



# alpha bio

WASTEWATER INNOVATION

## WWTP of Patras, Greece

In January 2014, Alphabio and Patras Water Supply and Sewerage Company started cooperating for the reduction of the sludge produced in the municipal WWTP. The municipality was searching for a way to minimize the sludge produced in the facilities due to the high cost of disposal. The WWTP was producing on average 6,500 – 7,000 tons of sludge annually before the implementation. Today, only a part of the initial sludge quantity needs to be removed using a decanter in order to keep the system stable. Additionally, all the effluent parameters were maintained below the legislation limits, while some of them (BOD, TSS, TN) decreased even more than the previous situation.

