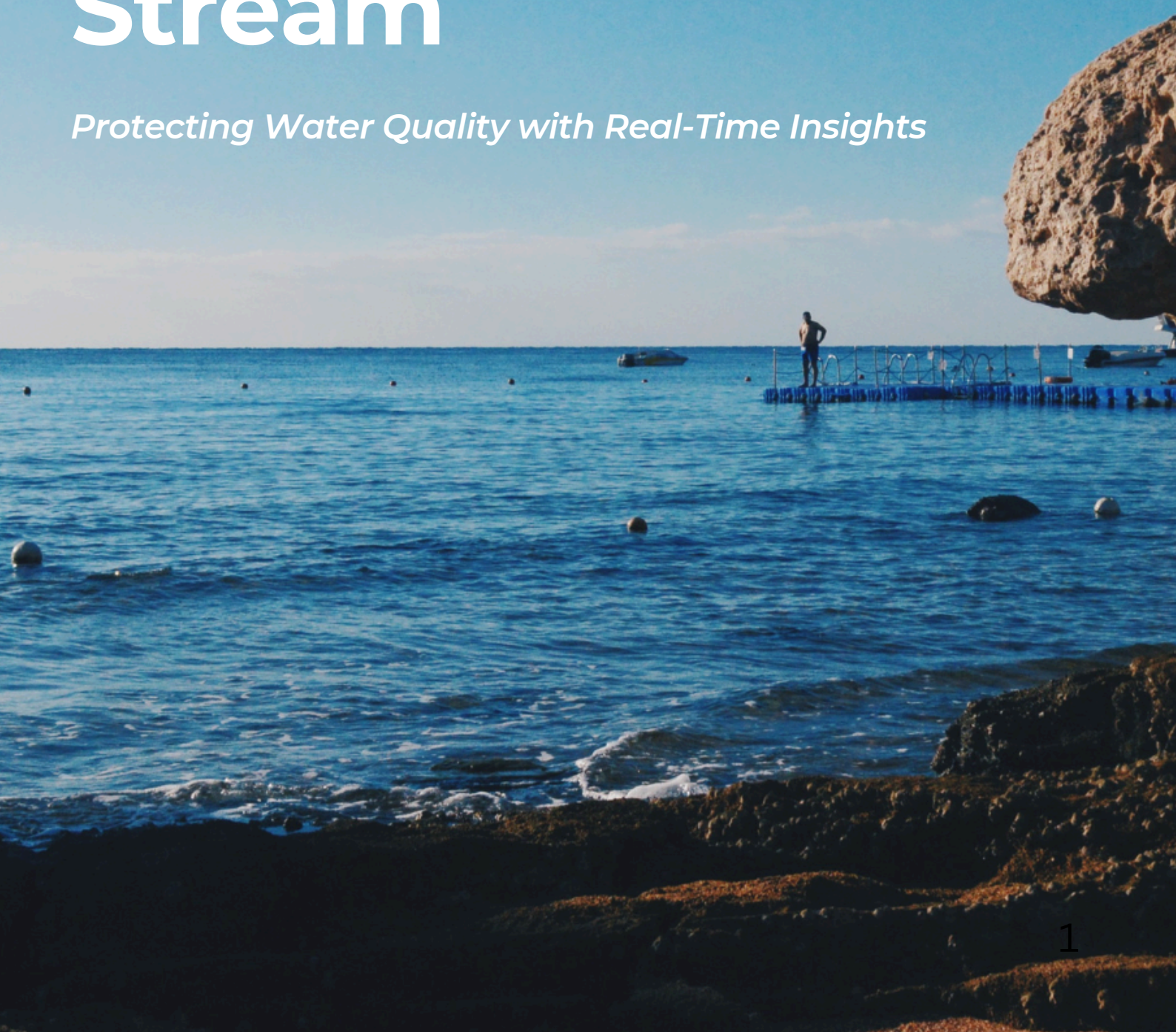


WellStat

Smarter Water Monitoring: From Shore to Stream

Protecting Water Quality with Real-Time Insights





Environmental stakeholders, whether utilities, local authorities, or private landowners, are under increasing pressure to track and improve water quality in real-time. Whether you're managing stormwater, monitoring aquatic health, or safeguarding public recreational areas, knowing what's in the water, and how it's moving, is essential.

The WellStat Solution: Turnkey, Intelligent Water Monitoring

WellStat integrates best-in-class sensors, expert deployment options, and real-time analytics to deliver water quality data you can trust. We offer:

- A flexible, modular water monitoring solution
- Integration of a wide range of specialist sensors tailored to your needs
- Hosting options for marine, river, or inland deployments
- Real-time data access via our platform or API

See It in Action: WellStat on the UK Coastline

WellStat has been deployed in coastal and inland sites across the UK, providing live water quality data to stakeholders including Wessex Water and Bournemouth Council.

- Prevented unplanned beach closures
- Improved transparency with residents and businesses
- Supported ecosystem health monitoring
- Strengthened decision-making with real-time alerts and forecasts



What We Measure

WellStat connects partner sensor technology through our platform to monitor a wide range of chemical, biological, and physical water quality indicators, including:

Fluorescence-based indicators:

- Tryptophan
- Chlorophyll a
- CDOM
- Optical Brighteners
- Crude & Refined Oils
- Fluorescein and Rhodamine dyes
- Blue-Green Algae (Cyanobacteria)
- Coliforms
- BOD, COD, TOC/DOC

Physiochemical parameters:

- pH, Temperature, Dissolved Oxygen
- EC/Salinity/TDS
- Turbidity, ORP/Redox

ISEs:

- Nitrate
- Ammonium, Ammonia
- Chloride
- Sodium
- Bromide
- Calcium

All of this data is collected continuously and streamed to the WellStat.io platform, where it's visualised, analysed, and used for real-time decision making.

Deployment Options

We offer a range of fit-for-environment hosting options, from marine-grade buoys to shore-mounted kits and portable sensor arrays, available for rent or purchase, with installation and full support provided.

A Powerful Platform for Any Environment

Our approach is simple: We integrate the best sensors with the right data infrastructure and combine them with smart insights.



Hardware Integration

We act as a solution integrator, selecting and managing the best sensors from our network of global partners to match your specific needs.



Connectivity & Hosting

Whether monitoring rivers, lakes, or coastal zones, we work with marine engineering experts to deliver reliable, site-appropriate deployments.



Data Platform & Modeling

Our proprietary WellStat.io platform offers live dashboards and trend analysis to help you make sense of what's happening, right now and over time.

Who We Are

WellStat is a leading PropTech company delivering real-time environmental intelligence across the built and natural environment. Our platform combines advanced analytics, IoT integration, and smart infrastructure to support water and air quality management.

With a strong foundation in energy and air systems, WellStat now partners with utilities, local authorities, and environmental agencies to deliver flexible water monitoring solutions, from marine buoys to inland deployments. Our tools help customers reduce environmental impact, meet compliance requirements, and make fast, data-driven decisions using real-time insights.

Real-Time Monitoring Made Easy


- Available as a buy or rent option
- Fully managed by WellStat
- Used in rivers, lakes, stormwater basins, or marine zones
- Customisable sensor configurations
- Full integration into your existing data systems




Let's Talk Water

Whether you're tracking pollutants, protecting public recreation, or supporting sustainability goals, WellStat is your partner for real-time, intelligent water monitoring.

Contact us today to get started


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 Watch the solution in action: [YouTube Video](#)

