

Lever Complex

Situated on the left bank of the Douro River, the Lever complex is considered one of the finest structures of its kind in Europe and is often sought as a site for carrying out research and development activities in the field of water treatment technologies. The complex has so far attracted multiple international technical delegations and is equally open to civil society through its state-of-the-art Environmental Education Centre.

The Lever complex comprises a surface water catchment installation, a reservoir for raw water and another for treated water, a pre-treatment unit, a water treatment plant (WTP), a sludge treatment unit, two electrical substations, two pumping stations, as well as three wells for in-depth uptake.

Responsible for the supply of water to about a million and a half inhabitants in the Oporto region, the complex, which is managed by the operator Águas do Douro e Paiva (ADDP), comprises one of the most sophisticated set of technologies for water treatment processes, exhibits an excellent environmental performance and its location lies perfectly integrated in the surrounding landscape.

Source: [ADDP](#)

Surface Water Catchment



- Number of pumps: 6
- Abstraction capacity: 1 050 l/s/pump

In-Depth Ground Water Abstraction



- Number of pumps (related to the two wells in operation): 6
- Total abstraction capacity: 2 800 l/s.

Lever Water Treatment Plant



- Productive capacity installed: 400 000 m³/day
- Average annual production: 58 million m³

Environmental Education Centre



- Since its opening (November 2007), the Centre has welcomed more than 150 000 visitors.