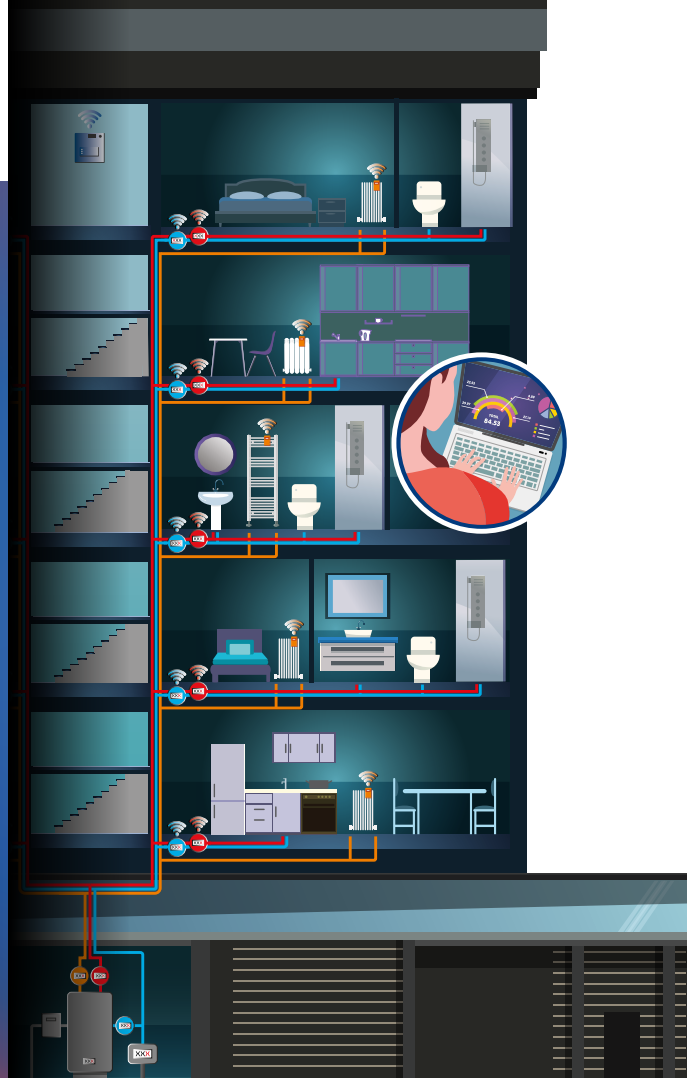


DIGITAL SUBMETERING

A key to a more efficient and sustainable Europe





Did you know that submetering can reduce energy use by up to **20%** and cut water consumption by as much as **25%** in buildings?



As Europe works to reduce energy costs, strengthen its energy independence, and address growing water scarcity, submetering offers a practical and cost-effective solution. It requires no major infrastructure changes, making it suitable for both new and existing buildings. Access to near real time data empowers users to optimise consumption, cut waste, and lower their utility bills.

Submetering, explained simply

In multi-unit buildings, submetering measures individual consumption of utilities, including cold and hot water (in m³) and heating and cooling energy (in kWh). Instead of splitting costs by apartment size or surface area, each resident pays only for what they actually use. This improves fairness, fosters efficiency, and gives occupants greater control over their consumption. Digital energy and water submeters send their readings wirelessly via a radio signal allowing data to be collected remotely.



Submeters come in different forms depending on their use and technology:

- **Analogue meters** require manual readings.
- **Digital meters** automatically send consumption data wirelessly in near-real-time.

There are two types of meters:

 **Thermal meters** measure the heating or cooling energy of each unit. Alternatively, heat cost allocators can be placed directly on radiators.

 **Water meters** track cold or hot water usage. Digital meters can detect even small leaks - reducing water loss and preventing property damage.

Smarter heating through better data use



There are even more benefits: Many multi unit buildings operate with oversized or poorly balanced heating systems. By using submetering data to optimise performance, energy consumption can be reduced by 20–40%.

This is achieved by:

- improving hydraulic balancing
- lowering supply temperatures
- enabling decarbonised low temperature heat sources such as heat pumps or district heating

All of this can be delivered with minimal upfront investment and no structural building changes.

THE FUTURE OF EFFICIENCY STARTS WITH SUBMETERING

Digital submetering is a proven enabler for energy and water savings. Its benefits will only be fully realised with clear, harmonised rules across Europe that are well implemented in national legislation. Get in touch to discuss how submetering can help address Europe's water and energy challenges and how to scale it to full potential!

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