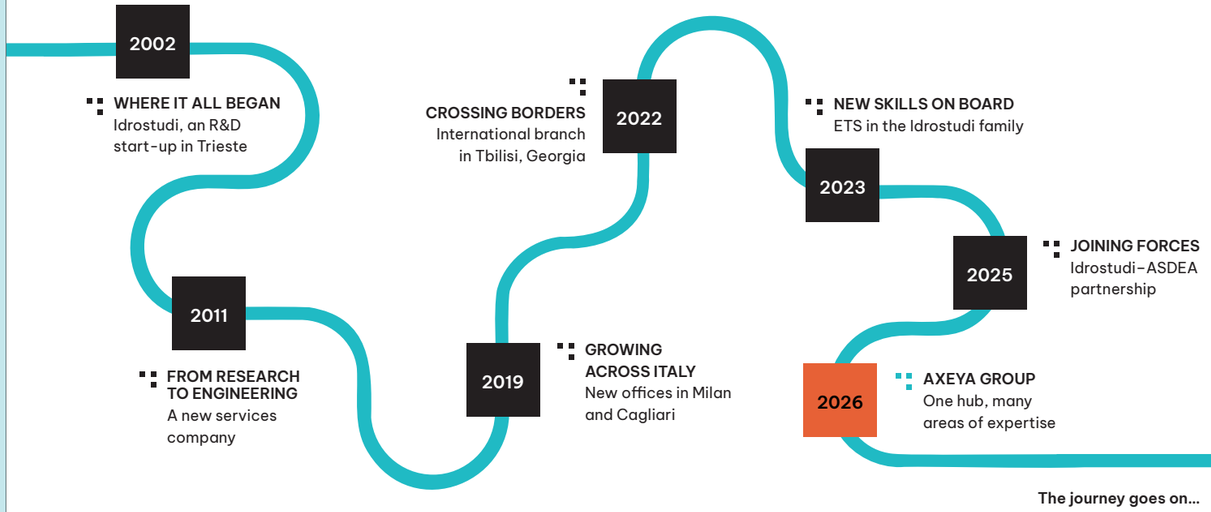

idrostudi
Watercare Engineering

Identity

Idrostudi is an independent consulting and engineering company, founded in Trieste – Italy – in 2002.

We operate worldwide, from Italy and Georgia, in the field of hydraulic and environmental engineering, supporting public institutions, utilities, and companies in developing advanced solutions for sustainable water management.

Our work integrates engineering, applied research, and technological innovation driven by partnerships and academic collaborations, as well as national and European Research & Development projects.



The Axeya Group

A cutting-edge engineering ecosystem

Idrostudi is part of the **AXEYA** Group, which brings together complementary expertise in engineering and technological research and development for the water, infrastructure, and environmental sectors.
Our offices are in Trieste, Padua, Milan, Genoa, Cagliari, Trento, Rovereto, Pescara, Tbilisi (Georgia), Denver (USA).

Idrostudi Hydraulic and environmental engineering

ASDEA Advanced structural civil engineering, software, devices, and services

ETC Water and wastewater treatment

ETS Field surveys and monitoring

Overgrid Measurement instruments & data integrators for hydraulic engineering

30M+
REVENUE

200+
TEAM PEOPLE

130+
ENGINEERS

Innovation is curiosity turned into action. Together, we design and deliver new engineering solutions.



Method and Values

Innovation, Sustainability, Expertise

We develop innovative and sustainable engineering solutions for responsible water management and systems that are more resilient to climate change. Lasting impact is built on trust, respect, and a shared purpose. We foster a culture rich in collaboration, continuous learning, and responsibility toward what truly matters: people, communities, and the environment.

Expertise - Services

Idrostudi provides advanced, integrated consulting and engineering solutions for the entire water management cycle:

- Optimisation of water supply and sewer networks
- Integrated management of urban and regional water resources
- Geometric and topographic surveys
- Leak detection
- Qualitative and quantitative monitoring
- Advanced data analysis and reporting
- Digital Twin of water supply and sewer networks
- Physical and numerical modelling of watercourses
- Master Planning
- Civil and Environmental Design, BIM, and Construction Supervision

We envision a future where people and the environment coexist in balance through the responsible use of water resources

50K km
DIGITAL TWIN

20K km
QUANTIFIED PARASITIC INFLOWS

500K m³
QUANTIFIED WATER LOSSES

5K
WATER SUPPLY AND SEWERAGE DISTRICTS

20B
ANALYZED DATA

2K km
SEWER NETWORK SURVEYED

€ 300B
BIM PROJECT DEVELOPMENT

10K
MONITORED MEASUREMENT AREAS

14K km
WATER SUPPLY AND SEWER NETWORKS MODELLED

Expertise – Proprietary Software and Devices

Idrostudi's Digital Platforms

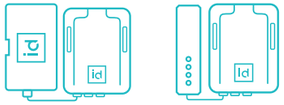
iWg – Water Network Intelligence

Next-generation platform for water distribution networks that integrates smart DMAs and dynamic Digital Twins to enable data-driven decision-making, leak pre-localization, and performance optimisation over time.

iCg – Next-Gen Sewer Systems

High-performance platform for sewer network optimisation, based on advanced monitoring, big data, and dynamic Digital Twins to enable early detection of critical issues and proactive system control.

Proprietary Devices



Kaltom Series

Family of complete systems featuring ultrasonic flow meters for advanced monitoring of water and wastewater networks, designed to ensure reliable measurements, advanced diagnostics, and native integration with digital supervisory platforms.



Rhevos Series

Family of devices for monitoring water and wastewater networks, including advanced data integrators, multiparameter sensors and ultrasonic measurement modules, designed for scalable multi-signal acquisition, integration of diverse sensors and easy installation.

Development and Sustainability for a Better World

By integrating technology, research, and field experience, Idrostudi supports institutions and operators in achieving tangible, measurable sustainability outcomes.
We embed environmental, social, and economic sustainability into every engineering and consulting project, actively advancing the United Nations 2030 Agenda for Sustainable Development Goals.



SDG6
CLEAN WATER AND SANITATION
Ensure availability and sustainable management of water and sanitation for all.



SDG7
AFFORDABLE AND CLEAN ENERGY
Ensure access to affordable, reliable, sustainable and modern energy for all.



SDG 8
DECENT WORK AND ECONOMIC GROWTH
Commit to responsible economic growth and fair and safe working conditions.



SDG 11
SUSTAINABLE CITIES AND COMMUNITIES
Make cities and human settlements inclusive, safe, resilient and sustainable.



SDG 12
RESPONSIBLE CONSUMPTION & PRODUCTION
Ensure sustainable consumption and production patterns.



SDG13
CLIMATE ACTION
Take urgent action to combat climate change and its impacts.



SDG15
LIFE ON LAND
Protect terrestrial ecosystems, biodiversity and natural resources.



Why choose Idrostudi

The added value

Idrostudi supports its clients throughout the entire project lifecycle - from strategic planning and design to operational monitoring, system management, and optimisation.

This integrated, multidisciplinary approach transforms data, models, and technologies into practical solutions, ensuring consistency, continuity, and value at every stage of the project.

- 360° service: a single partner from analysis to delivery
- Integrated, data-driven approach
- Integrable proprietary technologies
- Multidisciplinary expertise
- International experience

Turning research into real-world value: the Idrostudi way

idrostudi

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