The Bathing Water Working Group together with the Horizon 2020 project digital-water.city, and the EU-LIFE project iBathWater are organizing a workshop on the **digitalization of bathing water management** during the **next edition of Water Market Europe 2022.**

The objectives of the workshop will be to

- **explore the benefits of digital innovations** such as online sensors, machine learning, process-based models and mobile apps for managing microbial safety of bathing water sites,
- **promote an open source data-driven early-warning system, which is** currently developed within digital-water.city and
- **draw concrete policy recommendations** for the ongoing revision of the Bathing Water Directive (BWD).

Agenda		
5 April 2022, 09:00-12:45 am (CET)		
Time	**Presentation**	**Who**
09:00 – 09:10	**Welcome introduction**	**Pascale Rouault**, KWB Head of Department Urban Systems, Water Europe Co lead Working Group Diffuse Pollution
09:10 – 09:40	Policy issues: Status of evaluation of Bathing Directive. Challenge of no declared beaches, recreational uses.	**Sylvia Bartolini**, Head of Unit DG ENV.C2 Marine Environment & Water Industry, European Commission
09:40 – 09:50	Bathing Water Directive Evaluation: Recommendations and Water Europe activities.	**Loic Charpentier**, Innovative Water Policy Manager, Water Europe
09:50 – 10:35	Examples of 3 cities with short-term pollution issues and different status of experience with digital solutions.	3 x 10 min presentations + 15 min Q&A
	Digital solutions as a support for bathing sites management in Paris region.	**Jean-Pierre Tabuchi**, Technical Advisor at the Territorial Strategy Direction **Sofia Housni**, Project Manager at the Innovation Direction SIAAP, Greater Paris Sanitation Authority
	Bathing water management using an early detection system in Berlin: Challenges, benefits and outlook.	**Sebastian Hoppe**, The Regional Office for Health and Social Affairs Berlin (LAGeSo). Group Leader and Acting Head of Unit for Water hygiene and environmental health protection, surveillance and epidemiology of infectious diseases.
	Bathing water management in rivers in Swiss (TBC).	**Lausanne municipality representative** - TBC

10:35 – 10:50	**Break**	
10:50 – 11:25	Innovative monitoring solutions for bathing water management.	3 x 10 min presentations + 5 min Q&A
	Coli Minder, feedback from a 2-year experiment in Paris.	**Miguel Gillon-Ritz**, Head of Unit « Large water cycle and water quality », Water and Sanitation Department, City of Paris
	Accurate fully-automated in-situ microbiology using ALERT V2 technology. Validation data and field deployment examples.	**Dan Angelescu**, Fluidion CEO and R&D Director
	AquaBio, a new tool for bathing water management.	**Montserrat Batlle**, Senior Innovation Specialist, ADASA Sistemas
11:25 – 12:10	Innovative monitoring solutions for bathing water management.	3 x 10 min presentations + 5 min Q&A
	An open-source application for developing and implementing data-driven early warning systems at for river bathing locations.	**Wolfgang Seis**, Researcher Center of Competence for Water Berlin, KWB
	Practical use of bathing water modelling and integrated beach management in Barcelona" (TBC).	**Blanca Aznar**, Urban Services – Urban Ecology, Operation Direction, Barcelona Water Cycle, BCASA
	SINERGEA - Digital platform for bathing waters management in coastal cities.	**Marta Rodrigues**, Research Officer, Hydraulics and Environment Department, National Laboratory for Civil Engineering (LNEC)
12:10-12:40	Using digital solutions for BWD policy compliance: challenges and bottlenecks?	Moderation: **Pascale Rouault** (Mix of point of views with experts / city managers / policymakers)
12:40-12:45	**Closing workshop**	**Andrea Rubini**, Director of Operations, Water Europe