

# Saur: Val D'Europe Nord Pumping Station

Potential Savings Available via optimisation of Pumping Schedule & Refurbishment



**PUMP OPTIMISATION AS A SERVICE**

# WHY OPTIMISE?



## Minimise whole-life pumping costs

### **Reduce energy consumption**

by continuously improving operational performance

### **Identify resilience risks**

with detailed asset audit information at your fingertips

### **Renew assets accurately**

by focusing maintenance based on priority and ROI



# KNOW WHAT'S HAPPENING IN YOUR STATIONS

Combining our products and services, Pump Optimisation as a Service removes many of the barriers when considering how to assess pump assets, such as unwanted operational disruptions, perceived on-site safety risks and site staff burden.

Ready to go in three easy steps:



1

**Deploy**

on pumps,  
in stations



2

**Monitor**

efficiency &  
performance



3

**Save**

get data,  
make decisions



# 1 DEPLOY

## RAPID, LOW-RISK DEPLOYMENT

Once you've selected your site, our cable-free and easy to install FREEFLOWi4.0 pump monitoring system (as shown below) can be up and running in around 1 hour per pump, at low risk and with minimal disruption to existing operations.

Deployment includes secure on-site pump monitoring equipment to provide real-time data, enabling you to start seeing what's happening in your pumping stations for however long and across as many pumps as you wish.

INSTALLED  
IN ONE  
HOUR



2

## MONITOR

### LIVE PERFORMANCE MONITORING

Once in place, real-time data for each asset can be visualised, trended and evaluated, with information-driven insights highlighting performance issues and supporting decisions. You have the option to have instant data and diagnostics flowing into your SCADA system or cloud platform.

Ours is a game-changing approach compared to a traditional test, during which pumps are measured in turn, or findings achieved by using SCADA history and OEM pump curves.

#### How it works:

Our FREEFLOWi4.0 pump monitoring products may be permanently installed on-site, directly assessing actual operational performance, continuously gathering data and driving on-going optimisation. It's a complete solution for measuring efficiency across pumps, blowers, fans, and turbines.



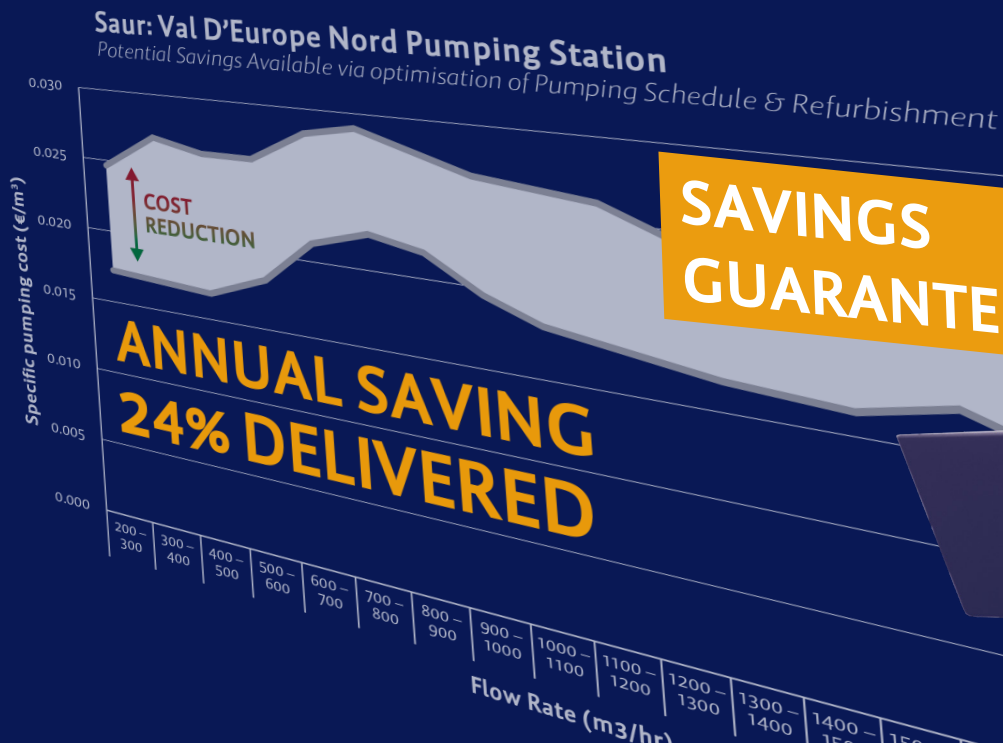


## 3 SAVE

# ANALYSIS & RESULTS TO DRIVE SAVINGS

Following deployment, we provide a comprehensive report outlining best practice recommendations, realistic payback calculations and a business case for moving forward – all backed by precision measurement and innovative analytics.

We appreciate payback often relies on the ability to implement recommendations quickly. Here, our consultants can assist with extra workload by helping to liaise with pump suppliers regarding pump specifications for example.



# OPTIMISE YOUR UTILITY, ONE STATION AT A TIME

## See how water utility Saur let Pump Optimisation as a Service flow through its network, delivering outstanding results

Starting with a station pilot and scaling to 66 stations and an entire network,  
we achieved a less than 12-month payback for Saur, the multi-national water utility company.

Read about the programme of work we implemented  
and how we achieved such amazing results.

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