

Preliminary 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>Welcoming remarks</p> <ul style="list-style-type: none"> • Julia Braune, General Manager, German Water Partnership e.V. • German Utility (tbc) <p>Keynote speech</p> <ul style="list-style-type: none"> • Claudia Castell-Exner, President, EurEau
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Topic section I – Innovative Asset Management Processes

13:20 – 13:40	<p>Innovative Asset Management Processes</p> <ul style="list-style-type: none"> • Regina Gnirß, Head of Research and Development, Berlin Water Utilities
13:40 – 13:45	Short break
13:45 – 14:15	<p>Project Presentation: Artificial Intelligence in Sewer Systems</p> <p>Identification of sewer damages by using intelligent image analysis</p> <ul style="list-style-type: none"> • Daniel Sauter, Research and Development, Berlin Water Utilities <p>From data to decisions: new tools and methods for sewer asset management</p> <ul style="list-style-type: none"> • Mathias Riechel, Project Leader & Scientist, Berlin Center of Competence for Water <p>Hades AI</p> <ul style="list-style-type: none"> • Christian Koch, Co-Founder, Hades AI
14:15 – 14:20	Short break
14:20 – 14:50 (parallel sessions)	<p>Break-Out Session</p> <p>Innovative tools for asset management strategies</p> <ul style="list-style-type: none"> • Dr. Agnes Janda, Department Head for Sewer Infrastructure, Gelsenwasser AG • Robert Stein, Managing Director, STEIN Infrastructure Management GmbH <hr/> <p>Break-Out Session</p> <p>Guidelines for the assessment of wastewater networks</p> <ul style="list-style-type: none"> • Prof. Dr.-Ing. Karsten Kerres, FH Aachen • Prof. Andreas Hartmann, Managing Director, Stadtentwässerung Braunschweig GmbH <hr/> <p>Break-Out Session</p> <p>Status quo: physical modelling of sewer failures</p> <ul style="list-style-type: none"> • Bert Bosseler, Scientific Director, IKT - Institute for Underground Infrastructure <hr/> <p>Break-Out Session</p> <p>IoT networks and sensors: A look into the future of Smart Sewer Systems</p> <ul style="list-style-type: none"> • Lena Heinrich, Managing Director Isle Germany, Isle Utilities
14:50 – 15:00	Synopsis Block I
Break	
15:00 – 15:30	Active networking break

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

Moderated by Katie Gallus