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China : Starting up the sludge treatment process in the Bailonggang plant of Shanghai

- IOWater - Our projects : news and update -

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Three years ago, the Bailonggang was - tewater treatment plant of Shanghai (1.6 million m³/d, equivalent to the plant of Achères, France) underwent deep changes with the introduction of powerful biological treatments by activated sludge.

These improvements led to a significant increase in the volume of sludge to be treated. The Passavant-Rödiger and Andritz Group is implementing a process with anaerobic digestion, biogas recovery, dehydration by centrifugation and finally thermal drying of sludge.

In parallel, technical assistance was entrusted to SOGREAH China.

In partnership with French sludge specialists, IOWater was chosen to participate in the analysis of this anaerobic digestion project. IOWater, through targeted training activities, was in charge of preparing the teams of the SMSC (Shanghai Municipal Sewerage Company Ltd) for the start-up of 8 digesters, 44 m high and a useful volume of 12,400 m³ each.

The first component of this assignment was carried out in October 2009 and will continue in 2010, thus allowing a step-by-step accompaniment to the commissioning of this unique facility worldwide.