



**MOSTRA INTERNAZIONALE DELL'ACQUA
INTERNATIONAL WATER EXHIBITION**
TECNOLOGIE, TRATTAMENTI, DISTRIBUZIONE, SOSTENIBILITÀ
TECHNOLOGIES, TREATMENT, DISTRIBUTION, SUSTAINABILITY
6—8 OTTOBRE OCTOBER 2021



H2O INTERNATIONAL - WaterIDEAS 2021 Conference

Driving technological and cultural innovation in the water sector: the opportunities of the Recovery Plan

The **WaterIDEAS 2021 Conference**, entitled **Driving technological and cultural innovation in the water sector: the opportunities of the Recovery Plan**, will host experts from leading Italian and European utilities to present best practices in the efficient and innovative management of water networks. The conference represents a unique opportunity for all operators in the water sector – managers, regulators, service and technology providers – to keep up to date with the latest developments and share and discuss experiences.

WaterIDEAS 2021 is taking place as part of **H2O 2021 – on Friday October 8** – and follows on from a series of successful IWA (International Water Association) conferences, including the Water Loss Europe Conference in Ferrara in May 2012 and WaterIDEAS in Bologna in 2014, 2016 and 2018.

Water utilities are constantly striving to reduce the volume of unbilled water and improve their operational efficiency as they deal with ageing infrastructure, varying demand for water, stringent environmental targets and increasingly strict regulatory requirements. On the other hand, the funds made available by the Recovery Plan will represent a major opportunity to upgrade the water infrastructure and the way it is managed, an opportunity that utilities will need to full advantage of.

The conference aims to present and discuss the latest developments, strategies, techniques and applications of international best practices in innovative water network management, in order to provide industry practitioners with insights into how to address these challenges.

A series of presentations by selected Italian and international experts will introduce case studies and foster debate about the most topical issues and perspectives for water service managers, such as: smart water networks, automatic meter reading, data-driven technologies and systems to support decision making, strategies and technologies for monitoring and reducing water losses, asset management, network performance analysis, benchmarking and collaboration between water utilities and regulators.

There will be one session in Italian (9.30am - 1.00pm) and one in English (2.00pm-5.00pm), dedicated, respectively, to international and national case studies and experiences.

The morning session, dedicated to national case studies, will see the presentation by some national utilities (*SASI and ERSI, ASA and AIT, Publiacqua, Acque Bresciane, Lario Reti, Hera*) of plans to reduce unbilled water levels, in order to provide suggestions and share experiences related to different geographical realities and different types of water networks.

In addition to intervention strategies, the planning of related investments and discussions with regulatory bodies, experiences will be shared concerning the adoption of technologies, such as hydraulic monitoring of networks, leak detection, smart metering and asset management.



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In the afternoon session, internationally renowned experts (including the *KWR Water Research Institute* and the *IWA's Water Loss Specialist Group*) will present best practices, innovative technologies and key global trends in unbilled water management.

Water IDEAS 2021 will also see the participation of its company sponsors: *ISOIL Industria*, which will present its experience in the application of satellite technologies to support the analysis of breakage rates and renewal plans for water assets, and *Grundfos*, which will show how integrated digital solutions and big data analysis can be used by utilities to optimise network management.

Water IDEAS 2021 is organised by:

and sponsored by:



The organisers:

Isle Utilities is the world's leading water technology consultancy. Isle boasts a solid track record of supporting the introduction and commercialisation of emerging technologies and the formulation of strategic partnerships between end-users and technology providers. Our goal is to foster collaboration between utilities and provide independent advice on identifying, evaluating and adopting the best technologies and management practices in the water sector. Isle regularly provides consulting and training activities to help utilities meet the challenges of identifying and adopting emerging technologies and defining strategies to improve the efficiency of water systems, particularly in developing water loss reduction plans.

Labelab is a company composed of a team of independent professionals involved in consulting and design activities in the waste, water and energy cycles; Labelab also conducts software development, specialist training, the creation of web portals, benchmarking, surveys and research, and event management. Operating on the Italian market for almost twenty years using an innovative and pioneering approach, Labelab has grown and developed constantly over time, acquiring specialist know-how and operational capabilities and becoming a reference point in the sector. In particular, having been involved in the waste cycle since the very beginning and having worked on prestigious projects, Labelab has gained a leadership position widely acknowledged by operators and experts.



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