

## Leveraging the data revolution

### *Informed decision-making for better water and sanitation management*

June 25<sup>th</sup> to 29<sup>th</sup> 2018, Spiez, Switzerland  
ABZ, Schachenstrasse 43, Spiez, Switzerland

## Detailed programme

Time	Title	Room
<b>Monday, June 25<sup>th</sup></b>		
<b>as of 7h30</b>	<b>Breakfast or welcome coffee</b>	
8.30	<b>Welcome and introduction to workshop</b> <i>Tandiwe Erlmann, Senior Project Manager, seecon gmbh</i>	Morgenberghorn (Floor1)
9.30	<b>Key note: What data are leaders using and how?</b> <i>Dr. Oyun Sanjaasuren, former Member of Parliament of Mongolia, former Minister of Environment and Green Development, and former Minister of Foreign Affairs. Current Chair of the Global Water Partnership (GWP) and Director of the Zorig Foundation</i>	
10.00	<b>Key note: From Chinese whispers through data analysis to data-based decision-making</b> <i>Marc-André Bünzli, Head Expert Group WASH, Swiss Agency for Development and Cooperation / Humanitarian Aid</i>	
<b>10.30</b>	<b>Coffee</b>	
11.00	<b>Practical insight: Using a simple ICT solution for better water management in urban Angola</b> <i>David Schaub-Jones, Director, SeeSaw</i>	Morgenberghorn (Floor1)
11.45	<b>Group work: Cape Town Water Crisis</b> <i>Information management system City of Cape Town</i>	
<b>12.30</b>	<b>Lunch</b>	
13.30	<b>Group work: Cape Town Water Crisis</b> <i>... continued</i>	Morgenberghorn (Floor1)
14.15	<b>Pitching of clinical cases</b> <ul style="list-style-type: none"> <li>▪ <b>Urban sanitation Ghana:</b> Smart Connected Assets for efficient Operations, Maintenance and Monitoring: Case of GARV Toilets <i>Apama Divakar, Global Strategic Partnership Manager, GARV Toilets</i></li> <li>▪ <b>Emergency WASH Bangladesh:</b> Making it Demand Responsive with Access to Data and Evidence Based Decision-making <i>Saiduzzaman Khan Mohammad, Senior Resource Development Coordinator, National Office, World Vision International</i></li> <li>▪ <b>Rural WASH Bangladesh:</b> Involving local Government Institutions as implementers for O&amp;M rural schemes <i>Nurul Osman, Managing Director, HYSAWA</i></li> <li>▪ <b>Water resources management Colombia:</b> AGUANET: Right of the water</li> </ul>	

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	<p><i>Juan-Felipe Pinto-Castelblanco, Volunteer, RNJA/TECHO</i></p> <ul style="list-style-type: none"> <li>▪ <b>Rural WASH Ethiopia:</b> Data management for better implementation of rural water and sanitation facilities <i>Tesfahun Molla, WASH Project Officer, Helvetas</i></li> <li>▪ <b>Water resources management Nepal:</b> linking SDG water quality monitoring at national level and monitoring efforts at local level <i>Ariane Schertenleib, Project Officer, Eawag</i></li> </ul>	
14.30	<p><b>Key note: Zombie statistics – transparency and accountability in WASH</b> <i>Amy Keegan, Policy Officer - Monitoring &amp; Accountability, WaterAid/ WASHwatch</i></p>	
<b>15.00</b>	<b>Coffee</b>	
15.30	<p><b>Introduction to group work</b> <i>Tandiwe Erlmann, Senior Project Manager, seecon</i></p>	Morgenberghorn (Floor1)
15.45	<p><b>Group work on clinical cases</b> <b><i>Understanding decision-makers and data needs: Who uses what data and how to take decisions for advancing the water &amp; sanitation development agenda?</i></b></p>	Hermann-Herzer (Floor1)/ Hondrich (Floor0)/ Seebergsee (Floor-1)
17.00	<b>Evaluation and end of day 1</b>	
<b>Tuesday, June 26<sup>th</sup></b>		
8.30	<b>Recap</b>	Morgenberghorn (Floor1)
8.35	<p><b>Key note: The value of data – insights from the aviation industry</b> <i>Florian Teichert, Innovation Officer, World Meteorological Organization (WMO)</i></p>	
8.50	<p><b>Group work on clinical cases</b> <b><i>Understanding the evidence-based decision-making process: How is the process from data to decision to be managed, by whom and what technological and social innovations can be leveraged to facilitate the process?</i></b></p>	Hermann-Herzer (Floor1)/ Hondrich (Floor0)/ Seebergsee (Floor-1)
<b>10.30</b>	<b>Coffee</b>	
11.00	<p><b>Practical insight: From data to action-oriented decisions</b> <i>Thomas Bjelkeman-Pettersson, Co-founder and director, Akvo Foundation</i></p>	Morgenberghorn (Floor1)
11.45	<p><b>CoP meets Workshop: What is the AGUASAN Community of Practice (COP)?</b> <i>Roger Schmid, Water &amp; Environmental Sanitation Specialist, Skat Consulting Ltd.</i></p>	Merligen (Floor0)
11.50	<b>Speed dating</b>	
<b>12.30</b>	<b>Lunch</b>	
13.30	<p><b>Panel: Transboundary data sharing</b></p> <ul style="list-style-type: none"> <li>▪ <i>Dr. Oyun Sanjaasuren, former Member of Parliament of Mongolia, former Minister of Environment and Green Development, and former</i></li> </ul>	Morgenberghorn (Floor1)

Time	Title	Room
	<p><i>Minister of Foreign Affairs. Current Chair of the GWP and Director of the Zorig Foundation</i></p> <ul style="list-style-type: none"> <li>▪ <i>Ambassador Pio Wennubst, Assistant Director General of Swiss Agency for Development and Cooperation (SDC), Head of the Global Cooperation Department</i></li> <li>▪ <i>Sonja Koeppel, Manager of the Climate Change Programme, Convention on the Protection and Use of Transboundary Watercourses and International Lakes, UNECE</i></li> </ul>	
14.15	<p><b>Market place</b></p> <ul style="list-style-type: none"> <li>▪ <i>“E-learning and blended learning programs: sanitation, water and solid waste for development” (Fabian Suter)</i></li> <li>▪ <i>“Informed choices about the procurement and distribution of household water filters in emergencies” (Maryna Peter)</i></li> <li>▪ <i>“Data collection and decision making within WASH projects” (James Ray)</i></li> <li>▪ <i>“Decision options for strategic sanitation planning: considering the growing number of criteria and technology options” (Dorothee Spuhler)</i></li> <li>▪ <i>“Smartphone Application (Discharge.ch)” (Maxence Carrel, Salvador Peña)</i></li> <li>▪ <i>“Establishing a Drinking Water Safety Strategy in Mid-Western Nepal” (Sara Marks)</i></li> <li>▪ <i>“Impact evaluation of the CHAST methodology” (Rob van Hout)</i></li> <li>▪ <i>“El Agua Nos Une in the Water Action Hub: technologies, good practices and actions from the private sector” (Diana Rojas)</i></li> <li>▪ <i>“Customer Satisfaction Survey on Water Supply Services in Ukraine” (Viacheslav Sorokovskiy)</i></li> <li>▪ <i>“Akvo Effective Data” (Thomas Bjelkeman-Pettersson)</i></li> <li>▪ <i>“Can holding donors accountable for collecting and sharing post-implementation data change WASH outcomes? (Susan Davis)</i></li> <li>▪ <i>“Blue Community – Water, a common good” (Karl Heuberger / Lisa Krebs)</i></li> <li>▪ <i>“Internet of Toilet (IoT) -Smart Septic Tank Monitoring” (Tatchai Pussayanavin)</i></li> <li>▪ <i>“Non-Traditional Data through Local Involvement and from Remote Sensing - Opportunities for more Effective and Sustainable Water Resources Management” (Tobias Siegfried, Robert Naudascher, Silvan Ragettli)</i></li> <li>▪ <i>“Hydrogeological cartography” (Sabine Maier, Maria Moncada)</i></li> <li>▪ <i>“Innovation in technologies and techniques to promote consumption of safe water and behavior change in sanitation and hygiene: from practice to evidence” (Marco Caniato)</i></li> <li>▪ <i>“Applying AquaRating in Lebanon, a tool to evaluate business processes, carry out technical auditing and drive performance improvement” (Luisa Münter)</i></li> <li>▪ <i>“Using innovative investment and data analysis to reduce Non-revenue Water” (Wario Bonaya)</i></li> <li>▪ <i>“Fair and equitable use of water and its impact on livelihoods of communities” (Sana Omar)</i></li> <li>▪ <i>“Padding Up for Life: Practices and Challenges concerning Menstrual Hygiene in Rural India” (Niharika Singh)</i></li> <li>▪ <i>“Slum upgrading and its impact on household sanitation practices in Kibera, Kenya” (Edinah Samuel)</i></li> <li>▪ <i>“Water metering campaigns in urban areas” (Tunzhurbek Kudabaev)</i></li> </ul>	Bärenplatz (Floor0)

Time	Title	Room
	<ul style="list-style-type: none"> <li>▪ “Full cost recovery tariff and social accountability” (Rahbar Homidova)</li> <li>▪ “Monitoring and data for rural water supplies: Different perspectives. Common goals.” (Sean Furrey)</li> </ul>	
<b>15.00</b>	<b>Coffee</b>	
15.30	<b>Practical insights</b> (parallel sessions): <ul style="list-style-type: none"> <li>▪ <b>Innovation to Improve Children’s Health: Lessons learnt from leDA piloting in Burkina Faso</b> <i>Thierry Agagliate, Head of Disruptive Innovation, Terre des hommes</i></li> <li>▪ <b>Non-traditional (Irrigation-) Water Monitoring through Local Involvement</b> <i>Tobias Siegfried, Partner &amp; Robert Naudascher, Research Assistant, Hydrosolutions Ltd.</i></li> <li>▪ <b>What are Joint Sector Reviews and why do they matter?</b> <i>Kerstin Danert, Water Supply and Sanitation Specialist, Skat Consulting Ltd.</i></li> </ul>	Morgenberghorn (Floor1) Hondrich (Floor0) Thunersee (Floor-1)
16.15	<b>Market place</b> <i>... continued</i>	Bärenplatz (Floor0)
17.00	<b>Evaluation and end of day 2</b>	
<b>17.00</b>	<b>Networking apéro</b>	
<b>Wednesday, June 27<sup>th</sup></b>		
8.30	<b>Recap</b>	Morgenberghorn (Floor1)
8.35	<b>Practical insight: Rural WASH Information System: DATASS</b> <i>Cesarina Quintana Garcia de Paredes, Senior National Program Officer/ LAC WASH Regional Adviser, Swiss Development and Cooperation/ Global Programmes on the Andes</i>	
9.20	<b>Practical insight: Better data for urban sanitation</b> <i>Lindsey Noakes, Cofounder &amp; Director, Gather</i>	
<b>10.05</b>	<b>Coffee</b>	
10.35	<b>Group work on clinical cases</b> <b>Understanding the evidence-based decision-making process</b> <i>... continued</i>	Hermann-Herzer (Floor1)/ Hondrich (Floor0)/ Seebergsee (Floor-1)
<b>11.50</b>	<b>Transfer to bus and packing of lunch bags</b>	
12.00	<b>Field trip: Information management and coordination for flood prevention and water quality control</b> <ul style="list-style-type: none"> <li>▪ <b>Stop 1 Mont Vully: Jura Water Correction &amp; Role of Associations</b> <i>Heinz Habegger, Water Excellence AG, Chairman Swiss Water Association (VSA), Vice-Chairman Water Agenda 21 and former Director of Agency of Water and Waste of the Canton of Berne</i></li> <li>▪ <b>Stop 2 Magglingen: Landscapes and Hydrology of Switzerland &amp; Hydrological Atlas of Switzerland HADES – Innovative Data Platform for Water Resources Management</b></li> </ul>	

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	<p><i>Prof. Dr. Rolf Weingartner, Institute of Geography University of Berne</i></p> <ul style="list-style-type: none"> <li>▪ <b>Stop 3 Port: Data Based Decision Making for Flood Protection – Preparedness / Stakeholder Management, etc.</b></li> </ul> <p><i>Gabriela Friedl, Hydromety, Office for Environment Canton of Solothurn</i></p>	
18.30	<b>Evaluation and end of day 3</b>	
<b>19.00</b>	<b><i>Dinner at restaurant Solheure in Solothurn (back at ABZ at approx. 22.30)</i></b>	
<b>Thursday, June 28<sup>th</sup></b>		
8.30	<b>Recap</b>	Morgenberghorn (Floor1)
8.35	<p><b>Practical insight: Emergency WASH Information Management</b></p> <p><i>Aliocha Salagnac, Information Management Specialist &amp; Dominique Porteaud, Global WASH Cluster Coordinator, UNICEF</i></p>	
9.20	<p><b>Practical insight: Groundwater Mapping and Monitoring of Chad</b></p> <p><i>Pascal Vinard, Programme Head ResEau Chad, Swiss Agency for Development and Cooperation (SDC)</i></p>	
<b>10.05</b>	<b>Coffee</b>	
10.35	<p><b>Group work on clinical cases</b></p> <p><b><i>Understanding the enabling environment: How can the enabling environment be reformed to ensure that the data revolution is leveraged for an efficient and effective decision-making process?</i></b></p>	Hermann-Herzer (Floor1)/ Hondrich (Floor0)/ Seebergsee (Floor-1)
<b>12.30</b>	<b>Lunch</b>	
13.30	<p><b>Group work on clinical cases</b></p> <p><i>... continued</i></p>	Hermann-Herzer (Floor1)/ Hondrich (Floor0)/ Seebergsee (Floor-1)
15.00	<b>Evaluation and end of day 4</b>	
<b>as of 15.00</b>	<b>Coffee and free time</b>	
<b>Friday, June 29<sup>th</sup></b>		
8.30	<b>Recap</b>	Morgenberghorn (Floor1)
8.35	<p><b>Presentation of group work</b></p> <ul style="list-style-type: none"> <li>▪ <i>Description of evidence-based decision-making process and corresponding tools</i></li> <li>▪ <i>Stakeholders managing the process: their roles, interests, needs and relationships</i></li> <li>▪ <i>En-/ Disabling environment (drivers and barriers)</i></li> <li>▪ <i>Recommendations for specific stakeholder groups</i></li> </ul>	
9.35	<p><b>Development of synthesis</b></p> <p><i>Synthesizing workshop results and generalizing case-specific results</i></p>	
<b>10.30</b>	<b>Coffee</b>	

<b>Time</b>	<b>Title</b>	<b>Room</b>
11.00	<b>Development of synthesis</b> <i>... continued</i>	Morgenberghorn (Floor1)
12.00	<b>Presentation of synthesis</b>	
<b>12.30</b>	<b>Lunch</b>	
14.00	<b>Deriving recommendations</b> <i>Formulating recommendations targeted at specific stakeholder groups</i>	Morgenberghorn (Floor1)
14.30	<b>Concluding remarks</b> <i>Eileen Hofstetter, Deputy Head, Swiss Agency for Development and Cooperation (SDC) Global Programme Water (GPW)</i> <b>Certificates and evaluation</b>	
<b>15.00</b>	<b>Coffee and end of workshop</b>	