

Saur: Val D'Europe Nord Pumping Station

Potential Savings Available via optimisation of Pumping Schedule & Refurbishment

Specific pumping cost (€/m³)

COST
REDUCTION

TARGET 20%
ANNUAL SAVINGS

Flow Rate (m³/s)

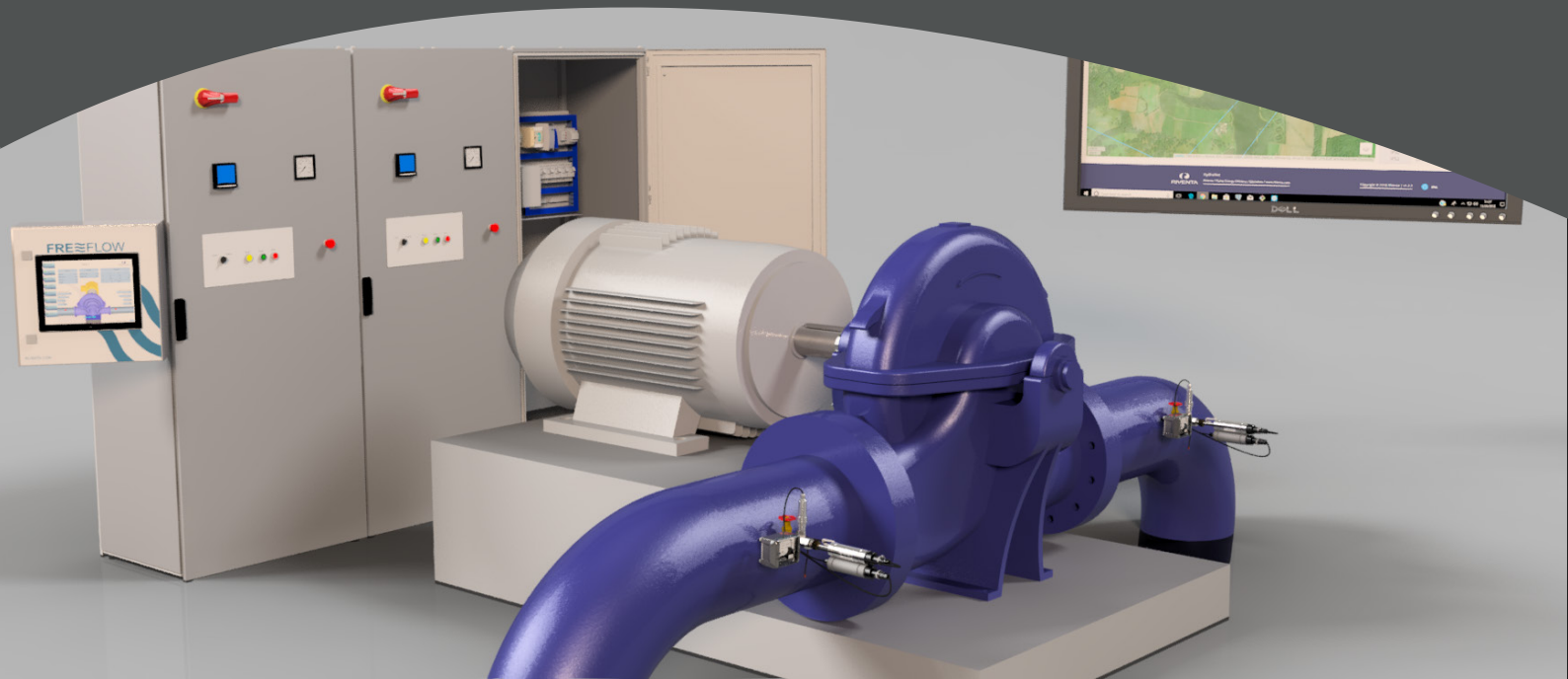
200 – 300	300 – 400	400 – 500	500 – 600	600 – 700	700 – 800	800 – 900	900 – 1000	1000 – 1100	1100 – 1200
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RIVENTA

PUMP MONITORING & OPTIMISATION

WHY OPTIMISE?



MINIMISE WHOLE-LIFE PUMPING COSTS

Reduce energy consumption

by continuously improving operational performance

Identify resilience risks

with real-time information at your fingertips

Renew assets accurately

by focusing maintenance based on priority and ROI

KNOW WHAT'S HAPPENING IN YOUR PUMP

Combining our products and services, Pump Monitoring and Optimisation enables whole life cost to be minimised for high energy pumping systems. Plan maintenance and optimise pump operation to always meet demand at least cost.

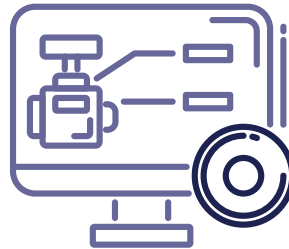
READY TO GO IN THREE EASY STEPS



1

INSTALL

on pumps, in stations



2

MONITOR

efficiency & performance



3

SAVE

get data, make decisions

1 INSTALL

MINIMISE WHOLE LIFE COSTS

Once you've selected your site, our easy to install FREEFLOW4.0 pump monitoring system (as shown below) can be up and running with no disruption to operations.

Following installation the pump monitoring equipment will provide real-time data, enabling both pump maintenance intervals and pump operation to be optimised.

ACCURATE
DATA 24/7



2 MONITOR

REAL-TIME PERFORMANCE DATA

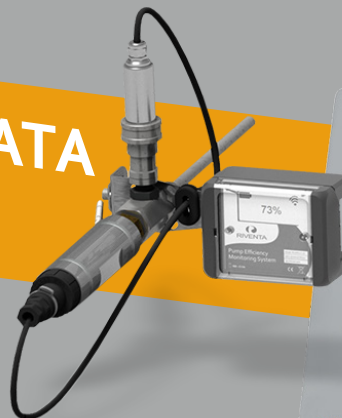
Your real-time data for each asset can be visualised, trended and evaluated, with information-driven insights highlighting performance issues and supporting decisions. You have the option to have instant data and diagnostics flowing into your SCADA system or cloud platform.

Ours is a game-changing approach compared to traditional instrumentation, where each pump's flow-rate and efficiency is measured to high precision so operational performance is maximised.

HOW IT WORKS:

Our FREEFLOWi4.0 pump monitoring system is 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.

REAL-TIME DATA
COLLECTION

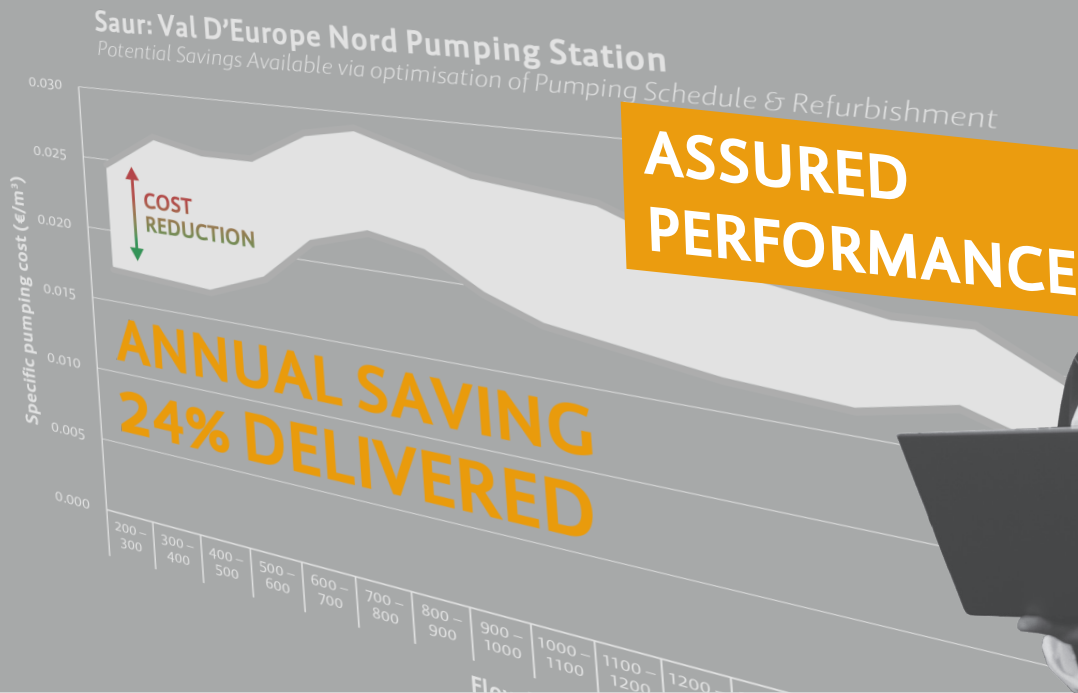


3 SAVE

DECISION SUPPORT TO DRIVE SAVINGS

Following deployment, we provide a comprehensive user interface that provides best practice operational schedules and payback calculations, 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 utilities around the world let
Pump Monitoring and Optimisation flow
through their networks, delivering
outstanding results**

Starting with a station pilot and scaling to many stations
we can deliver excellent results and short payback for your water utility.

Read about our work and how we achieve such amazing results.

SIGN UP TO RECEIVE OUR CASE STUDIES ,

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