WATER INNOVATION: BRIDGING GAPS, CREATING OPPORTUNITIES

2017 CONFERENCE AGENDA

Subject to change.

Wednesday, September 27, 2017

09:00 – 10:30 Networking breakfast

10:30 – 10:45 Opening of the 2017 EIP Water conference
   - Deputy Mayor Rui Loza, City of Porto

10:45 – 11:10 Water innovation: Bridging gaps, creating opportunities
   - João Pedro Matos Fernandes, Minister of the Environment, Portugal

11:10 – 11:50 The circular economy – How water, food, energy, carbon, nutrients and other valuable resources are being connected with innovation
   Chair: Ricardo Costa, National TV Presenter and Journalist, Impresa
   - Carlos Borrego, Director, Department of Environment and Planning, University of Aveiro
   - João Nuno Mendes, Chair, Águas de Portugal Group
   - Diane d’Amar, President, International Water Association (IWA)
   - Noam Komy, VP of Strategy and Corporate Development, Miya Group

11:50 – 13:00 Water and the circular economy, part 1 – industry
   How water is crucial to performance and what industries do to safeguard resource number one
   - Jorge J. Malfeito, R&D Director, Acciona Agua
   - Mona Arnold, VTT Technical Research Centre of Finland
   - Petr Janak, Managing Director, inoTEX
   - Joao Heath, Member of the Board, The Fladgate Partnership
   - Albert Jansen, Wetsus / EIP Water “Indure” Action Group
   - Arjan Boogaards, General Manager for Europe, Middle East & Africa, Nalco Water

13:00 – 14:15 Networking lunch, exhibition, TechTalks, WaterMatch, The Hub and SPLASH

14.15 – 15:15 Innovations for implementing EU water legislation
   Panel: Key challenges to innovation when implementing European water directives
   Chair: José Saldanha Matos, President, European Water Association
   - Joanna Drake, Directorate-General of the Environment, European Commission
   - Pedro Cunha Serra, former Portuguese Water Director and former Chair of the national regulator and Águas de Portugal, TPF Planege Cenor
From wastewater treatment plants to resource facilities: WATER CIRCLE – 2017 winner of the EU Innovation Deal
- Aurora Seco, Professor of Chemical Engineering, University of Valencia / “Water Circle” EIP Water Action Group

Wastewater – source of bioenergy and clean water: The All-Gas and Incover demonstration projects
- Eva Martinez, Head of Smart Services, FCC Aqualia

Green, nature-based water infrastructure: The EIP Water “NatureWAT” Action Group and the AquaNES project.
- Joan Garcia, Polytechnic University of Catalonia / “NatureWat” EIP Water Action Group
- Rita Hochstrat, Research Associate, FHNW University of Applied Sciences and Arts Northwestern Switzerland

Digital solutions for water policies from the ICT4Water cluster
- Aude Glénisson, Content & Technology, Directorate-General Communications Networks, European Commission

15:15 – 16:00 **Societal engagement as a driver for innovation and governance**
An experiment in collective awareness
Chair: Maria João Freitas, Research Officer, LNEC (Portuguese National Laboratory for Civil Engineering)
- Frederico Fernandes, President, Águas do Porto
- Uta Wehn, Associate Professor of Water Innovation Studies, IHE Delft Institute for Water Education
- Piers Clark, CEO, Isle Group Ltd

How modern utilities are engaging with their customers
- Frederico Fernandes, President, Águas do Porto

How serious gaming and social media increases citizen engagement
- Gabriel Anzaldi, Director Smart Systems, Eurecat

What we have learnt from the experiment

16:00 – 17:00 Networking break, exhibition, TechTalks, WaterMatch, The Hub and SPLASH

17:00 – 18:00 **Developing water innovation with R&D centres, innovation hubs and accelerators**
Chair: Jaime Melo Baptista, Principal Research Officer, LNEC (Portuguese National Laboratory for Civil Engineering)

The pains of being an innovator: Or; the good, the bad and the ugly of water innovation
- Piers Clark, CEO, Isle Group Ltd

The Water Campus in Leeuwarden: Hot-bed of innovation and commercialisation
- Cees Buisman, Scientific Director, Wetsus

Water innovation hubs and testing facilities around the world
- Tom Baur, EIP Water secretariat

The Porto Innovation Hub: Fostering innovation to bridge gaps and create opportunities
- Filipe Araujo, City Councillor for Innovation and Environment, Porto

Uniting universities, research labs, local government and the private sector in the MAR network in Italy
- Rudy Rossetto, SSSUP, Italy / “MAR” EIP Water Action Group

How the Lund water innovation accelerator (WIN Water) prepares innovations for the harshest of marketplaces
- Maria Sätherström Lantz, Manager WIN, Ideon Open AB

Making open innovation a reality with SWITCH-ON
- Esa Falkenroth, Senior Information Architect, Swedish Meteorological and Hydrological Institute

18:00 – 18:10 Summary of day 1

18:10 – 18:30 **Award ceremony for the prestigious Splash Innovation Prize**
- André Ferreira, Disruptive Innovation Changemaker

19:30 Water Innovation Dinner (ticketed)
What future water leaders are working on – report from the Water Innovation Lab
- Karen Kun, Co-founder, Waterlution
- Amrita Gautam, Future Water Leader
- Wildemar Pereira, Future Water Leader

Water and the circular economy, part 2 – agriculture
European Commission Task Force on Water: identifying synergies between the European Innovation Partnerships on Agriculture and Water
- Claudia-Silviana Mureșan, Directorate-General Agriculture and Rural Development, European Commission
- Karen Dalgaard Sanning, Policy Officer, Directorate-General of the Environment
Towards EU guidance for water reuse in agriculture
- Bernd Gawlik, Scientific Project Manager, Joint Research Centre, European Commission

Novel water supply solutions for agriculture: Managed aquifer recharge and subsurface storage
- João Paulo Lobo Ferreira, Principal Research Officer, LNEC (Portuguese National Laboratory for Civil Engineering) / EIP Water “MARtoMARket” Action Group

Earth observation and remote sensing techniques that improve the equitable use of water
- Ernesto Lopez-Baeza, Associate Professor of Applied Physics, University of Valencia / “Resewam-O” EIP Water Action Group

Precision irrigation that reduces energy consumption
- Adriano Battilani, Canale Emilian Romagnolo (CER) and Valentin Opfermann, Copa-Cogeca / “WIRE” EIP Water Action Group

A paradigm shift in Brittany: How a change in agricultural practice has helped implement EU water policies
- Aude Witten, Regional Council of Brittany

Curving the line to accelerated resource recovery: the Life Memory, INCOVER and RUN4LIFE projects, and a closer look at resource recovery factories
- José Vázquez, Head of Quality, R&D, FCC Aquila

Financing innovation in the water sector
Chair: Gaëtane Suzenet, Global Impact Partners
- Julie Segal, Future Water Leader
- João Pedro Castro, Future Water Leader
The top 5 ways to make the water sector attractive to investors
- João Faria Feliciano, CEO AGS

How knowledge creation in water utilities can boost innovation in the sector
- Pedro Perdigão, Chief Operations Officer, Indaqua

New PPP models to develop, maintain, retrofit and finance resilient water infrastructure.
- Paulo Marcelo, The Water and Waste Services Regulation Authority of Portugal (ERSAR)

Regulation and water pricing to stimulate efficiency in water services: the role of the regulator
- Paulo Marcelo, The Water and Waste Services Regulation Authority of Portugal (ERSAR)

Please disrupt! Open for business as un-usual. How to make a success of start-ups.
- Gaëtane Suzenet, Global Impact Partners

Novel ways of financing innovation. An annotated catalogue
- António Cámara, serial entrepreneur and founder of YGroup, The Inventors and Aromni
12:10 – 13:30  **The water business: Markets, opportunities and employment**

The value of water
- Tomas Michel, President, Water Supply and Sanitation Technology Platform (WssTP)

Connecting market needs to innovations
- Will Maize, Senior Research Analyst, Bluefield Research

**Featured markets for water innovations –**

**China.**
Chair: Future Water Leader
- Jun Nie, O&M Director, Beijing Enterprises Water Group
- Ana Mendes, Researcher, University of Evora/China-Europe Water Platform
- Cheng Zhong, Future Water Leader
- Jesse Skwaruk, Future Water Leader

**India.**
Chair: Future Water Leader
- Hans Stielstra, Deputy Head of the Water Unit, Directorate-General of the Environment, European Commission
- Satish Vegi, Future Water Leader
- Sanjay Kumar, Future Water Leader

**Portuguese-speaking countries.**
Chair: Alexandra Serra, President, Portuguese Water Partnership
- Manuel Alvarinho, President, Water Regulatory Council (Mozambique), Aquashare Association
- Angélica Azevedo, Future Water Leader
- Carolina Nunes, Future Water Leader

13:30 – 14:45  Networking lunch, exhibition, TechTalks, WaterMatch, The Hub and Water Innovation Lab

14:45 – 16:20  **Water and the circular economy, part 3 – cities and water**
Chair: Rafaela Matos, LNEC (Portuguese National Laboratory for Civil Engineering)

A circular vision of a Smart Water Service
- Frank Rogalla, Head of Innovation, FCC Aqualia

Nature-based solutions in the green city of Lisbon
- Duarte Mata, Advisor to Environment & Energy Councillor, City of Lisbon

How EMASESA is creating a circular economy in the urban water cycle in Seville
- Joaquín Buendía, Emasesa

Urban water governance capacity framework
- Stef Koop, Researcher, KWR Watercycle Research Institute

City Blueprints and Porto in perspective
- Kees van Leeuwen, Principal Scientist, KWR Watercycle Research Institute / "CityBlueprint" EIP Water Action Group

The Urban Water Atlas for Europe
- Bernd Gawlik, Scientific Project Manager, Joint Research Centre, European Commission

Strengthening stakeholder capacity to participate in multi-level, multi-stakeholder governance models
- Richard Elelman, Eurecat, Network H2O

Smart water – a key building block for the smart city
- Diane d’Arras, VP Global Professional Relations, Suez Environnement

The good old sewage works is now your community resource factory.
Take Lille, for example
- Eric Nesme, Key Solutions Manager, Veolia

And how about generating energy from it, too? The Powerstep project
- Christian Loderer, Kompetenzzentrum Wasser Berlin

And, closing the loop, harvesting with anaerobic membranes and accelerated resource recover techniques
- Aurora Seco, "Water Circle" EIP Water Action Group / Kees Roest, "ARREAU" EIP Water Action Group

Panel Q&A
- Rafaela Matos, LNEC (Portuguese National Laboratory for Civil Engineering)
- Eric Nesme, Key Solutions Manager, Veolia
- Diane d’Arras, VP Global Professional Relations, Suez Environnement
- Frank Rogalla, Head of Innovation, FCC Aqualia
16:20 – 16:30  Conference summary and close  
- Frederico Fernandes, President, Águas do Porto  
- Hans Stielstra, Deputy Head of the Water Unit, Directorate-General of the Environment, European Commission

Friday, September 29, 2017

Morning and/or afternoon – up to two choices possible per person.

Guided site visits to a choice of five technical facilities or the Porto historic city centre (parallel to the Mayors & Water Conference and Water & People programmes).
See: [http://portowaterinnovationweek.eu/eip/programme/site-visits](http://portowaterinnovationweek.eu/eip/programme/site-visits)