



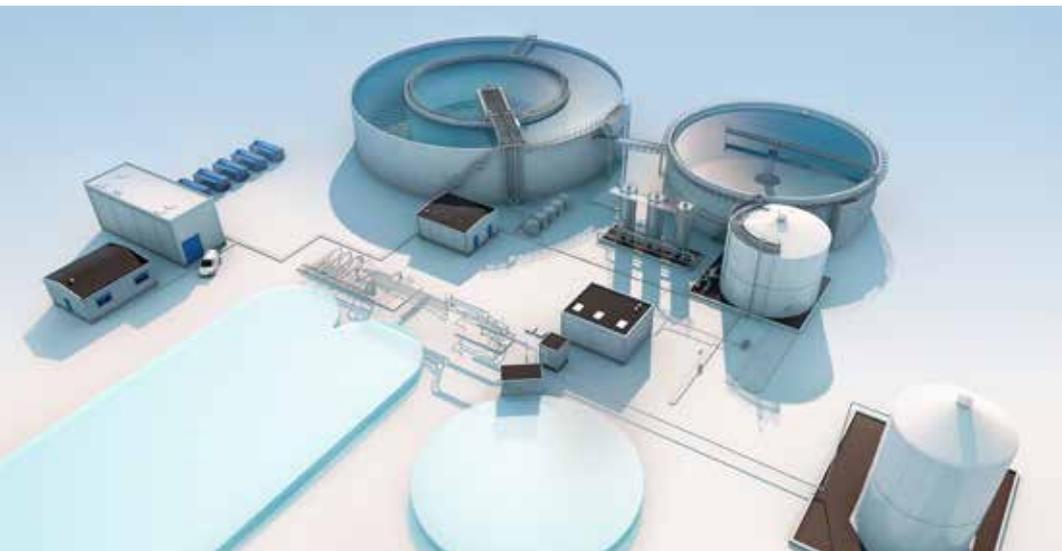
Botlek (CAB) Central Aerobic Wastewater Treatment

Client

The Rotterdam harbour area is the largest refinery and (petro) chemical cluster in Europe. The area contains many industries, like refineries and chemical companies, which produce chemicals, fuels and edible oils and fats. In the harbour area Evides Industriewater already plays an important role in achieving the benefits in the value chain by owning and operating two central demin water plants, of which one is situated in the Botlek area. By integrating a multi-client wastewater treatment plant (WWTP) in the already highly integrated Botlek area, Evides contributes to the strengthening and sustainability of the Rotterdam harbour.

Case

Many companies in the Botlek area have their own WWTP's. These plants, sometimes originating from the seventies, are often at the end of their life span, have reached the limits of their capacity or do not comply with future legislation. Investment in new WWTP's or reinvestment in the existing ones could involve high costs without affecting the industrial production. A cluster approach of wastewater treatment offers an opportunity to companies to create a competitive advantage.



Solution

Evides Industriewater developed a central multi-client WWTP, Central Aerobic Wastewater Treatment plant Botlek (CAB), which will be situated on the Huntsman site. The new WWTP will replace the existing WWTP of Huntsman, which is at the end of its life span. CAB will treat the wastewater of several companies in the surroundings. During the first phase Huntsman and co-siting companies will be connected. During the second phase a pressurised sewer system will be realised in order to connect surrounding companies. Supply of wastewater by road tanker will also be possible. The new aerobic plant makes use of the newest technologies and meets the newest legislation.

For the companies connected, investments in wastewater treatment will no longer be necessary. Furthermore the multi-client plant will result in synergy advantages and flexibility against predictable costs for the long term.

Because Evides is in charge of the design, construction, financing and operation of the CAB, the companies will be able to focus on their core business.

Your partner for water management

Evides Industriewater is part of Evides, the drinking water company in the Southwestern part of the Netherlands and has been a reliable and inventive water partner for the industrial sector since 1968. Evides Industriewater supplies 100 million m³ of process water each year (partly via re-use solutions) and treats a similar quantity of wastewater.

These services are provided via 77 assets and 13 DBFO sites, which are built, owned and operated by Evides Industriewater throughout North-West Europe.

Features

Start of operation
Summer 2020

Product
Wastewater treatment

Source
Industrial wastewater

Maximum capacity
Approximately 100.000 PU

Technology
Aerobic treatment

