

## DEMONSTRATION SITES

The LowUP systems were demonstrated at 4 sites in Seville, Madrid, Badajoz and Setubal. The individual components have been designed and customized for each one of the sites.

### DEMO #4: PULP & PAPER MILL IN SETUBAL

#### CONCEPT

##### HP-LowUP

This solution provides heat for industrial process (55-80°C) with a heat recovery system and an electrically driven heat pump with an advanced control system.

#### TECHNOLOGY

POZZI provides a self-cleaning heat recovery system for effluent coming from the paper and pulp manufacturing process.



#### DEMONSTRATION CONCEPT

The POZZI system was installed close to the pool for primary treatment of the water treatment plant, with the goal to recover heat from the paper manufacturing processes.



## EXPECTED RESULTS

The system is expected to efficiently recover an important quantity of energy from an effluent with residual energy that would otherwise go to waste. The recovered heat is then re-used in the cycle to reduce the overall consumption of the plant.