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# INNOVATION & SMART WATER CONFERENCE

14 March 2024 | NCC, Birmingham



## DELEGATE GUIDE

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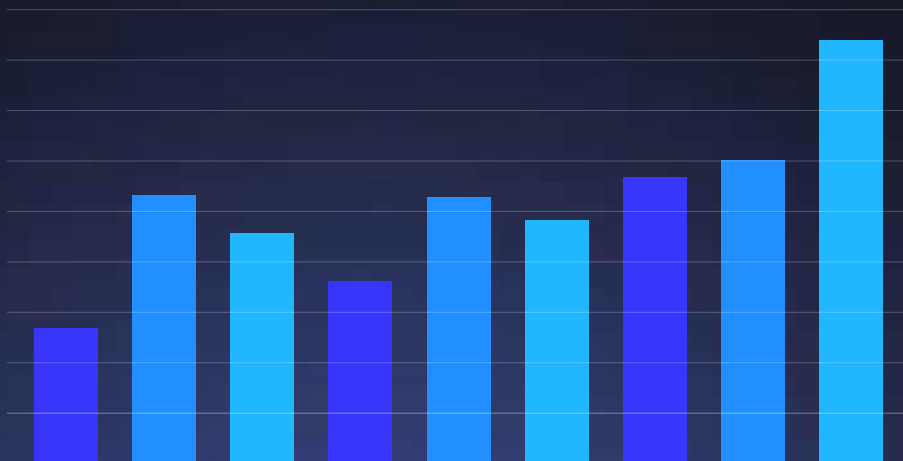
# Discover where you are in the digitisation of your clean and wastewater networks

Book a free, no obligation, data discovery workshop with one of our Digital Water Experts, and get a bespoke report that tells you:

- What's inhibiting your utility from benefitting from data
- Your strengths and what's worth doubling down on
- Practical recommendations on what to do next



**Book a 15-minute pre-Discovery call**





# INNOVATION & SMART WATER CONFERENCE

14 March 2024 | National Conference Centre, Birmingham

## PRODUCER WELCOME

The water sector faces unprecedented challenges and is turning to innovation and smart networks to tackle the UK's ageing infrastructure, climate change, pollution events, leakage, customer engagement, asset management and more. With innovation firmly positioned at the heart of industry strategy through Ofwat's £200million Innovation Fund, water companies are fast acquiring the tools that will drive meaningful transformation for customers and the environment.

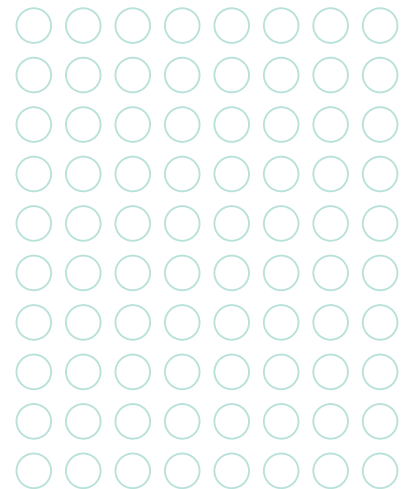
The 2024 Innovation & Smart Water Conference brings together WWT's long-standing Innovation & Smart Water events for a one-day showcase of the inspiring collaborations that are producing the most

successful innovation projects in the water industry. Our interactive content streams and expert speaker line-up will help water company directors, heads and managers responsible for innovation, technology, strategy and operations bring their innovation projects to life.

Join us to find out how to enhance, embed and scale innovation in your organisation, manage data in a meaningful way, adapt for digital transformation and understand the power of AI. Discover the latest in digital twins, leakage detection and sewer monitoring, with case studies from industry leaders, and a shared networking zone. Plus - choose your focus and tailor your day with sessions covering innovation adoption & implementation, and smart networks & technology running in parallel.

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## Filter the news you need

### MyUtilityWeek

The news, insight and events trusted by utilities leaders to eliminate knowledge gaps, pre-empt change and empower their teams.

**Meet Kate Murray at the membership registration desk for more information.**

# Empowering **Water Utilities** with Smart Energy Management



The water industry is a major energy user. In the UK, 3% of all energy used powers water treatment plants, pumping stations, and distribution networks. Despite advances in efficient and greener energy use, utilities remain under pressure to cut energy consumption and costs.

**The solution?** Real-time optimisation: the future of water sector energy management. It enables utilities to optimise energy use, slash carbon footprint, and cut costs.

**AQUADVANCED® Energy**, the industry leading real-time optimisation software for water distribution, offers 6%-8% reduced energy consumption and emissions, and a 12%-20% energy cost reduction. This advanced digital innovation empowers water utilities to seamlessly manage energy providers and tap into renewable energy sources, contributing to a better, cleaner future.

Discover more & explore at [SUEZ.COM/UK](https://www.suez.com/uk)



## GENERAL INFORMATION

### ADDRESS

The National Conference Centre, Coventry Road,  
Bickenhill, Solihull, West Midlands, B92 0EJ

### ASSISTANCE

If you have any queries during the conference, please visit the registration desk; it will be staffed throughout the event, and we are happy to help.

### FEEDBACK & PRESENTATIONS

Please find some time after the conference to complete the survey which will be emailed to you. It is invaluable in helping us to deliver future events in line with your requirements. *If you complete the survey by noon on Tuesday 19 March, we will send you the link to download all available presentations from the day.*

### SPEAKER REHEARSALS

To enable speakers to prepare, please ensure that you leave the main conference room during all refreshment breaks and lunch.

### Wi-Fi

Free Wi-Fi is available while you are at the conference. Wi-Fi can be found under NCCvisitors and it will ask you to enter your email address to gain access.

### REFRESHMENTS & EXHIBITION

All refreshments including a buffet lunch will be served in the Compton Suite. If you have arranged a special dietary meal, please make yourself known to the catering staff. Please take time to visit the exhibition stands during the refreshment breaks.

[event.utilityweek.co.uk/innovation-smart24](http://event.utilityweek.co.uk/innovation-smart24)

### SOCIAL MEDIA

Follow us on Twitter [@QUW\\_WWT](https://twitter.com/QUW_WWT) and tweet about this event using [#WWTInnovationandSmartWater](https://twitter.com/hashtag/WWTInnovationandSmartWater)

### SECURITY

Coat rails are provided in the exhibition area. We advise that you do not leave behind anything valuable.

### MOBILE PHONES

As a courtesy to the speakers and other delegates, please switch your mobile phones to silent while the conference is in progress.

### SPEAKER BIOGRAPHIES

To view the speaker biographies, please click [here](#)



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**Water Alliance**, the network organisation for the Dutch watertechnology sector, joins WWT Innovation & Smart Water Conference with a delegation of 5 Dutch innovative watertechnology companies:



**Azzuro** offers highly efficient alternatives to conventional technologies like chemical scrubbers, thermal oxidizers and carbon filters – without fail or high cost. Non-chemical, microbiological solutions are where the future lies, where clean solutions live. It's where AZZURO thrives. [azzurro.com](http://azzurro.com)



**Brightwork** helps waterboards, drinking water companies and industries with the production of drinking water and process water, water reuse and the purification of waste water. [brightwork.nl](http://brightwork.nl)



**LG Sonic** offers a sustainable technology to monitor and control algae blooms in drinking water reservoirs. [lgsonic.com](http://lgsonic.com)



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**Spatial Insight** is a data science consultancy enabling utilities to make optimal and accountable decisions about pipe replacement. [spatial-insight.nl/en/homepage/](http://spatial-insight.nl/en/homepage/)

*For more information, scan the QR code to go the website of TradeNL.*





## ATTENDEES INCLUDE

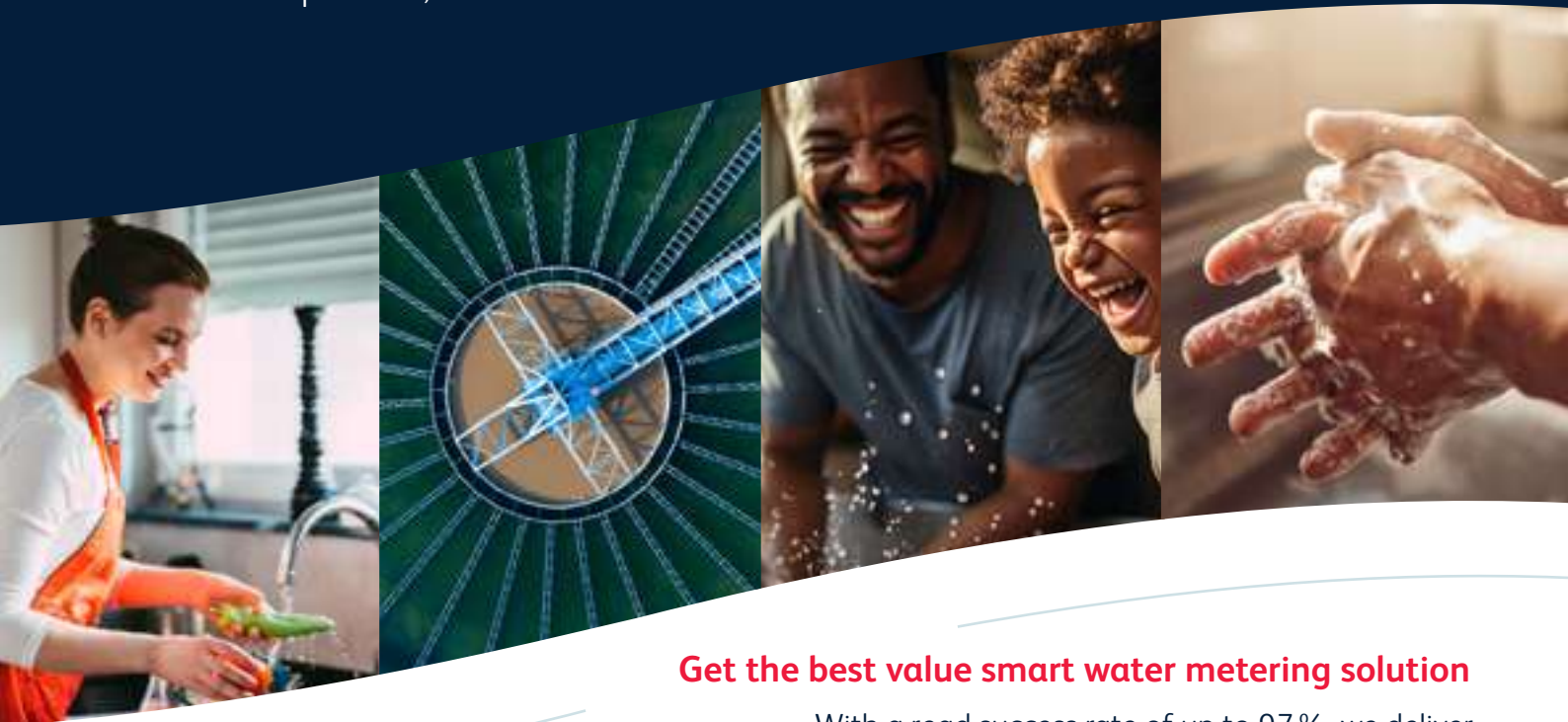
A collection of logos for various attendees, including:

- Affinity Water: Your local supply, on tap
- ALSYMEX: ALCEN
- love every drop anglianwater
- arqiva
- AVR
- Badger Meter
- Baringa
- BRITISH WATER
- bürkert: FILLED. CONTROLLED. EFFICIENT.
- CACI
- CHALLENGE WORKS: a next enterprise
- correla
- Crown Commercial Service
- Datatecnics
- Dŵr Cymru Welsh Water
- ESP: UTILITIES GROUP
- gentrack™
- GRAF
- isle
- Bentley
- Jacobs
- JerseyWater
- JOURNEY4: LEADING IN THE GREEN
- metaspHERE: make data count
- netmore
- NWG living water
- octopus energy
- Ofwat
- Our Rainwater
- Portsmouth Water
- Scottish Water: Award & Award Excellence
- ses WATER
- SEVERN TRENT
- south east water
- South Staffs Water
- SOUTH WEST WATER
- Southern Water: Ensuring water for life
- SPECIFIC ENERGY
- spring
- STIFEL
- STORMHARVESTER®: SMARTER DRAINAGE SOLUTIONS
- suez
- swan: ANALYTICAL INSTRUMENTS
- TECHNOLOG
- Thames Water
- Tilbury Douglas
- Udlive.io
- UKWIR: IN THE WATER BUSINESS
- United Utilities: Water for the North West
- UNIVERSITY OF EXETER
- The University of Sheffield
- VEOLIA
- vyn: SmartVideoNotes
- wateralliance
- Wessex Water: YTL GROUP FOR YOU. FOR LIFE.
- WESTCOUNTRY RIVERS TRUST
- YorkshireWater



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### Flexible financing

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### Evolving Support

As your plans progress, we'll work with you on the best ways to accelerate behaviour change.

### Customised delivery

We create rollout plans to suit your operations and develop custom network applications to meet your business needs.



### Download our whitepaper to find out more.

Discover how to future-proof your AMI investments in AMP8 and beyond by downloading our whitepaper now.

# wiia

WATER  
INDUSTRY  
AWARDS 2024

4 JULY 2024 THE VOX, BIRMINGHAM

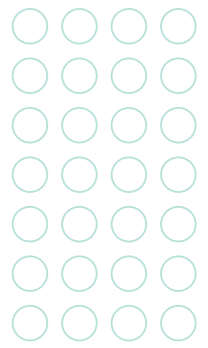
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[waterindustryawards.co.uk](https://waterindustryawards.co.uk)



## OPENING SESSION

The day begins with a joint session. After the 10:45 refreshment break, please move to your stream of choice.

**08:15** Registration, networking and exhibition

**09:00** Welcome from conference chair

Piers Clark, chairman, **Isle Group**

## MOBILISING INNOVATION & SMART WATER NETWORKS

**09:05** Innovation in PR24 and an update on the Ofwat innovation fund

- The regulator's view on how industry innovation is progressing
- Short and long-term expectations

Helen Campbell, senior director – sector performance, **Ofwat**

**09:20** Innovation mobilised through the Spring model

- Results from the 3rd accelerator launch
- Driving collaborative innovation
- Unlocking performance improvements in the water sector

Carly Perry, managing director, **Spring**

**09:35** Questions and answers

**09:45** Innovating at speed and scale

- Reacting quickly to the demands of climate change
- How can we speed up our innovation processes?
- How can we ensure that we scale up the things that work?

Nigel Watson, CIO, **Northumbrian Water**

**10:00** AI as 'Business as Usual' in Water

- A pulse check on AI in the UK water sector
- AI's role in meaningfully tackling our most pressing challenges
- Unlocking value for customers of water utilities from AI

Suhayl Zulfiquar, chief executive officer, **Datatecnics**

**10:15** Panel discussion and questions: bridging the gap between today and the future

- Tackling the 'perfect storm' of ageing infrastructure, climate change and the cost-of-living through innovation
- The role of industry knowledge-sharing in driving innovation
- Risk management and incentivisation: what changes need to be made in the industry?
- Where is technology going? What's next?

Annesley Crisp, senior project manager, **Anglian Water**

Lauren Tyler, head of innovation, **Southern Water**

Nigel Watson, CIO, **Northumbrian Water**

Suhayl Zulfiquar, chief executive officer, **Datatecnics**

John Lillistone, director of market development, **Arqiva**

**10:45** Refreshments, networking and exhibition

# AVK UK TRUST YOUR NETWORK THROUGH DIGITAL MONITORING

In many countries, utilities responsible for delivering clean water to consumers use data to control and monitor their distribution network. They have smart meters installed in most households, so they can bill consumers based on actual consumption.

Between the water works and the consumers, there are so few sensors installed that this area is sometimes considered the black box. Within this area it is next to impossible for utilities to know exactly what is going on because the area is huge, and most assets are installed in the ground. This leaves Utilities with uncertainty about the position of their valves, difficulties in locating leaks, and challenges with acquiring data of sufficient quality.

However, within the network, there are thousands of valves, fittings, combi-crosses, and hydrants installed, and each of these assets are ideal points to collect data from. AVK Smart Water makes it possible to collect this data by providing intelligent sensors that can be installed in the distribution network. This means that the water utility can acquire data from their assets and turn the black box into a more transparent water network.

With a transparent water network, you can localise leaks faster, extend the lifetime of assets, save resources by minimising truck rolls, and save energy by only pumping the needed capacity. These are just a few of the advantages you will receive by introducing the AVK Smart Water solution into your water network.

## VIDI CLOUD

A multi-device, cloud-based software platform created to receive and collate data captured by AVK Smart Water products.



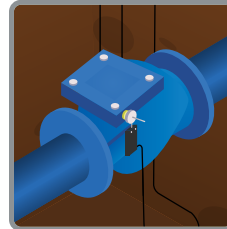
## SMART WATER AIR VALVE

Provides 'remote' visibility across your air valves, reducing operational costs and leaks that can lead to fines.



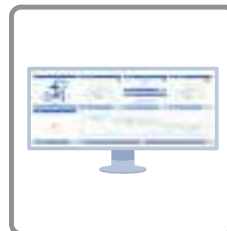
## SMART CHECK VALVES

AVK check or non-return valves are mainly used to prevent the backflow of water to protect a system and its assets and to reduce the risk of water hammer.



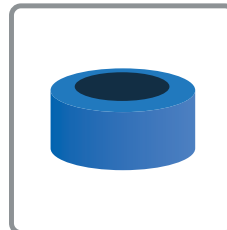
## VIDI PRV DASHBOARD

Offering diagnostics on valve failure, advice on spare parts needed as well as identifying DMA valve operation which can lead to false alarms with network issues.



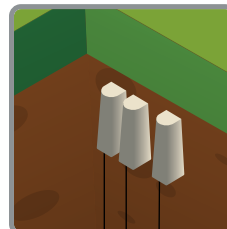
## VIDI POSITIONER

Transforms a standard valve or hydrant into a smart, intelligence gathering tool, providing insights for network improvements.



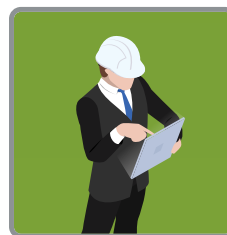
## VIDI PRESSURE

Remote sensors frequently monitor water pressures delivering insights that optimise network performance in line with demand.



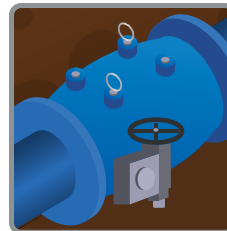
## AVK ASSIST

A comprehensive mobile-first, paperless solution for tracking all your assets across your distribution network.



## CONTROL VALVE(S)

AVK offer many types of smart control valves, with variations of 879-diaphragm and 872-needle control valves.



For further details on AVK Smart Water solutions please contact:

**Rob Edwards - Smart Water Specialist**

T: +44 (0) 1604 608119

E: roed@avkuk.co.uk

W: [www.avkuk.co.uk/en-gb/smart-water/smart-water/smart-water-insights/smart-water](http://www.avkuk.co.uk/en-gb/smart-water/smart-water/smart-water-insights/smart-water)



# INNOVATION CONFERENCE

(subject to change)

## ADOPTING & EMBEDDING INNOVATION

### 11:15 Embedding innovation within an organisation

- Improving and scaling innovation adoption
- Managing cultures and change
- The role of people in sustaining innovative processes

**Paul Gaskin**, innovation, optimisation and compliance manager, **Dŵr Cymru Welsh Water**

### 11:35 INNOVATION MASTERCLASS: out of sector learnings

- Octopus Energy share their journey through the implementation of new technologies and innovative strategies to drive business results and offer learnings for the water industry

**Phil Steele**, future technologies evangelist, **Octopus Energy**

### 11:55 Questions and answers

### 12:05 INNOVATION IN ACTION: overcoming innovation blockers and debunking failure



*Explore how to create a desire for change and ambition in your organisation and overcome the fear of failure in this interactive brainstorming session. Find out how your peers are creating momentum and cutting through the noise of innovation to sustain innovative practices that drive true business results.*

Led by:

**Piers Clark**, chairman, **Isle Group**

**Ruth Williams**, water correspondent, **Utility Week**

### 12:45 Fork buffet lunch, networking and exhibition

## UNLOCKING PERFORMANCE IMPROVEMENTS

### 13:45 The leakage innovation landscape

- Coming up with a holistic research plan for leakage
- How do we tackle failures and challenging leakage targets in changing times?
- Considering three mode breakouts: are we ready for more summer bursts?

**Jeremy Heath**, innovation manager, **SES Water**

### 14:00 Optimising water supply for climate change realities

- A real-time optimisation system for water distribution networks
- Real life experience of SUEZ AQUADVANCED® Water Supply (formerly known as AQUADVANCED® Energy)

**Owen Smith**, water supply optimisation manager, **Bristol Water (on behalf of SUEZ)**

### 14:15 Minimising water demand and offsetting consumption with new technology innovation

- Project winner of £2.9million in Ofwat's Breakthrough Challenge
- Delivering a sustainable, water-saving solution for new housing developments
- Achieving a Water Neutrality Blueprint

**Julian Webster**, water net zero engineering manager, **Affinity Water**

### 14:30 Unlocking community-centric rainwater management

- Customer-centric digital technology: learning from evidence at pathfinder projects
- Innovation to better meet the needs of customers, communities and the environment
- Driving efficiencies in the water sector: a collaborative approach

**Dr Sarah Bunney**, chief operating officer, **Our Rainwater Ltd**

**Craig Boorman**, principal environmental engineer, **Thames Water**

### 14:45 Questions and answers

### 15:00 Panel discussion and questions: optimising processes and driving efficiencies

- How can we unlock innovation to enhance ODIs?
- Realising the operational and cost benefits of digital transformation
- What role will AI have in future operational strategies?

**Matt Pickersgill**, wastewater innovation coordinator, **Northumbrian Water**

**Tony Harrington**, director of environment, **Dŵr Cymru Welsh Water**

**Andy Smith**, head of smart water, **Anglian Water**  
**Hattie Lister**, regional director, **Vyntelligence**

### 15:30 Refreshments, networking and exhibition

## TACKLING CLIMATE CHANGE & NET ZERO

### 16:00 Scaling up nature-based solutions

- Unlocking long-term delivery strategies through the use of Nature Based Solutions
  - NBS for water management, the art of the possible
- Matthew Moore**, strategic flood and partnership manager, **Anglian Water**

### 16:15 Outcomes of 'Smarter Tanks': project winner, Ofwat's Innovation in Water Challenge

- Monitoring technology to anticipate extreme weather and water shortages brought on by climate change
- Real-time control solutions for a more resilient network and reduced customer disruption
- Project outcomes and learnings

**John Rumble**, senior asset manager, **Affinity Water**

### 16:30 Questions and answers

### 16:45 Chair's closing remarks and close of the WWT Innovation Conference

# TRANSFORMING OPERATIONS AND ASSETS FOR THE FUTURE OF WATER UTILITIES

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BPD worked with SSC Water and was recently chosen by Scottish Water to upgrade their EAM systems and implement field service mobile and work scheduling optimisation solutions to increase productivity and efficiency...

Analytics provides SSC with visibility into workforce and assets

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Mobile access minimises admin time for progress tracking

- Up to **50%+** increase in completed jobs per day.
- **20%** more jobs dispatched with mobile capabilities.



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**Learn how our integrated asset and operations solutions can optimise your workflows.**

**Request a demo at Stand 17!**



If you'd like any further information about the SSC project, or BPD's experience in Water Utilities, please get in touch - we'd love to hear from you!



**Roger Kennedy**

Business Development Manager

roger.kennedy@bpdzenith.com

+44 (0)7785 29651A

(Scan QR to book time with Roger)



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# SMART WATER CONFERENCE

(subject to change)

## THE EVOLUTION OF SMART WATER

**CHAIR:** Ben Tam, CEO, Isle Utilities

### 11:15 Portsmouth Water's digital twin strategy

- Strategic digital transformation for the water industry
- Operational and efficiency benefits
- Progress update and next steps

**Bob Taylor**, CEO, Portsmouth Water

### 11:35 Evolving network management: implementation a year on

- Deploying AI as BAU
- Proactive response and prevention
- Operational monitoring and control
- Storage optimisation

**Samantha Sloan**, network business manager, United Utilities

### 11:55 Water Net Gain: creating a distributive Smart Water Grid for the future

- An update on a project winner from the Ofwat innovation competition
- Exploring the potential of ecologically connected 'smart ponds' to enhance water retention
- New ways of thinking about, valuing and storing water across the South West

**Dr Laurence Couldrick**, CEO, Westcountry Rivers Trust

### 12:15 Questions and answers

### 12:45 Fork buffet lunch, networking and exhibition

## DATA, AI & MACHINE LEARNING

### 13:45 Keynote: embracing game-changing technology and AI models

**Gigi Karmous-Edwards**, author and founder & co-chair SWAN Digital Twin Working Group

### 14:05 Intelligent data management and communications

- Exploring the criticality of data standardisation for proactive analysis and auditable operational response
- Data requirements to simplify transferring to a new telemetry system

**Anthony Kyriacou**, operational technology lead, Severn Trent

### 14:25 Questions and answers

### 14:35 SMART WATER IN ACTION: understanding the power of AI



*Explore industry's view of the power of AI and the route to making it BAU in this interactive brainstorming session. Find out how your peers are deploying AI, updating skillsets, integrating it with old infrastructure and overcoming blockers to maximise the benefits.*

Led by:

**Ben Tam**, CEO, Isle Utilities

**Stuart Moss**, managing director, Europe, Isle Utilities

### 15:30 Refreshments networking and exhibition

## DELIVERING FOR THE FUTURE CUSTOMER

### 16:00 Innovation in customer support and data sharing

- Northumbrian Water's 'Support for All' project
- The design, build and delivery of a hub to securely host customer data
- Securing the future needs of customers

**Helen Patterson**, collections strategy manager, Northumbrian Water

### 16:15 Innovation in tackling background leakage

- Delivering advanced data analysis to identify, quantify and locate background leakage
- Proactive identification of problems, performance improvement and water supply safeguarding

**Saba Rabab**, KTP associate – real time control, University of Sheffield

### 16:30 Full watercycle systems management: opportunities

- What does the future look like for smart whole systems management?
- How will it deliver for customers and the environment?

**Annesley Crisp**, senior project manager, Anglian Water

### 16:45 Questions and answers

### 17:00 Chair's closing remarks and close of the WWT Smart Water Conference

We make ideas flow.

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## CO-SPONSORS



Headquartered in Media City, Manchester, **DATATECNICS** builds prediction models and visualisation tools for clean and wastewater networks, exclusively.

Through its sensor and AI-driven platform Foresight, Datatecnics helps water utilities optimise network management, reducing leaks and bursts.

Working in partnership with the Centre of Water Systems at the University of Exeter, Datatecnics has been selected onto the most prestigious accelerators in water, including United Utilities' Innovation Lab and Imagine H2O.

Serving water companies across the UK and mainland Europe, Datatecnics is aiding the sector's transition to predictive maintenance of assets and improved water efficiency.

**For more information, please visit: [www.datatecnics.com](http://www.datatecnics.com)**



With its technologies, global experience, operational capabilities, digital solutions, licenses, and patents, **SUEZ** is uniquely placed to respond to the environmental needs of customers.

SUEZ is committed to this highly dynamic, booming and critical industry, with four specialist development centres and 150 researchers dedicated to R&D and innovation, exploring solutions based on data analysis and data exploitation as well as those found in nature. The company's ambitious technological partnerships facilitate the responsiveness and agility to meet customer challenges. SUEZ is committed to specific, achievable and measurable operational goals to fight climate change, preserve biodiversity and social responsibility.

**For more information, please visit: [www.suez.com](http://www.suez.com)**



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**BRIGHTWORK** helps waterboards, drinking water companies and industries with the production of drinking water and process water, water reuse and the purification of waste water. **Read more: [www.brightwork.nl](http://www.brightwork.nl)**

**LG SONIC** offers a sustainable technology to monitor and control algae blooms in drinking water reservoirs. **Read more: [www.lgsonic.com](http://www.lgsonic.com)**

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**SPATIAL INSIGHT** is a data science consultancy enabling utilities to make optimal and accountable decisions about pipe replacement. **Read more: [www.spatial-insight.nl/en](http://www.spatial-insight.nl/en)**



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- Meet Regulatory Requirements
- Mitigate Health & Safety Risks

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**ACCELERATE YOUR LEAKAGE REDUCTION PROGRAM** WITH GWF'S INNOVATIVE, **BALANCE DECISION SUPPORT SYSTEM:**

- Accurately quantify leakage type & prioritise resources
- Deploy the right leakage solution to maximise reduction
- Optimise smart metering rollouts





## EXHIBITORS



**Arqiva** is at the heart of the broadcast and utilities sectors, providing critical data, network, and communications services. Working in partnership with customers to meet everyone's demand for information, content and entertainment, Arqiva enables a switched-on world to flow.

Arqiva's advanced, secure, and dedicated networks support the management of critical data for a range of smart metering networks in the energy and water sectors. As a UK critical national infrastructure provider, the company is trusted to deliver by the country's biggest utility brands on their journey to a smarter, greener and more efficient tomorrow.

For more information, please visit: [www.arqiva.com](http://www.arqiva.com)



The **AVK Group** is one of the leading manufacturers of valves and fittings within the water, gas, waste water, industrial and fire protection industries worldwide and has 100+ companies globally.

For more information, please visit: [www.avkuk.com](http://www.avkuk.com)



**BPD Zenith** is a leading global provider of Enterprise Asset Management (EAM) solutions, specialising in the delivery and support of IBM Maximo and associated cloud technologies. With 30 years' experience in the EAM space, and a focus on innovation and sustainability, the company empowers organisations to achieve operational excellence through optimised asset management, enhanced operational insights, and streamlined maintenance processes. Its award-winning expertise spans across various industry sectors, including utilities, energy, transportation, and manufacturing, ensuring clients benefit from bespoke, industry-specific solutions and enhancements. Committed to customer success, BPD Zenith offers comprehensive services from consultation to implementation and ongoing cloud/application support.

For more information, please visit: [www.bpdzenith.com](http://www.bpdzenith.com)



**Bürkert Fluid Control Systems** is an expert in fluid control technology, with a particular focus on measuring, controlling and regulating gases and liquids and automating processes. Its product range includes control valves, pneumatics, sensors and more. From water quality monitoring to transmitters and controllers, its products can measure a range of parameters, including chlorine, pH, turbidity and many more. The company doesn't just focus on providing the basic components for your needs, but also works with you to become a partner throughout a project, offering complete system solutions and control loops for a range of applications.

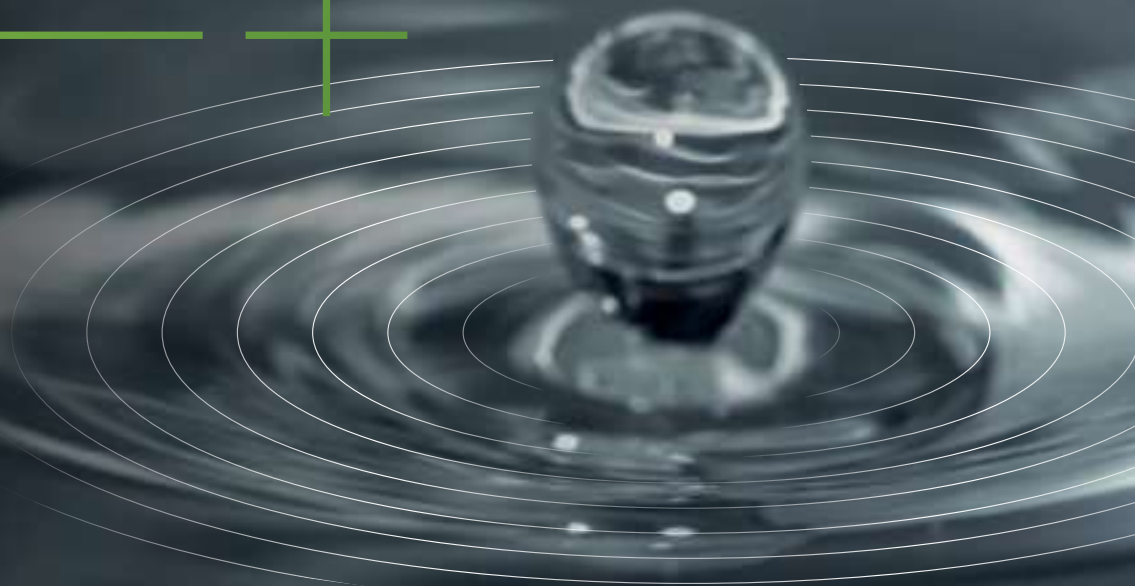
For more information, please visit: [www.burkert.com](http://www.burkert.com)

*Continued...*



# Simplify Water Management

with Ultrasonic  
Smart Water  
Metering Solutions



Discover how





## EXHIBITORS *continued*



**GUTERMANN**

**GUTERMANN** specialises in the design, manufacturing and distribution of water leak detection equipment. Constantly focusing on innovation, and often at the forefront of new product developments, the company is always pushing the boundaries of water leak management technology. Thanks to its tireless commitment to product quality, functionality and user-friendliness, GUTERMANN has become a synonym for precision, consistency and reliability in leak detection technology worldwide.

For more information, please visit: [www.gutermann-water.com](http://www.gutermann-water.com)

**GWF**

**GWF** is an industry leader in flow measurement technologies and solutions. Its innovations enable utilities and industries worldwide to better manage valuable resources. GWF supplies smart metering technologies and decision support solutions for water supply networks helping to measure distribution networks highly accurately, reduce leakage and optimize utility resources. Its acoustic flow metering range includes class leading MCERTS approved technology to support pollution prevention, meet regulatory requirements and improve wastewater management. Please visit the GWF stand to learn more about the company's innovations and smart technologies.

For more information, please visit: [www.gwf.ch](http://www.gwf.ch)

**Landis+Gyr**

**Landis+Gyr** is a leading global provider of integrated energy management solutions. The company measures and analyses energy utilisation to generate empowering analytics for smart grid and infrastructure management, enabling utilities and consumers to reduce consumption. Its innovative and proven portfolio of software, services and intelligent sensor technology is a key driver to decarbonise the grid. Having avoided more than 9.5 million tons of CO<sub>2</sub> in FY 2022, Landis+Gyr manages energy better – since 1896.

With sales of USD 1.7 billion in FY 2022, Landis+Gyr employs around 7,800 talented people across five continents.

For more information, please visit: [www.landisgyr.com](http://www.landisgyr.com)

*Continued...*

# Ofwat Innovation Fund

The Ofwat Innovation Fund is a £200m initiative to grow the water sector's capacity to innovate.

Visit our stand to speak to us about:

- How to enter the Water Breakthrough Challenge 5, opening in September 2024 with up to £40 million available
- Upcoming announcement of the Water Breakthrough Challenge 4 winners
- The 77 projects funded so far, including 10 exciting innovations in the Water Discovery Challenge

Find out more at [waterinnovation.challenges.org](https://waterinnovation.challenges.org) or contact [waterinnovation@challengeworks.org](mailto:waterinnovation@challengeworks.org)

Delivered collaboratively by:





## EXHIBITORS *continued*



**Ofwat** has established a £200million Innovation Fund to grow the water sector's capacity to innovate, enabling it to better meet the evolving needs of customers, society and the environment.

It launched the fund as a pilot in November 2020, and delivered three competitions. Following a review of the pilot period and a consultation, Ofwat expects different rounds of the competitions to run until at least 2025, and it is currently consulting on a proposal to continue the Fund until 2030, but the goal is that the Fund's impact will continue well beyond this.

Competitions will be focused on funding initiatives in line with the aims of the Fund, that deliver innovation aligned with the four strategic innovation themes.

Led by Ofwat, the Innovation Fund is being delivered by Challenge Works (formerly known as Nesta Challenges), in partnership with Arup and Isle Utilities.

**For more information, please visit: [www.ofwatinnovationfund.com](http://www.ofwatinnovationfund.com)**



**UDlive** produces high-end sensors and IoT systems for the water industry and other utilities. Its fully-remote devices accurately measure a range of relevant conditions, including water level and flow, temperature and movement. By distributing UDlive sensors across their wastewater networks, water companies have transformed their understanding of those networks, enabled advanced warnings of likely discharge locations during high rainfall, and improved their blockage prediction capabilities. They have also significantly improved the quality of the data they report on length and quantity of sewer overflows into rivers and seas.

**For more information, please visit: [www.dmslive.io](http://www.dmslive.io)**



**Vyntelligence (Vyn)** enables faster deployments, quotes and resolutions through its video and AI-first approach. Recognised as a Gartner Cool Vendor in 2023 and trusted by 80% of top UK utilities, Vyn builds happier customers, colleagues, and contractors, and drives sustainable revenue growth, setting new standards for excellence. Headquartered in London, Vyntelligence has been delivering up to 9X ROI for global energy, telecom and utilities customers such as Engie, EDP, Enel, Suez, Cadent Gas, UK Power Networks, Northumbrian Water, and Openreach. Vyntelligence has been granted US patents for Smart Data Capture, Ranking and Delivery of Insights.

**For more information, please visit: [www.vyntelligence.com](http://www.vyntelligence.com)**



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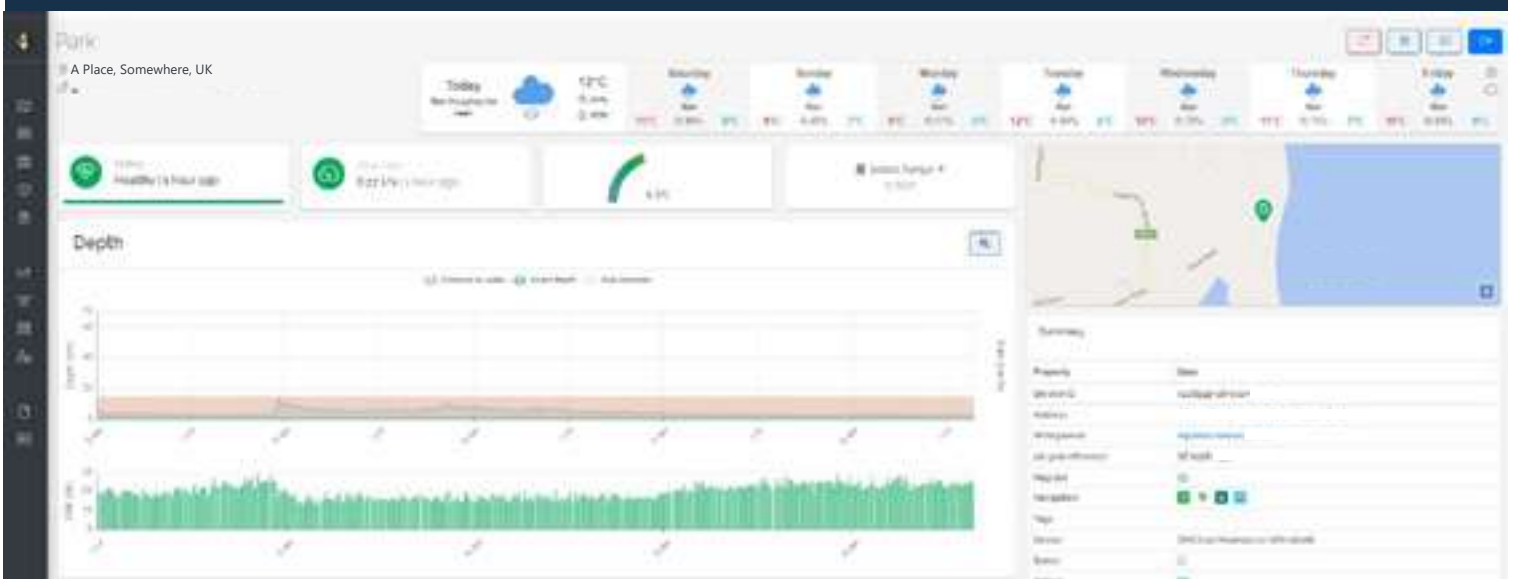
#WWTInnovationAndSmartWater



# Environmental Monitoring Systems for Wastewater and Flooding.

Come see us about:

- **Sewer level and flow**  
 Low cost sensors, RTUs, Software for CSOs & networks.
- **Flooding, Drainage and SUDS**  
 Low Cost integrated sensors, RTUs and Software.
- **Infiltration Prediction and Sensor Placement**  
 Learn how we can help identify sources of inflow.
- **At Scale Deployments**  
 Planning lower risk sensor roll outs.
- **Edge, Commoditisation of AI, Data Integration**  
 Define, Learn, share.
- **Advancing Sensor Networks and Sustainability**  
 More accurate, easier to manage, longer lifetime.





## SUPPORTERS



### MISSION

**British Water** represents the interests of UK water and wastewater supply chain companies together with wider stakeholders across the sector, through its UK, technical and international forums, connecting them to contacts to raise their profile, grow their business and promote best practice. Its Water Industry Forum provides challenge-led, independent thought leadership, to tackle the challenges facing the sector.

### PURPOSE

British Water provides leadership, support and best practice and addresses the challenges faced by the UK water sector through its UK, technical and international forums, and its neutral Water Industry Forum

**For more information, please visit: [www.britishwater.co.uk](http://www.britishwater.co.uk)**



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**For more information, please visit: [www.colourstudios.co.uk](http://www.colourstudios.co.uk)**



The **Sensors for Water Interest Group (SWIG)** is a not for profit, knowledge-exchange and networking group with a diverse UK-wide membership. It holds cost effective events covering all aspects of water sensing.

Its purpose is to make the world of water a better place through the informed use of sensors. It does this by increasing understanding and use of sensors in water and wastewater processes, in water networks and in the natural environment.

### VALUES:

- We are collaborative
- We care about water
- We are inclusive
- We love sensors

'Sensors make sense'

**For further information, please visit: [www.swig.org.uk](http://www.swig.org.uk)**



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