



2.11.- Asset management in water infrastructures



DESCRIPTION

Water infrastructures are composed of assets (pipes, valves, equipment, etc.) whose life cycle must be managed as to ensure their continuous, balanced operation and thus enable the scheduling of the corresponding short-, medium- and long-term investments.

Establishment of a plan to order the renewal of the water supply and sanitation network assets.



OBJECTIVES

- Definition of an action plan to determine the assets that must be renewed annually.
- Greater efficiency in the management of the asset's value.
- Its implementation is intended to enable the proposed investments to offer compatible solutions between the growth of networks and the renewal of existing assets, prioritizing the most urgent investments in order to ensure the sustainability of operation.



RESULTS / BENEFITS

- Comply with current legislation.
- Reduced costs for possible administrative sanctions.
- Increased lifespan of the infrastructure.
- Improvement in service quality.
- Cost reduction through corrective maintenance.



ACTIONS

- Analysis of the available information.
- Analyse the quality of the information.
- Site visit to collect the necessary information.
- Define indicators.
- Apply methodology to economically assess the assets.
- Crossing information.
- Display the result in the form of reports or in the GIS.
- Site visit to collect the necessary information.
- Implementation and user training.
- Preparation of thematic maps.
- Investment planning.



AIMED AT

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

