



Extrait du OIEau

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Vassivière Lake Syndicate : Sanitation challenges

- IOWater - Our projects : news and update -

Date de mise en ligne : jeudi 26 mars 2015

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Created by the building of a hydropower dam, Lake Vassivière is one of the largest artificial lakes in France. It is located in the Creuse and Upper-Vienne Departments.

In partnership with the Vassivière Lake Syndicate, tourist facilities and services are being developed. The Syndicate is in charge of managing the main system collecting effluents from towns bordering the lake. This system aims to protect the lake against all direct discharges, by carrying treated effluents out of the basin to avoid the risk of eutrophication of bathing areas.

In this context, IOWater studied the lake sanitation challenges.

Previous studies and assessments were updated. Innovative alternatives - including the one based on the use of a different operation method according to the seasons - were also proposed.

Search for optimization resulted in the development of three major scenarios for the rehabilitation of the sewerage system. The estimated costs of rehabilitation work were valued at € 6.3 million for the scenario providing partial rehabilitation, and at € 8 million for the scenario providing the complete rehabilitation of the system.