

Friday, June 5, 2020

Time	Title	Chair
14:00	Towards a common European green dataspace – the case of water	Graziana (European Commission, DG CONNECT)

Description of the session

The European Green Deal recognises that accessible and interoperable data, combined with digital infrastructure and artificial intelligence solutions, facilitate evidence-based decisions and expand the capacity to understand and tackle environmental challenges. In its efforts to unlock the full benefits of the digital transformation for environment, the Commission aims to provide financial support through the proposed Digital Europe Programme to consortia helping to build the common European green dataspace, by facilitating data collection, interoperability, data sharing, appropriate data governance, use of algorithms and impactful data services. All this may need an appropriate infrastructure to facilitate data exchange, processing and visualization, by interconnecting various data infrastructures / platforms through an open digital ecosystem of data, algorithms and insights. The area of water has already made great progress – in particular through the ICT4Water cluster - and would be able to demonstrate the services and tools, standards and specifications, data retrieval and re-use, but also the case of integrating such data for example with the whole water management cycle data, or citizen data or other types and sources of data. The added-value of the free flow of non-personal data is made explicit through the provision of additional services. The workshop will seek to present the efforts being carried out by the ICT4Water cluster to strengthen a community of practice in data sharing, interoperability and free flow of knowledge drawing from innovative examples of the its projects portfolio. The innovative approaches developed in the ICT4Water cluster projects presented, is a short sample of the cluster's portfolio potential and, is expected that the workshop, will be a driver to connect to other initiatives with a perspective to strengthen principles on data sharing and test their operability across multiple domains.

Agenda

Chair: Mrs LONERO, Graziana (European Commission DG CONNECT)

- 14:00 - 14:15: **Introduction ICT4Water cluster**: Gabriel Anzaldi, [Linkedin](#)
- 14:15 - 15:35: ICT4Water Projects
 - 14:15 – 14:35: **DIANA** (15 min), Dimitra Perperidou, [Linkedin](#)
 - Q/A 5 min
 - 14:35 – 14:50: **SIM4NEXUS** (10 min), Xavier Domingo, [Linkedin](#)
 - Q/A 5 min
 - 14:50 - 15:05: **INNOQUA** (10 min), Edgar Rubion, [Linkedin](#)

- Q/A 5 min
- 15:05 - 15:20: **FIWARE4WATER** (10 min), Lluís Echeverría, [Linkedin](#)
 - Q/A 5 min
- 15:20 - 15:35: **SCOREWATER** (10 min), Edgar Rubion, [Linkedin](#)
 - Q/A 5 min
- 15:35 – 15:50: **Interoperability** (15 min), Aitor Corchero, [Linkedin](#)
 - Q/A 5 min
- 15:50 – 16:00 **Closing and remarks** Gabriel Anzaldi, [Linkedin](#)

Speakers:

- Dimitra Perperidou, DIANA - <https://www.diana-h2020.eu/>

DIANA is aimed at co-designing and openly demonstrating a commercial service platform that will empower water managers and authorities to optimise the identification and inspection of non-authorized water abstractions for irrigation as well as improve their water management policies and practices, especially in extreme conditions such as drought.

- Xavier Domingo, SIM4NEXUS - <http://www.sim4nexus.eu/>

SIM4NEXUS envisions the Nexus concept as an integral part of the transition towards a resource-efficient and low-carbon economy. In order to boost the necessary transition SIM4NEXUS aims to develop innovative methodologies for the facilitation of the design of policies and bridge knowledge and technology gaps in the field of the water-land-food-energy-climate Nexus under climate change conditions.

- Lluís Echeverría, FIWARE4WATER - <https://www.fiware4water.eu/>

FIWARE is a smart solution platform to support SMEs and developers in creating the next generation of internet services, as the main ecosystem for Smart City initiatives for cross-domain data exchange/cooperation and for the NGI initiative. Fiware4Water intends to link the water sector to FIWARE by demonstrating its capabilities and the potential of its interoperable and standardised interfaces for both water sector end-users and solution providers.

- Edgar Rubion INNOQUA - <http://innogua-project.eu/>

INNOQUA is an Innovative Ecological on-site Sanitation System for Water and Resource Savings that integrates individual low cost, sustainable and biologically-based water sanitation technologies capable of performing a whole water treatment cycle with different configurations adapted to local contexts and markets with industrial scale-up.

- Edgar Rubion SCOREWATER – <https://www.scorewater.eu/>

SCOREwater focuses on enhancing the resilience of cities against climate change and urbanization by enabling a water smart society that fulfils European Sustainable Development Goals 3, 6, 11, 12 and 13 and secures future ecosystem services.

- Aitor Corchero, INTEROPERABILITY – Interoperability

Interoperability and data sharing across services (cross-domain services will be a must) will open the pathway to the establishment of Data Analytics layers which improve decision making process. For the water sector perspective, it represents connecting better along the whole water value chains with a cross domain approach. In this session we'll present the strategy carried out by the ICT4Water cluster since its foundation, and the present and future scope of the working group that has been established among all the projects involved.