

DIGITALISATION OF WATER DISTRIBUTION SYSTEMS: INTERNATIONAL EXPERIENCES AND INNOVATIONS TO SUPPORT ITALIAN WATER UTILITIES TO IMPLEMENT NATIONAL RECOVERY PLAN (PNRR M2 C4 L.4.2) PROJECTS

**International Conference on Digitalisation and Efficient Management
of Water Distribution Systems**

**12 OCTOBER 2023
Morning Session**

The Conference presents international experiences, innovations and initiatives that could inspire and support Italian Water Utilities in the challenge of digital transformation required by National Recovery and Resilience Plan - PNRR M2 C4 L.4.2 – for reduction of water losses in distribution systems.

The Conference is held by national and international speakers with proven experience with the purpose of fostering collaboration between stakeholder, knowledge sharing and innovations adoption to improve efficiency in water distribution systems. Service of simultaneous translation from Italian to English and from English to Italian is included for all speeches.

WELCOME and INTRODUCTIONS

FACILITATOR: Marco Fantozzi, Isle Utilities

INSTITUTIONAL

GREETINGS:

10:00 Paolo Angelini, Amministratore Delegato BFWE

10:05 Stefano Bonaccini, President Emilia-Romagna Region*

10:10 Prof. Attilio Toscano, Technical Structure Ministry of Infrastructure, IT

INTERVENTI:

10:20 *Efficiency strategies of the water service according to the PNRR M2 C4 L.4.2*
Rosario Mazzola, Ministry of Infrastructure, IT

10:40 *Implementation of an Asset Management strategy in a water utility according to ISO 50001*

Mark Kowalski, WRc, UK

11:00 *Intelligent Assets strategy implemented in The Netherlands and first applications in Italy*

Richard Peerboom, WML, NL & Ignaz Worm, Spatial Insight, NL

11:20 *Digitalisation of water systems: the state of the art and initiatives to support the development and implementation of a digitalisation strategy*

Chris Thomas, Luz Sainz, Isle Utilities, UK/IT

11:40 *Non-Revenue Water Reduction and Asset Management at HOFOR Copenhagen*
Kristiane Ø. Jensen, HOFOR, DK

12:00 *Creation of DMAs (District Metered Areas) in the water network of Argo Valley*
Alessandro Teneggi, FAST, IT

12:20 – 13:00 Round table and Question time

13:00 – 14:00 LUNCH

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Afternoon Session

14:15 Asset and NRW management in Taiwan: Leakage Control and Stainless Steel Service Lines in Taipei Area

Huei-Je Chen, Taipei Water Department, Taiwan

14:35 Digitized management of water systems: the experience of Idrica in Valencia

Borja Moratal, IDRICA, ES

14:55 The Asset Management strategy of water networks managed by Hera

Maurizia Brunetti, HERA, IT

*15:15 ISOIL Industria (Sponsor 2) **

*15:35 Utility italiana 2, IT **

*15:55 Monitoring distribution network in Dubai**

Vivavis, DEWA (Dubai Electricity and Water Authority), Dubai

16:15 WILL - Water Innovation Living Lab - to support the development and adoption of innovation by Water Utilities and opportunities offered to start-ups and innovators

Gabriele Zanetti, CSMT, IT

*16:35 Smart metering**

Andrea Morselli, ANIE, IT

16:55 - 17:15 Round table and Question time

**Title to be defined*

Simultaneous translation from Italian to English and from English to Italian.

Note: Draft Agenda with talks and sponsors to be confirmed

Education Credits for Engineers under approval