

CASE STUDY

Sulzer Submersible Sewage Pumps Type ABS XFP Deliver High Return

The village Sluis in the Netherlands is a very popular touristic attraction and therefore the municipality of Sluis can not afford any blockages in the wastewater transportations. That is why they started a very intensive renovation of the system in 1998. There are over 70 pumping stations in Sluis, all equipped with two wastewater pumps. The renovation program aimed at replacing existing pumps and at further automating the pumping stations.



Sjaak Oubrie, Policy and Planning Engineer Technical Facilities at the municipality Sluis.

“ We are very pleased with the savings achieved with the Sulzer submersible sewage pumps. ”

Sjaak Oubrie, Policy and Planning Engineer Technical Facilities at the municipality Sluis

The challenge

A healthy environment is imperative for the tourism industry in the region. In areas with accommodations, such as camp sites and holiday parks, the wastewater has a great variety of pollutions since everything gets thrown into the sewer. The wastewater pumping stations need to be equipped with pumps that can handle a diversity of pollution efficiently and without disruptions.

The solution

The submersible sewage pumps type ABS XFP with the new Contrablock impeller that were installed in the wastewater pumping stations in Sluis are specifically engineered to handle today's tough wastewater. The municipality of Sluis has already experienced a reduction in the power consumption by 15% as a direct consequence of the new pump installations. The problems of clogging have more or less vanished and the new telemetry system has made it possible to continuously overview the performance of all stations.

Customer benefit

The project has been running for 10 years and the number of failures has decreased by 80%. The pump installations have given substantial energy savings with lower operating costs as a result. With the telemetry system the operation in every pumping station is monitored making sure that the station operates in the most efficient and reliable way.

The Sulzer difference

The innovative submersible sewage pumps type ABS XFP deliver significant savings in power consumption. The number of failures can be brought back with 80%.

Pump data

Submersible sewage pump type ABS XFP 100 E	
Motor	6 kW motor with 4 poles
Impeller	Contra Block 1 channel impeller



Contact

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Applicable markets

Wastewater

Applicable products

Submersible sewage pump type ABS
XFP