

## WATER MANAGEMENT IN FLORENCE

Water management is an important topic that affects the whole world. In many regions water is obtained from rivers, purified and made available to citizens, despite this, not in all parts of the world this is possible, in fact there are many states that have difficulties, the biggest challenges are the scarcity of water, pollution and citizens' access to water. In Florence, water management is entrusted to Publiacqua, a company that deals with the integrated water service (aqueduct, sewerage and purification) for various municipalities in Tuscany, including the city of Florence. Publiacqua is a joint-stock company, owned by local authorities, which manages the entire water cycle, guaranteeing the distribution, purification and treatment of waste water in the area of its competence, and also in numerous other municipalities in the province. The management process includes: Withdrawal of water from natural resources, such as rivers and springs. The water is obtained thanks to a system of aqueducts, the most important is that of the Anconella which covers over 90% of the water supply. Treatment to guarantee the quality of drinking water, according to safety standards, through a complex purification process. 3. Distribution: distribution takes place via a network of aqueducts that covers the entire city. Collection and purification: after being used and collected by the various sewer networks, the waste water is conveyed to a purifier and there undergoes a purification treatment. The management process includes: Withdrawal of water from natural resources, such as rivers and springs. The water is obtained thanks to a system of aqueducts, the most important is that of the Anconella which covers over 90% of the water supply. Treatment to guarantee the quality of drinking water, according to safety standards, through a complex purification process. Distribution: distribution takes place via a network of aqueducts that covers the entire city. Collection and purification: after being used and collected by the various sewer networks, the waste water is conveyed to a purifier and there undergoes a purification treatment.