

# Program

## SMART WATER FOR RESILIENT CITIES

Date: February 25th, 2021

Time: 13:00 – 17:30 h (CET)

Location: Online

### Welcoming Remarks

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| 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, Berlin Water Utilities</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

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| 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, Berlin Water Utilities</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, Berlin Water Utilities</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<br>(parallel sessions) | <p>Break-Out Session</p> <p><b>Innovative tools for asset management strategies</b></p> <ul style="list-style-type: none"> <li>• 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, 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>• 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 |  |
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| 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><br><b>The benefits of digital solutions for the water sector</b> <ul style="list-style-type: none"> <li>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<br>(parallel sessions)               | Break-Out Session<br><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>Lydia Vamvakieridou-Lyroudia, Program Director of Watershare, KWR Water Research Institute, Netherlands</li> </ul>  |
|  | Break-Out Session<br><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<br><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<br><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 break-out sessions  |

Moderated by Katie Gallus