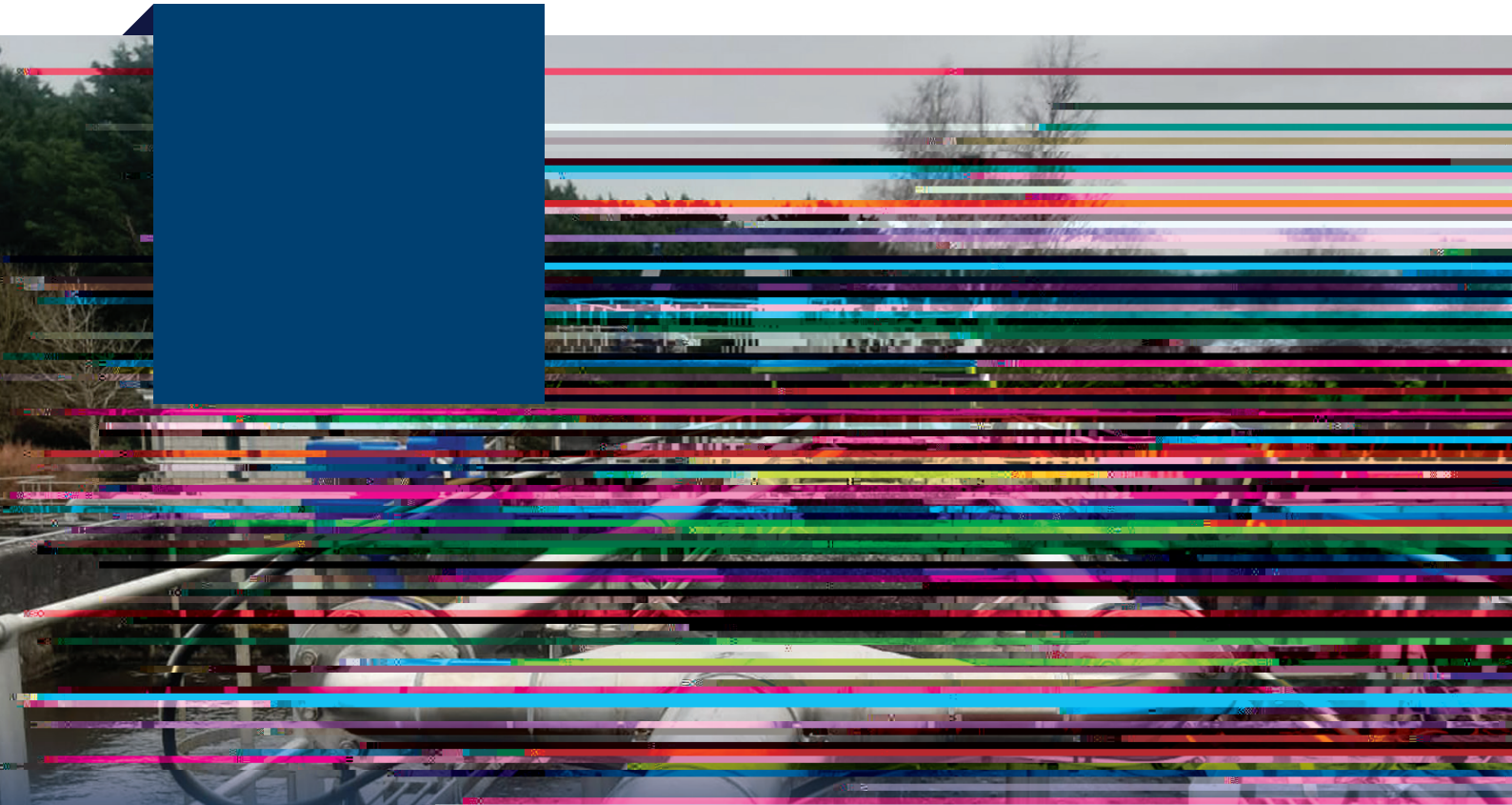


Case Study

From Potential Pitfall to Operational Success

Minimising downtime for Wastewater Treatment sites



The Issue

Prioritising Maintenance

AERZEN Machines is well known for its long-term sustainable solutions. We recommend a planned maintenance contract to guarantee a long-lasting, effective solution for your plant. To illustrate the importance of maintenance let us look at a recent case, a local contractor called AERZEN Machines to take a look at a WWT site in Ireland.

Planned Maintenance Services



The Solution

Knowledgeable, well-trained and certified, AERZEN staff

The site required four blowers to operate efficiently, but only two were functioning. One more failure would have caused the site to be under significant pressure and at risk of failure.

Upon further inspection of these two blowers, our trained engineers realised that one needed an overhaul and the other had a broken fan therefore, both blowers could not run.

We found that all four NRVs (non-return valves) had failed and were letting air back in backwards, which can affect blower operation and potentially contribute to their failure.

AERZEN took the failed bare shaft back for overhaul. The repair was not economical, so purchasing a brand-new bare shaft was in the site's best interest.

Our qualified engineers at AERZEN replaced the fan in the other blower and all the NRVs. A report was issued from our initial visit which they acted upon and got the site up and running.