

E-Newsletter

Pump Centre

Mini Conference Season is Upon Us...

The Pump Centre continues to host a range of events throughout the year for our members and this year is no different with a trio of mini conferences imminent during November and December.

The upcoming mini conferences are in partnership with the Environment Agency 5th November, Anglian Water 27th November and United Utilities 11th December. These smaller, more focussed events offer unique opportunities to seek targeted solutions and deeper engagement with peers, suppliers and manufacturers.

The theme for the Environment Agency mini conference 2024 is 'How can Artificial Intelligence complement maintenance processes and support asset reliability and resilience?' Highlighting the vision for safe, reliable and sustainable operational assets supporting a healthy natural environment and climate resilient communities.

The Future of Water Industry Knowledge Sharing:

Mini conferences are very popular and prove to be a valuable tool for water industry companies seeking focused learning and collaboration. By the Pump Centre partnering with other organisations, these events can effectively address critical challenges and drive innovation in the sector. As the water industry continues to evolve, mini conferences will likely play an increasingly important role in shaping its future. We look forward to seeing our members at these events.



Training Courses

WIMES 4.01 Paints & Polymeric Coatings for Corrosion Protection
19-20 Nov 2024 - 2 Days (Virtual)

Pumps & Pumping Systems
4-6 Feb 2025 - 3 Days (Virtual)

Bearings & Lubrication Awareness
11-12 Feb 2025 - 2 Days (Virtual)

Introduction to the Water Treatment Process
27 Feb 2025 - Virtual

Introduction to the Sewage Treatment Process
28 Feb 2025 - Virtual

To reserve your place & book any of these courses, contact karen.bridgeman@arcadis.com

Become a Member

The Pump Centre membership offers a wealth of benefits to companies in the water industry. As a member, you will gain access to a vast network of experts, fostering collaboration and knowledge sharing.

You can also stay up to date with the latest industry trends, advancements, and best practices through exclusive technical publications, webinars and events. You'll benefit from discounted rates on training courses, conferences and exhibitions.

To find out more about our membership benefits, visit our website. Membership will fully re-open in January 2025.

[Sign Up Today](#)

Young Engineers Awards Nomination Closing Soon

The Young Engineer Awards celebrates the very best of the UK water industry's brightest young engineers and this is one of the ways in which the Pump Centre continues to champion and support their development. The awards are presented each year at the Water Equipment Show's Awards Dinner and nominations for the 2025 awards will be closing at the end of November.

Why Nominate?

- **Recognise excellence** and highlight the outstanding work of engineers who are really making a difference.
- **Inspire others** by motivating other young engineers to pursue a career in engineering.
- **Boost their career**, their confidence and career prospects by not only potentially winning an award but also being nominated.
- **Promote Innovation** by encouraging and celebrating groundbreaking work and driving progress in the engineering field.



Don't miss this opportunity to celebrate the incredible work of young engineers.

Nominate a deserving individual today and help them shine! Details of how to nominate can be found on our event website.



Costain and WSP to Develop AI-powered Data Analytics Platform

This will require enormous volumes of data to be gathered and analysed for design, operational and compliance purposes. This will be a considerable challenge across the water and wastewater industry and one that will not be accomplished using existing techniques.

Costain is partnering with WSP to develop a proof-of-concept for NWG (Northumbrian Water Group) called WISDOM: Wastewater Insights for Standardisation, Delivery, Operation and Maintenance... [Read more](#)



AMP8 Challenge or Opportunity?

Over the recent months, as water companies across the UK have toiled with their draft determinations and the scale of the AMP 8 programme, There has been a lot of discussions surrounding the challenges that AMP8 brings, and there certainly are many. Some of the more prominent are supply chain capacity, resource availability and project delivery timescales.

As you would expect, all water companies are working hard to face these challenges, adopting new commercial models, engaging more with out-of-sector resources and securing supply chain agreements. One area of particular focus is standardisation; the question raised is whether, without the scale of the challenge presented by AMP8, would the standardisation conversations even happen? Perhaps not to the extent that they are with water companies seeking to collaborate more with their supply chains and, most importantly, with each other. Never before have so many external factors aligned to enable change, promoting standardisation and collaboration.

By seizing this opportunity, can the water industry transform AMP8 from a daunting challenge into a catalyst for lasting positive change?



Advice for Implementation of Modular Control Systems to Improve ASP Treatment and Efficiency.

An Opinion Piece by Oliver Hallett, Air Technology.

During my decade working in wastewater various numbers have been shown to me about how energy intensive wastewater treatment is. No matter which number is discussed there seems to be one thing of which there is little doubt - energy consumption it is very very high. With this understanding there has been a concerted push within the industry's supply chain to promote energy reduction and increased efficiency as a key reasons to purchase new capital equipment for marginal gains.

Whilst a 10% saving on blower efficiency or... [Read more](#)



Automating Century-Old Infrastructure: A Case Study by Score in Modernising 100-Year-Old Penstocks

As water regulator Ofwat has cleared the way for an £88 billion investment during AMP8, including a targeted 44% reduction in storm overflow spills, the evolution of industrial infrastructure necessitates either replacing or proactively upgrading legacy systems to meet current standards.

This article delves into a case study involving the automation of century-old flow control penstock at a UK reservoir, highlighting the critical industry issues of asset obsolescence, manual handling challenges, and the pursuit of enhanced plant... [Read more](#)



Welcome to Our New members

We have seen significant, continued growth in our membership numbers over recent months. We would like to welcome the latest member companies:



Valtorx



Aqua Consultants



Costain



Eric Wright



Morgan Sindall



Atlantic Pumps



Rhames



GAP Group



CSO Group



Innomotics

Upcoming Conferences

The Pump Centre host a range of events and mini conferences throughout the year that foster collaboration, learning and innovation.

The next mini conference is in partnership with Environment Agency, and will take place on the 5th November at Holiday Inn, Runcorn.

Join us at our upcoming conferences to expand your professional network, gain fresh perspectives, and stay at the forefront of innovation in the water industry:



5th November 2024
Holiday Inn, Runcorn



27th November 2024
Kingsgate Conference Centre, Peterborough



11th December 2024
Holiday Inn, Runcorn

Keep an eye out for more member news in the next edition of our newsletter.

The opinions and interpretations expressed within this newsletter are those of the contributors/authors only and may not reflect those of other parties.

No representation or warranty expressed or implied is made as to the accuracy or completeness of the information contained in this newsletter and therefore the information should not be relied upon. The contents of this newsletter should not be construed as professional advice and Arcadis and the Pump Centre disclaim liability for any loss, howsoever caused, arising directly or indirectly from reliance on the information contained within this newsletter.