



Drinking water service development and efficiency



DESCRIPTION

The Development Plan identifies the conditions of supply network and proposes solutions to the current and future needs of the drinking water service. By conjugating the concept of efficiency, we obtain a system that provides solutions and is simultaneously efficient, thus minimizing the consumption of water and energy and reducing the carbon footprint.

The investments necessary for the implementation of the supply facilities will be identified and assessed.



OBJECTIVES

- Provide a highly-specialized service and technological-advanced resources to municipalities with municipal management.
- Thorough knowledge of the current supply system and modelling of its short-, medium- and long-term future.
- Generation of a basic management document in accordance with basic premises of hydraulic and energy efficiency.
- Binding document for the obtaining of public grants relative to the water cycle.



RESULTS / BENEFITS

- Definition within the municipality of the network investment needs for the next 10-15 years in order to obtain an efficient drinking water service.
- Optimization of maintenance costs and renewal of the networks.
- Increased lifespan of the distribution network and.



ACTIONS

- Analysis of the available information to understand the operation of the water system, its context and its current condition.
- Identify and plan improvements and improvement opportunities.
- Field visit to the facility to verify the information and the viability of the proposed improvements.
- On-site data acquisition and collection.
- Mathematical modelling of supply.
- Drafting of Development and Efficiency Plan.



Target

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

