



Implementation of fixed automatic water meter reading networks



DESCRIPTION

The current state of communications technology allows the readings of residential drinking water meters to be obtained on an hourly basis, as opposed to the current situation of visual readings, which are normally available quarterly.

Design, installation and commissioning of the infrastructure necessary for managing the fixed water meter networks.



OBJECTIVES

- Installation of meters with remote reading modules.
- Installation of network elements that enable the reception, on at least a daily basis, of the meter reading in a central service, without the need for technicians to travel to carry out the operation.



RESULTS / BENEFITS

- Availability of reading without access to housing.
- Elimination of estimated readings.
- Elimination of accumulations of consumption.
- Invoicing of real consumption during the period.
- Reduction of water and energy consumption and emissions of greenhouse gas.
- Warnings of possible leaks in the customers' interior facilities.
- Complement to the water balance of the distribution networks.

REMOTE READING



ACTIONS

- Feasibility study and selection of the most appropriate technology.
- Economic study and technical report.
- Design and analysis of the positioning of the elements that make up the fixed network.
- Installation of the fixed network elements.
- Commissioning of the facility up until the established minimum reception levels are reached.



Target

Public administrations, public companies and municipalities with competencies over the service.

