

Water Management

Embrace the Resource Revolution: empowering water efficiency and savings!

A Composable Platform to **Rethink the Water Life Cycle**: Enhancing Efficiency and Minimizing Losses in Water Distribution Networks.

COMPOSABLE BUSINESS MODELS
RESPONSIBLE PRODUCTIVITY
WATER MANAGEMENT
SUSTAINABLE FUTURE

01 DID YOU KNOW?

Ecosystem health depends on the resilience of water systems: **it is critical for economic development, collective well-being and the health of the planet.** Water stress and climate change are inevitably linked and affect the world's water efficiency.

02 FACTS

- 45%** In **9 Italian regions**, total water losses in distribution are higher than **45%**
- 57%** of Italian municipalities have total water losses in distribution equal to or greater than **35% of the volumes fed into the network**
- Large losses of at least 55% affect **25.5%** of municipalities

ISTAT 2023

03 OUR APPROACH

The WATER component of our **Composable Platform to manage utility infrastructures** (water, heating, power&gas, waste) adopts an end-to-end approach to business processes and operational activities, to **manage and reduce water losses**.

- +** Capture and digitise information on a GIS platform
- +** Precise localisation of losses
- +** Exchange of data in real time
- +** Predictive analysis of water network decline
- +** Management and alerting of field teams

Discover More

Reduced water loss for aqueducts
CASE STUDY

B-WaterSmart: a smarter water management in coastal areas
RESEARCH PROJECT

The Intelligent Management Platform for Water Losses
USE CASE

WHAT'S NEXT

KEY TAKEAWAYS

To adopt **resilience principles** to manage water systems offer the opportunity to address global water challenges

Our platform provides a **systemic, modular and transformative architecture** to achieve a more sustainable, inclusive, efficient and resilient water management

EXPECTED RESULTS

- Reduction of water losses
- Fast incident resolution
- Monitoring and predictive analysis of long-term asset deterioration



OUR Ecosystems

- +** Wellbeing
- +** Wealth & Commerce
- +** Digital Citizenship
- +** Energy Resources & Sustainability
- +** Mobility

OUR ToolBox

- +** PODCAST
- +** VIDEO
- +** PAPER
- +** CASE STUDIES
- +** RESEARCH PROJECTS



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