

# SETTORE WATER

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# Il Servizio Idrico oggi affronta queste importanti sfide...



**Climate Change**



**Water Conservation**



**Water Circularity**



**Consumer-Centric**



**Digital Revolution**



Schneider-Electric è un fornitore di  
**Soluzioni Digitali**



**Sostenibilità & Resilienza**  
per la gestione del Servizio Idrico

# Digitalizzazione per la sostenibilità e la resilienza





# La nostra proposta di Valore

## Verso il Net Zero



**Azzerare le emissioni:**  
Energy Efficiency and Carbon-Neutrality



**Preservare la risorsa:**  
Water Efficiency and Resilience by Digital



**Azzerare gli scarichi:**  
Circularity and Biodiversity



# Digital Twins & AI per aumentare l'ottimizzazione della Gestione

Data Validation

Leak Location & Sizing

Demand & Production Forecast



Sewer Flooding & Blockage Prediction

Settling, Airation & Chemical Dosage

Etc...

Digital Twins

One single data model

Predictive Analytics

Interdepartmental collaboration

Reduced CAPEX

Knowledge retention

Reduced interventions

Asset health

Increased compliance

Real time scenario management

Water Loss

Leak Detection

Non-revenue Water

Pressure Management

Plants & Networks Operational Efficiency

Energy Management

Storm Water / Sewage

Operations Optimization

Water Quality

LIMS

Dispersion Modeling

Chemical Dosage

Smart Metering

Metering Data Mgmt

Historian

SCADA

Hydraulic Modeling

GIS

EAM / WFM

AMR/AMI

CIS/CRM

ERP

Enterprise Integration bus: Analytics, Workflow, Algorithms, Connectivity

Real-time Integration bus: Information Server, Visualization, Web, Mobility, OPC, Alarms, Events

EcoStruxure Water Advisor

Unified Operations Center



# SETTORE WATER

## Progetti in italia

# Referenza Smart Water in Italia

Progetto in corso



Progetto in corso

Progetto in corso



Progetto pilota



Progetto in corso







Life Is On

**Schneider**  
Electric

