



## **JASPERS Networking Platform**

### **Webinar on Digitalisation in the European Water Sector**

### **Policy Frameworks and Smart Water Tools**

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**Date:**                   **28 October 2021, 10:00am**

**Location:**               **Virtual meeting - WebEx**

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The JASPERS Networking Platform was created to complement JASPERS project advisory operations by implementing knowledge sharing and capacity building activities, as well as fostering dissemination of good practices and exchange of experiences among all EU member states, pre-accession countries and other JASPERS Stakeholders.

More information is available at [www.jaspersnetwork.org](http://www.jaspersnetwork.org).

#### **Description of the Webinar**

The purpose of the webinar is to increase participants' awareness of the benefits and challenges of current smart water technologies such as Artificial Intelligence, machine learning, big data management, Internet of Things, smart non-revenue water reduction, smart operation of water networks and wastewater networks and smart asset management. Furthermore, it should make participants aware of key steps and main considerations in investments in smart water tools – so they can better prepare, implement, and ensure secured operations and maintenance activities. Lastly, this workshop aims to better prepare future investment activities to reduce the use of resources and GHG emission, with possible financing by EU funds for 2021-27.

This webinar is jointly organised with DG REGIO and DG Environment, who will present the relation between the European policy framework and the digitalisation of the water sector.

Speakers from JASPERS and several European water utilities will talk about their experience, the benefits and the challenges of planning and implementing smart water tools.

The webinar is aimed at participants from water utilities, their associations, Managing Authorities and relevant line Ministries. Consultants will be accepted as participants only if they are duly appointed by a Public Authority or a Project Promoter.

The workshop will be held in English, and participants will have the chance to join the Q&A discussions.

In this respect, participants are encouraged to indicate their questions on the topics that will be addressed in the workshop when filling in the pre-event questionnaire included in the online registration form as a proposal for debate during the Q&A sessions and final round table.

## TENTATIVE AGENDA

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10:00 – 10:10	<b>Welcome and introduction</b> Massimo MARRA, JASPERS Coordination and Capacity Building, EIB Daphne VOSS, Water Management / Water Advisory Division - JASPERS, EIB
10:10 – 10:20	<b>Opening remarks</b> DG ENVIRONMENT – Sabine BOURDY, Head of Unit DG REGIO – Sabine VANDERMOTTEN, Deputy Head of Unit
10:20 – 10:50	<b>How do the policy frameworks such as the European Green Deal, Cohesion Policy and the EU environmental policy promote digitalisation in the water sector?</b> Presentation by DG ENVIRONMENT on the EU environmental policy framework in support of digitalisation in the water sector – Pavlos MOURATIDIS, Marine Environment and Water Industry, DG ENVIRONMENT Presentation by DG REGIO on the policy framework for cohesion policy Funds in 2021-2027 – Máté TAS, Smart and Sustainable Growth, DG REGIO G1
10:50 – 11:10	<b>Q&amp;A and Coffee break</b>
11:10 - 11:40	<b>Digital roadmap and overview of smart water technologies</b> <ul style="list-style-type: none"><li>• Digital roadmap</li><li>• Internet of Things (IoT)</li><li>• Big Data Management</li><li>• Machine learning and Artificial Intelligence</li><li>• Smart network operation</li><li>• Smart Asset Management</li><li>• Smart Non-Revenue Water Reduction</li></ul> Leon Schmid – Daphne Voss EIB
11:40 – 12:00	<b>Q&amp;A</b> Moderated
12:00 – 13:00	<b>Lunch Break / Networking opportunities on internet platform</b>
13:00 – 13:30	<b>Smart Water Metering and Non-Revenue Water Reduction</b> Kevin MURRAY, Irish Water
13:30 – 14:00	<b>Smart Asset management within the digital transformation</b> Jesper KJELDS, Aarhus Vand, Water Utility, Danmark
14:00 – 14:30	<b>From big data to information: How data scientists transform our utility with data driven algorithms</b> Mario MAESSEN, Vitens, Water Utility, Netherlands
14:30 – 14:45	<b>Coffee Break</b>

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14:45 – 15:15	<b>Optimising sewer investments and reducing stormwater overflows through smart network operation</b> Bartosz ZABORSKI, MPWiK, Water Utility, Poland
15:15 – 15:45	<b>Digital Twin for a WWTP: when is it useful, what is needed and how to implement</b> Magnus EMANUELSSON, Roslagsvattens, Water Utility, Sweden
15:45 – 16:15	<b>Q&amp;A Discussion</b> Moderated
16:15 – 16:30	<b>Final Remarks and Closing</b> Eckart TRONNIER, Water Advisory Division – JASPERS, EIB Daphne VOSS, Water Management / Water Advisory Division - JASPERS, EIB
16:30 – 17:30	<b>Networking opportunities on internet platform</b>

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