and CBOs ensures the sustainability of the water supply systems. Hygiene and health promotion at community level supports these interventions.



# Swiss Society of Hydrogeology

**Stakeholder's Category:**

Umbrella association

**Contact:**

c/o CSD Engineers, CP 384,  
CH-1701 Fribourg

+41 26 460 74 74

<http://www.hydrogeo.ch/fr/societe>

**Contact person:**

Olga Darazs  
[presidente@hydrogeo.ch](mailto:presidente@hydrogeo.ch)

**Geographic focus:**

- Switzerland

**Key documents:**

SSH is a scientific and educational organisation with about 300 members. It is a member of the Swiss Academy of Sciences and represents Switzerland in the International Association of Hydrogeologists (IAH). Its mission is furthering the understanding, wise use and protection of groundwater.

**Thematic expertise:**

Integrated Water Resources Management

- Watershed & land management (basin/local level, participatory/multi-stakeholder planning)
- Data collection and modelling (GIS, hydrology, etc.)

Water for people

- Rural/ semi-urban water supply and sanitation
- Urban water supply and sanitation

Water and climate change

- Modelling
- Adaptation



# Swiss Water Solutions

## Stakeholder's Category:

Private Start Up and SME

## Contact:

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[info@chwatersol.com](mailto:info@chwatersol.com)

[www.chwatersol.com](http://www.chwatersol.com)

## Contact person:

## Geographic focus:

- Switzerland
- East Europe
- West Europe
- South America
- North Africa and Middle East
- South Africa

## Key documents:

Specialised in chemicals distribution, Swiss Water Solutions SA represents in Switzerland fine chemical products and water disinfection products from european manufacturers.

Based in Geneva , SWS is specialised in product definition, marketing, advanced logistics, and after-sale service for the innovative products in its catalog on the swiss territory.

SWS manages the swiss distribution of the water disinfection products from ACN Chemicals Ltd., PoolSan, Bacsan, One Drop and Dermanan.

## Thematic expertise:

Water for people

- ONE DROP ® "One drop" can be used by travellers, hikers, city dwellers and rural populations to provide water that is safe and pleasant to drink. "One Drop" is a saturated acidic complex ionic aqueous solution containing copper, silver, zinc, aluminium and gold. The microscopic action of these natural mineral ions within the algae and bacteria are twofold. First, the algae and bacteria in the water are destroyed through a change in their enzyme processes as the ions break down their DNA structures and cell walls. Secondly, all these charged particles floc together so they can be trapped by a filter or left to settle to the bottom of the container. These ions maintain a stable "One Drop" residual in the water until they are used up by this process. "One Drop" is a versatile product, which purifies water, eliminating water borne diseases. It eliminates gastro intestinal effects of poor drinking water and leaves no unpleasant smell or taste unlike chlorine and bromine tablets.

Water for nature

- BACSAN ® Product Functions Algicide.
- Removes and disinfects the biofilm which forms in pipes, canals and water systems without causing corrosion.
- Prevention of infection of water systems by water born bacteria such as legionella, yersinia, shigella, salmonella, cholera and coliform bacteria.
- Disinfection of water systems contaminated by water born bacteria such as legionella, yersinia, shigella, salmonella, cholera and coliform bacteria.





## SWISSAID

### Stakeholder's Category:

NGO/CSO/Foundation

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### Contact person:

Frank Haupt  
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### Geographic focus:

- Central America
- East Africa
- West Africa
- Central Asia

### Key documents:

Access to clean drinking water improves health essentially of small children and allows women to save time for other activities. During the dry season, many use the well water for small scale vegetable gardening; they improve the diet of the household and can even generate some income. Therefore SWISSAID supports the construction of water wells and boreholes as well as community water supply.

### Thematic expertise:

Integrated Water Resources Management

- Watershed & land management (basin/local level, participatory/multi-stakeholder planning)

Water for people

- Rural/ semi-urban water supply and sanitation
- Water technologies (water supply and treatment)
- Hygiene promotion and behavior changes
- Operation and maintenance, monitoring (soft aspects)

Water for food

- Irrigation techniques (e.g. efficiency of irrigation technologies)
- Operation and maintenance of infrastructure (soft aspects)

## **Rural water supply – Chad**

According to the national Directorate of Hydraulics, only 30% of the rural areas have access to clean drinking water. The national standard is one well for 400 inhabitants, but the average is more than 1000 people for one water point. The project builds 50 boreholes equipped with VLOM hand pumps and advises the community on safe water supply management and water use. Each community establishes a water committee who supervises the water supply and the maintenance fund.

## **Tungurahua water supply – Ecuador**

The population in this volcanic region is very poor and access to safe drinking water limited. The project builds two piped water supply systems for 150 households, including irrigation of 20 ha with 150 sprinklers. The farmers will be trained on ecological agriculture and good irrigation practices.

# SwissWaterKiosk

**Stakeholder's Category:**

NGO/CSO/Foundation

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CH-8005 Zürich

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[rene.mueller@waterkiosk.org](mailto:rene.mueller@waterkiosk.org)

[www.swisswaterkiosk.org](http://www.swisswaterkiosk.org)

**Contact person:**

Amelie Müller

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**Geographic focus:**

- East Africa
- North Africa and Middle East

**Key documents:**

Safe water for Africa

**Thematic expertise:**

Integrated Water Resources Management

- Data collection and modelling (GIS, hydrology, etc.)

Water for people

- Rural/ semi-urban water supply and sanitation
- Water technologies (water supply and treatment)
- Hygiene promotion and behavior changes
- Operation and maintenance, monitoring (soft aspects)



# Terre des hommes

## Stakeholder's Category:

NGO/CSO/Foundation

## Contact:

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CH-1006 Lausanne

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[john.brogan@tdh.ch](mailto:john.brogan@tdh.ch)

[www.tdh.ch](http://www.tdh.ch)

## Contact person:

John Brogan

[john.brogan@tdh.ch](mailto:john.brogan@tdh.ch)

## Geographic focus:

- East Europe
- South America
- Central America
- East Africa
- West Africa
- North Africa and Middle East
- South Africa
- Central Asia
- South Asia
- Southeast Asia

## Key documents:

Terre des Hommes' (TDH) mission is to work for the rights of the child and for equitable development, without racial, religious, political, cultural or gender-based discrimination. To this end, TDH supports and implements development and humanitarian aid projects designed to improve the living conditions of disadvantaged children, and of their families and communities. Tdh's Water, Sanitation and Hygiene programme are governed by principles within the framework of a child rights approach to programming. The Tdh integrated approach consists of both the curative and preventative measures of WASH interventions, health care (primary treatment, nutrition, etc.), protection (psycho-social) and advocacy, so as to tackle the basic causes of the situation.

## Thematic expertise:

Integrated Water Resources Management

- Watershed & land management (basin/local level, participatory/multi-stakeholder planning)

Water for people

- Legal and regulatory framework
- Rural/ semi-urban water supply and sanitation
- Urban water supply and sanitation
- Human right to water and sanitation (include water quality, equity, accountability, etc.)
- Water technologies (water supply and treatment)
- Sanitation technologies
- Hygiene promotion and behaviour changes

Water for food

- Irrigation techniques (e.g. efficiency of irrigation technologies)

Water for nature

- Environmental Impact Assessment
- DRR (flood management/ drought)

Water and climate change

- Adaptation, Mitigation



# The Gold Standard Foundation

**Stakeholder's Category:**

NGO/CSO/Foundation, Transnational Company

**Contact:**

Avenue Louis Casai 79,  
1216 Geneva

+41 22 788 70 80

[info@goldstandard.org](mailto:info@goldstandard.org)

<http://www.goldstandard.org/>

**Contact person:**

Brendan Smith

[brendan.smith@goldstandard.org](mailto:brendan.smith@goldstandard.org)

**Geographic focus:**

- West Africa
- Central Asia

**Key documents:**

- [Water Benefit Standard FAQs](#)

The Gold Standard aims to create an equitable world where the planet's resources are used responsibly and sustainable development brings life-changing benefits to communities everywhere. Our role is ensuring every dollar of environmental and development funding goes as far as it can. To do this, we design the strongest processes that amplify the impact of efforts to deliver clean energy and water, responsibly manage land and forests, and transform lives in local communities. We then verify those outcomes, inspiring greater confidence that drives investment to accomplish even more.

**Thematic expertise:**



## Clean Water Access – WaterHealth India

**WaterHealth India (WHIN)** is a wholly owned subsidiary of WaterHealth International, a company that aims at providing scalable, safe drinking water solutions to underserved areas in India through advanced technology and self-sustaining business models based on WaterHealth Centres. These centres are modular structures that house water purification equipment to treat locally available water. Each WHC produces World Health Organization (WHO) quality water that is available, for a nominal usage fee that is determined appropriate and affordable in partnership with communities. **WHIN works** with communities through local government bodies to identify suitable installation sites where safe drinking water can be accessed by the locals or supplied to their homes depending on their needs. These centres are designed to replace local wells and other water supplies, like the one below, in which the water quality is not assured and can result in the spread of waterborne diseases. **The community** provides land and the source of raw water to WHIN while the latter invests in and installs state of the art i.e. Ultra Violet (UV) and Reverse Osmosis (RO) based water purification systems. The safe drinking water is supplied to the consumers in specially designed containers which are sold to the local community for a nominal charge. Operational expenses and quality control checks are undertaken and borne by WHIN. Projects are undertaken on a Build, Operate and Transfer (BOT) basis for 10-20 years after which the centre is transferred fully to the community. **WHINs Decentralized Community Water Systems** not only provide easy and affordable access to safe drinking water but also lead to employment generation for youth and women for operating the installation generating awareness about safe drinking water and other health issues through extensive hygiene campaigns in the local communities in which they operate. **WHIN customizes** the technical specifications of its installations based on local raw water quality to

best suit the requirements of the community and adheres to nationally and internationally prescribed standards. **With over 500 centres** built in India since 2006, WHIN plans to build another 30 or more installations in the Bangalore area with revenue from WBCs over the next 7 years.

## Safe Water Programme in Rural Uganda

**The principle** aim of a water access, sanitation and hygiene (WASH) project is to create conditions under which risk of waterborne disease transmission are minimised. However, providing a community or school with safe water that improves health conditions is not a matter of simply installing a new, clean source. It is also necessary that communities realise a transformation in their mentality towards hygiene and the benefits it brings such that they are willing to make it a priority and pay for it to be maintained. **Whave Solutions Ltd.** is working with the Ugandan government to develop a national safe water programme that contracts local water service entrepreneurs to establish and maintain improved water sources and promote hygiene. All water access interventions use low or zero carbon emitting technologies supplied by local producers who reach those households with the greatest needs based on consultations with local communities and NGOs. These entrepreneurs help facilitate this link by working through local Water User Committees in order to form a public-private link between water provision and real community needs. This long term and self-sustaining strategy seeks to achieve the transformation in hygiene attitudes necessary to ensure that water access interventions are maintained. **Whave** was formed in 2011 by experienced development professionals to create a more effective framework for development following the principles of results-based finance. Following a successful one year pilot of this concept in 10 communities in southern Uganda, Whave will use the revenues from the sale of WBCs to expand the concept to cover the whole country and beyond.

# Trunz Water Systems

**Stakeholder's Category:**

Private Start Up and SME

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**Geographic focus:**

- South America
- Central America
- East Africa
- North Africa and Middle East
- South Africa
- Central Asia
- South Asia
- Southeast Asia
- Oceania

**Key documents:**

The Swiss based company Trunz Water Systems develops, manufactures and distributes sustainable and cost effective solutions for water purification and desalination as well as solar power centers. The innovative company offers sustainable solutions for decentralised potable water and electricity supply in remote areas. The units are exceptionally energy efficient, independent, compact and environmentally friendly. Up to now, over 650 Trunz Water Systems are already operating in more than 35 countries all over the world. All of the water treatment systems are low maintenance and easy to install. The capacity depends on the raw water quality and ranges from 7000 to 50000 litres a day. The Trunz innovative and environmentally friendly technologies produce clean drinking water from polluted water and salt water with solar and/or wind energy. An ultrafiltration membrane or a reverse osmosis system (for sea or brackish water) removes all viruses and bacteria (and salts) without requiring toxic chemical treatment.

**Thematic expertise:**

Water for people

- Rural/ semi-urban water supply and sanitation
- Water technologies (water supply and treatment)
- Operation and maintenance, monitoring (soft aspects)

### Kenya: mobile water treatment



During a road trip through Kenya, our dealer promoted clean, safe water for remote communities. For easy relocation and transportation, a trailer mounted Trunz Water System powered by solar provided ideal equipment for such application (also for military, disaster response etc.). [Read more](#)

### Malaysia: decentralised drinking water supply for remote communities



Trunz Water Systems in cooperation with the local dealer installed several water treatment systems in remote communities where no infrastructure was available. All units are powered by solar energy and work independently, even under harsh climate conditions. A water and pumping station was built in each village where the inhabitants can fill in bottles etc. with clean drinking water. Poor people living in remote areas are no served with safe, clean water. [Read more](#)

# Vivamos mejor

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NGO/CSO/Foundation

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**Contact person:****Geographic focus:****Key documents:****Thematic expertise:**



# Volkart Stiftung

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**Geographic focus:****Key documents:**

Volkart Vision Foundation supports projects that address current social problems and issues, but that are also significant for future generations. We support projects and organizations that are concerned with the topics water and women.

**Thematic expertise:**

Integrated Water Resources Management

- Watershed & land management (basin/local level, participatory/multi-stakeholder planning)

Water for people

- Rural/ semi-urban water supply and sanitation
- Water technologies (water supply and treatment)
- Sanitation technologies



# World Vision

## Stakeholder's Category:

NGO/CSO/Foundation

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## Geographic focus:

- East Europe
- South America
- Central America
- East Africa
- West Africa
- South Africa
- Central Asia
- South Asia
- Southeast Asia

## Key documents:

## Thematic expertise:

Integrated Water Resources Management

- Watershed & land management (basin/local level, participatory/multi-stakeholder planning)

Water for people

- Legal and regulatory framework
- Rural/ semi-urban water supply and sanitation
- Urban water supply and sanitation
- Human right to water and sanitation (include water quality, equity, accountability, etc.)
- Water technologies (water supply and treatment)
- Sanitation technologies
- Hygiene promotion and behavior changes
- Operation and maintenance, monitoring (soft aspects)

Water for food

- Irrigation techniques (e.g. efficiency of irrigation technologies)
- Operation and maintenance of infrastructure (soft aspects)
- Supply chains & commercialization

Water for nature

- Aquatic Ecosystems

Water and climate change

- Adaptation
- Mitigation



## Basic Rural Sanitation in Peru



Families with children under 5 from 7 communities do have improved sanitation conditions as well as hygienic practices on household level. This was done through the construction of sanitation facilities with digester tanks, construction of a waste water treatment plant and the expansion of a gravity fed water system.

## Urban Sanitation and Water Supply in Zimbabwe, Southern Africa



The goal of the project is to reduce vulnerability to waterborne diseases in the City of Bulawayo (1,2 Mio Population) through improved sewerage & water supply systems. It also aims to improve customer care and financial sustainability of the Bulawayo City Council in the provision of water and sanitation services.



# WWF Switzerland

## Stakeholder's Category:

NGO/CSO/Foundation

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## Geographic focus:

- Switzerland
- East Europe
- South America
- North Africa and Middle East
- Southeast Asia

## Key documents:

## Thematic expertise:

Integrated Water Resources Management

- Watershed & land management (basin/local level, participatory/multi-stakeholder planning)
- National/transboundary watershed management (incl. policy/institutional issues)
- Water policy (processes at international & national levels)

Water for other uses

- Water for energy (hydroelectric techniques, management and financing, water food energy nexus)
- Corporate risks and opportunities (including water footprint, waterstewardship)

Water for nature

- Aquatic Ecosystems
- Payments for watershed services

Water and climate change

- Adaptation
- Mitigation



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