

SIT unveils the “SmartIO” ultrasonic residential water meter for the European market at Enlit Europe

In Paris the group will present for the first time the new product resulting from the collaboration between the subsidiary JANZ and the technological partner GWF

Padua, November 27, 2023 – **JANZ**, a SIT company, leader in Water Metering, **arrives at Enlit Europe** - an event that involves representatives of utilities, network operators, suppliers, consultants, and start-ups from the energy supply chain, both conventional and renewable - **with SmartIO, the new smart water meter for residential applications** that uses ultrasonic technology and “best in class” measurement capacity, developed in joint venture with GWF.

SmartIO is the answer to a global problem of efficient management of water resources and is part of a sector that is expected to grow in Italy, driven by the replacement of installed meters with smart devices. According to a recent analysis by the MeterSIT (also a SIT company) marketing team, **in just one year in Italy in the Water Metering market 29 tenders were announced for a total value of approximately 250 million Euro.**

The replacement of mechanical meters with smart devices is not currently mandatory but still important and necessary, given that **in Italy around 40% of water waste (double the European percentage) is also caused by an obsolete water network.** The Italian NRRP (National Recovery and Resilience Plan) plays a central role in this modernization, with 900 million Euro allocated for projects to reduce leaks in water distribution networks, including digitalization and monitoring of the networks. Equally key to the “**smartization**” of the network is the use of so-called “**ultrasonic**” **measurement technology.** This technology, which is the natural smart static evolution of mechanical water meters, can alone make a decisive contribution to reducing waste, while increasing awareness on the part of the end consumer and allowing energy operators to promptly identify leaks.

SmartIO: the details - SmartIO uses patented, innovative technology and maintains a high level of accuracy (up to R1000) throughout the product lifecycle, with low maintenance costs. **Thanks to IoT technology, the meter “integrates” with Janz's MyWater software,** effectively contributing to reducing water waste. The first target of SmartIO will be utilities, both in the Iberian market and in the Italian market, where it will be marketed through MeterSIT, a SIT company leader in Smart Gas Metering. In addition to these two main markets, SmartIO is also aimed at utilities in other European countries and completes the range of products for Water Metering, which already includes “**eRegister**”, a fully integrated meter that combines volumetric metrology with communication technology and “**add-on radio module**” which, applied to traditional JANZ mechanical meters, allows the measurement to be communicated, effectively transforming them into smart meters.



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As regards **smart gas meters**, MeteRSit will present at Enlit Europe the new version of the Thermomassico G4 static meter with double Nb-IoT and 169MHz communication channel, born from the collaboration with a well-known Italian gas distributor.

To sum up - SIT's Metering Division will be present at Enlit Europe in Paris with the JANZ and MeteRSit teams at stand 7.2H60 from 28 to 30 November 2023. For more information please visit www.enlit-europe.com

SIT, through the Business Units Heating & Ventilation, Smart Gas Metering and Water Metering, creates intelligent solutions for the control of environmental conditions and consumption measurement for a more sustainable world. A market-leading multinational company and listed on the Euronext Milan segment, SIT aims to be the number one sustainable partner for energy and climate control solutions for its customers, focusing on experimentation and the use of alternative gases with low environmental profiles. The Group has production sites in Italy, Mexico, the Netherlands, Romania, China, Tunisia and Portugal, in addition to a commercial structure covering all global markets. SIT has signed up to the United Nations' Global Compact and its principles that promote doing business in a responsible way. SIT is also a member of the European Heating Industry and of the European Clean Hydrogen Alliance, in addition to the Community Valore Acqua per l'Italia ("Value Water for Italy Community") - www.sitcorporate.it

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