

# Program

## SMART WATER FOR RESILIENT CITIES

Date: February 25th, 2021

Time: 13:00 – 17:30 h (CET)

Location: Online

### Welcoming Remarks

13:00 – 13:20	<p><b>Welcoming remarks</b></p> <ul style="list-style-type: none"> <li>• Julia Braune, General Manager, German Water Partnership e.V.</li> <li>• Frank Bruckmann, Chief Financial Officer, Utility Berliner Wasserbetriebe</li> </ul> <p><b>Keynote speech</b></p> <ul style="list-style-type: none"> <li>• Claudia Castell-Exner, President EurEau</li> </ul>
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### Topic section I – Innovative Asset Management Processes

13:20 – 13:35	<p><b>Innovative Asset Management Processes</b></p> <ul style="list-style-type: none"> <li>• Regina Gnirß, Head of Research and Development, Utility Berliner Wasserbetriebe</li> </ul>
13:35 – 13:40	Short break
13:40 – 14:15	<p>Project Presentation: <b>Artificial Intelligence in Sewer Systems</b></p> <p><b>Identification of sewer damages by using intelligent image analysis</b></p> <ul style="list-style-type: none"> <li>• Daniel Sauter, Research and Development, Utility Berliner Wasserbetriebe</li> </ul> <p><b>From data to decisions: new tools and methods for sewer asset management</b></p> <ul style="list-style-type: none"> <li>• Mathias Riechel, Project Leader &amp; Scientist, Berlin Center of Competence for Water</li> </ul> <p><b>Hades AI</b></p> <ul style="list-style-type: none"> <li>• Christian Koch, Co-Founder Hades AI</li> </ul>
14:15 – 14:20	Short break
14:20 – 14:50 (parallel sessions)	<p>Break-Out Session</p> <p><b>Innovative tools for asset management strategies</b></p> <ul style="list-style-type: none"> <li>• Dr.-Ing. Robert Stein, Managing Director, STEIN Infrastructure Management GmbH</li> <li>• Dr. Agnes Janda, Department Head for Sewer Infrastructure, Gelsenwasser AG</li> </ul>
	<p>Break-Out Session</p> <p><b>Guidelines for the assessment of wastewater networks</b></p> <ul style="list-style-type: none"> <li>• Prof. Dr.-Ing. Karsten Kerres, Department of Civil Engineering, FH Aachen</li> <li>• Prof. Andreas Hartmann, Managing Director, Stadtentwässerung Braunschweig GmbH</li> </ul>
	<p>Break-Out Session</p> <p><b>Status quo: physical modelling of sewer failures</b></p> <ul style="list-style-type: none"> <li>• Prof. Dr.-Ing. Bert Bosseler, Scientific Director, IKT - Institute for Underground Infrastructure</li> </ul>
	<p>Break-Out Session</p> <p><b>IoT networks and sensors: A look into the future of Smart Sewer Systems</b></p> <ul style="list-style-type: none"> <li>• Lena Heinrich, Managing Director Isle Germany, Isle Utilities</li> </ul>
14:50 – 15:00	Synopsis Block I
<b>Break</b>	
15:00 – 15:30	Active networking break

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Topic section II – Water Utilities in Smart Cities	
15:30 – 15:50	<b>Smart City Strategy</b> <ul style="list-style-type: none"> <li>Prof. Jochen Rabe, CEO, Berlin Center of Competence for Water</li> <li>Walter Kling, Dept. Managing Director, Vienna Water</li> </ul>
15:50 – 15:55	Short break
15:55 – 16:25	Project Presentation: <b>Digital-Water.City</b> <b>The benefits of digital solutions for the water sector</b> <ul style="list-style-type: none"> <li>Dr. Nicolas Caradot, Project Coordinator, Berlin Center of Competence for Water</li> </ul> <b>Focus on Paris: An early warning system for bathing water quality</b> <ul style="list-style-type: none"> <li>Sofia Housni, DWC project leader, SIAAP – Greater Paris Sanitation Authority</li> </ul>
16:25 – 16:30	Short break
16:30 – 17:00 (parallel sessions)	Break-Out Session <b>How can open-source standards boost the development of smart solutions?</b> <ul style="list-style-type: none"> <li>Rebekah Eggers, Americas Technical Innovation Leader, IBM Global Markets, Energy, Environment &amp; Utilities, IBM North America</li> <li>Dr. Lydia Vamvakeridou-Lyroudia, Program Director of Watershare, KWR Water Research Institute, Netherlands</li> </ul>
	Break-Out Session <b>How to support circular economies with innovative wastewater treatment</b> <ul style="list-style-type: none"> <li>Prof. Francesco Fatone, IWA Fellow/Full Professor of Chemical and Environmental Engineering, Università Politecnica delle Marche, Italy</li> </ul>
	Break-Out Session <b>Digital water governance: What are the challenges associated with digitalization in the water sector?</b> <ul style="list-style-type: none"> <li>Dr. Ulf Stein, Coordinator Water Studies, Ecologic Institute gGmbH</li> <li>Gerardo Anzaldúa, Senior Fellow on Water Policy and Innovation, Ecologic Institute gGmbH</li> </ul>
	Break-Out Session <b>Smooth Operators: Building Utilities' Resilience to Climate, COVID and other Crises</b> <ul style="list-style-type: none"> <li>Julie Perkins, Officer-in-Charge of the Secretariat, UN-Habitat's Global Water Operators' Partnerships Alliance (GWOPA)</li> </ul>
17:00 – 17:10	Synopsis Block II
Closing Keynote	
17:10 – 17:25	<b>Keynote speech</b> <ul style="list-style-type: none"> <li>Paul Fleming, Global Water Program Manager, Microsoft USA</li> </ul>
Closing Remarks	
17:25 – 17:30	<b>Summary and outlook on November event</b>
From 17:30	Opening of topic-based networking

Moderated by Katie Gallus