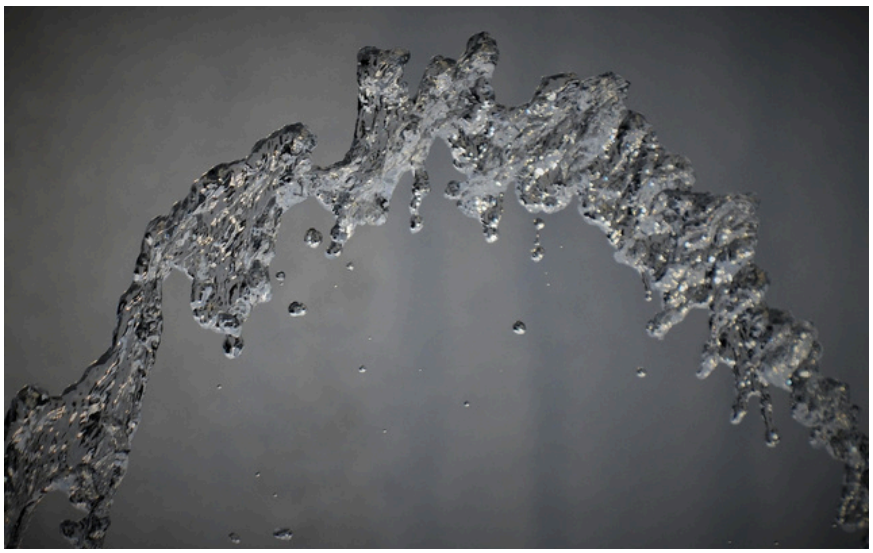
SoPHE Newsletter

Issue 9 | Autumn 2025

Pumping



Issue Theme

You will see throughout this issue the main theme is focused on pumping solutions, thank you to those who have contributed including:

- New Haden Pumps
- Grundfos Pumps
- Edincare Pumps



London Dinner

SoPHE is turning 21! Come and join your peers to celebrate at the annual SoPHE Dinner at the Royal Lancaster Hotel on the Xth September.
Dress to impress! Come down to eat, drink, chat and enjoy the band!



Welcome Graduates and Apprentices

The Society of Public Health Engineers is dedicated to supporting new graduates and apprentices as they embark on their careers.

Message from the Chair

Mike Carter
Arup

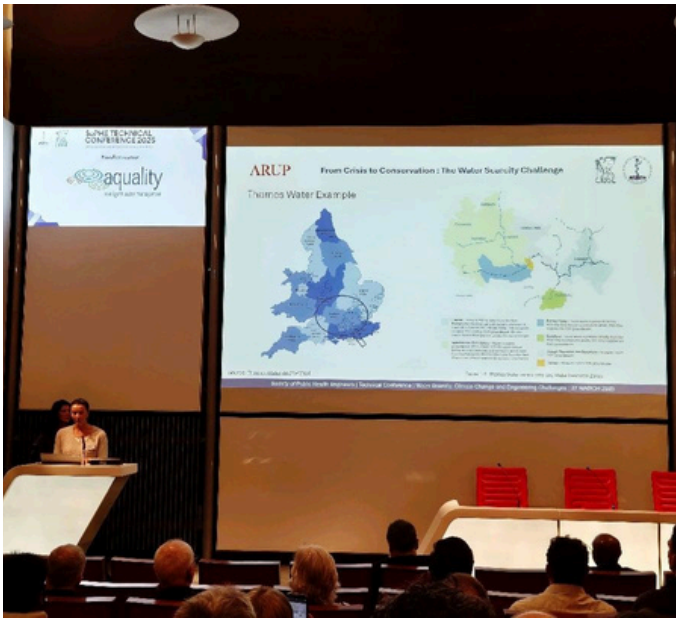


Welcome to the Autumn edition of the SoPHE newsletter. It is great to see how the popularity of our newsletter continues to grow. We now have a readership of over 10,000 which is fabulous and a real credit to all the team that pull the newsletter together, writing and publishing some great articles, which I hope you are all enjoying. This edition of the newsletter focusses on pumping solutions including CPD articles by Grundfos Pumps and Jungpumpen, as well as editorials by Newhaden Pumps and Edincare Pumps

Our Society continues to gain momentum with multiple events happening throughout the year. We've already had significant success in the spring of this year with our technical symposium covering the topic of 'water scarcity and water neutrality', as well as hosting our summer networking event in Central London. Both events were a great success.

We are now in the planning stage for our next technical symposium, which will focus on Building Safety, Smart Water and the Circular Future of Public Health Engineering. The intent is to explore how the Building Safety Act, the Circular Economy in PH systems, and Smart, Resilient Water Infrastructure are shaping our profession. We will be bringing together fresh insights and case studies, as well as debating how engineers can deliver safer, smarter, and more sustainable outcomes, so do look out for the symposium on Eventbrite in the coming months.

As a Society, we are continually looking to broaden our reach within the construction industry. We are now actively developing regional activity, in both Scotland and the Far East and looking for people to engage in those regions. If you have colleagues or acquaintances in those regions who have an interest in our Society, then please do ask them to get in touch.



Message from the Chair

In terms of events, over the next 3 months we have our Southwest region networking event in late September, then our London Dinner in November. This year is a significant landmark for our Society, as we will be celebrating our 21st Anniversary dinner. We will be hosting the dinner at the Royal Lancaster Hotel in London, and I am personally really looking forward to catching up with many friends and colleagues at the event. It is always a great way to close out the year for our Society. Given it is our 21st anniversary, we have a few surprises in store for the dinner. The dress code will be dress to impress (black tie, lounge suits, ball gowns…..). I'm sure it will be a fabulous night with some great memories for everyone. As last year, we are supporting the charity 'Village by Village' who provide valuable support to remote villages in Ghana.





As well as this being our 21st anniversary, this year marks an exciting new chapter for SoPHE. We will be launching our new brand, refreshing the impact our Society has on the built environment, reflecting our strength as a society together with our goals for innovation and in developing ideas for truly sustainable outcomes. The new brand will be launched as part of our 21st anniversary dinner.

THE SOCIETY OF PUBLIC HEALTH ENGINEERS

SOPHE ANNUAL LONDON DINNER

21st Anniversary

6 NOVEMBER 2025

CIBSE

Letter from the Editor

Amanda Stanley

Hoare Lea



It's been an interesting year with so much happening in the plumbing and public health sector. This is the time that we as engineers need to step up and make that difference.

From 'Water Scarcity' to training the next generation, we all had an import part to play.

Join STEM and encourage school leavers in the route of engineering!

STEM Learning

STEM LEARNING

Water scarcity is the next biggest topic and a growing concern for all and how we can tackle this from the water providers, suppliers to the individual.



Like 15 statutes we have 15 years at best if we do not act now. Don't pass a blind eye to a street leak to the WC continually flowing REPORT IT! We all have that part to play don't think that someone else will do it, then nothing will be done.

Become a STEM ambassator



Notes from the SoPHE IWG Chair

Paul Marsden
Grundfos



It appears to me, more than has previously been the case, that pressure on everyones working time seems to have increased. And so when there is an opportunity to pause and relax, even if only for a short while, it is to be welcomed.

One of the many benefits of SoPHE Membership are the social networking events we hold and two events have occurred recently.

In July some 70 people came together for our summer social event held at the roof top terrace of Introba, a great venue, and supported by 12 of our Industrial Associate manufacturers.

In September our South West region held a networking evening in Bristol. Building upon the success of last years inaugural event, 40 engineers were able to engage with the 17 manufacturers sponsoring the evening.
The beginning saw the guests meeting their local manufacturer representatives and learning more about their products by way of a speed networking session, followed by food, drink and a magician keeping everybody entertained.
Thank you to all those involved in organising the evening in particular David Sorisi and David Johnson.

The next significant networking event is being organised by SoPHE YEN. Their Graduate Networking evening is being held at Boulebar on 15th October. The timing chosen to enable this years Graduate and Apprentice intake to participate, in a relaxed setting, after what will have been a pretty full on month or so as they start their new jobs.

By the time of the next Newsletter we will have held our annual dinner, the 21st and with some changes being made this year to reflect the special occasion.

There are still some places available at the YEN event and also some tables at our annual dinner.

Work should be enjoyable as well as rewarding so I look forward to seeing you at one or more of our events.




Grundfos
Your reliable partner for a sustainable future
We pioneer solutions to the world's water and climate challenges and improve quality of life for people
GRUNDFOS
Possibility in every drop

What do you see in a drop of water?

Possibility in every drop

What do you see in a drop of water? For us, it's possibility. The possibility to take the lead in innovating newer, smarter methods to advance the flow of water and **reduce the use of energy**. Let's harness the possibilities together. Every day we go to work for water. With an optimistic, can-do spirit, on a mission to protect, respect and advance the flow of water. **By creating efficiency and saving energy**, Grundfos is leading the way for a more sustainable tomorrow. **Click to find out more**.

If Calsberg did...Zero Waste Water

"Not just a pump, intelligence in a pump"



Carlsberg brewery wants to **cut its water use by 50% by 2030**. The initiative, Zero Water Waste, is part of Carlsberg's Together Towards Zero program. In its production facility in Fredericia, Denmark, Carlsberg has developed a Total Water Management treatment plant with consultants, universities and technology providers like Grundfos. The onsite facility treats used process water from mainly cleaning purposes, purifies it to drinking water quality and sends it back to the brewery to be reused as process water.

The plant recovers and reuses 90% of its process water.

Click to read more

Proportional pressure saves energy



How to save energy and water by using proportional pressure in water boosting systems

Here at Grundfos we've put together a **comprehensive course** to give you a thorough insight into the significant savings that can be made by applying proportional pressure in water boosting systems. **Continue your professional development** and learn what energy and water savings can be made by operating a Grundfos Hydro MPC booster pump in proportional pressure mode.

Start Course

Download the Smart Pumps White Paper



Discover how e-pumps combine energy-efficient pumps, motors, drives and controls to enhance system performance.

Environmental Impact & EPDs

Grundfos is leading the way toward a net-zero future, with **science-based climate targets and a strong focus on innovation**.

To further strengthen this commitment, we are now initiating upstream transparency efforts, providing customers with deeper **end-to-end insights through Environmental Product Declarations (EPDs)** on selected products.

EPDs provide verified environmental information (validated by an independent 3rd party), enabling customers to make informed choices.

All **Grundfos published EPDs** can be found on the **IBU webpage** by filtering for manufacturer Grundfos.

THIRD-PARTY VERIFIED EPD ISO 14025 and EN 15804 Institut Bauen und Umwelt e.V.

SoPHE North Update

Malcolm Atherton
Water Consultants Ltd

Next year's Annual SoPHE Norther Dinner (14th) has been provisionally booked for Friday 8th May 2026, again at the Midland Hotel in Manchester. Further details will be provided as things progress.

F2F CPD's = at the time of writing this article, our last CPD held at the Rain Bar was on Wednesday 16th July 2025; it was provided by Barry Stubbs & Tony Hill from Aliaxis UK and the presentation was entitled "Active Drainage Ventilation". It was a great success, especially as we had a massive audience of 22 people attending!! Attendees were treated to a virtual tour of their drainage testing tower, which everyone enjoyed. Thanks to everyone who attended & I hope that you'll come to more of these events in the future. The next CPD is to take place on Wednesday 17th September 2025 (Steve Angel-Jones from Advantage Pumping Solutions), followed by Wednesday 19th November 2025 (Harrison Tuckwell from Brightwater Environmental Ltd). The next available slot for a CPD is July 2028.

It should be noted that Jack Brown & John Bothma are now "in charge" with regards to organising & running these CPD's so if you should have any questions regarding CPD events in the North, please speak to either or both of them - or me if you can't get hold of them!!

IHEEM Healthcare Exhibition 2025 = this is to take place on Tuesday 21st & Wednesday 22nd October 2025. Once again, I've managed to secure a Stand for the benefit of SoPHE; CIBSE Healthcare Specialist Group will be in attendance, as well as CIBSE NW & SLL. Amanda Stanley has kindly agreed to do a presentation at one of the "Theatres" within the Exhibition area; this is to fulfil our agreement with the WMSoc. As SoPHE does not pay for the Stand space, it is only right that we should do this in return; SoPHE is also committed in promoting this event when & wherever possible. Also, if you envisage being in Manchester on either of those days, I'd be grateful if you could volunteer a couple of hours of your time to help man the Stand!

SoPHE Technical Trip, Autumn 2025 = Xylem Water Solutions UK Ltd have kindly agreed to sponsoring this trip to their production factory in Italy between Thursday 2nd & Saturday 4th October 2025; 18 engineers are due to participant in this. Final preparations are currently being made & I hope to report on how we got on in the next Newsletter!

If there's any SoPHE Industrial Associate members reading this, who may consider providing a Technical Trip in years to come then please get in touch with me to discuss further. NOTE – up here in the North, we consider anything "International" as being south of Watford Gap!!!!!!!

SoPHE Northern presentations to PCE Colleges and various other Universities & Colleges across the UK = I continue to provide this "service" to the various PCE colleges in London on the subject matter of Public Health Engineering. I also provide PH presentations to other Universities & Colleges across the rest of the UK (e.g. Leeds Beckett Uni, Liverpool John Moores Uni, UCLAN Preston, Coventry Uni) as well as promoting SoPHE at Careers Fairs (e.g. Leeds College of Building

SoPHE YEN member awarded the CIBSE Ken Dale Travel Bursary 2025

SoPHE YEN member Klaudia Rudzionek has been named joint winners of the 2025 Ken Dale Travel Bursary.

To honour his remarkable contributions to engineering and CIBSE, the Ken Dale Travel Bursary was established. This bursary supports early-career CIBSE members in exploring international engineering innovations, gaining invaluable experience, and contributing to the evolution of building services engineering.

Klaudia Rudzionek, Public Health Engineer at Arup, has been selected for her proposal From scarcity to sustainability: a global comparative study of building water reuse strategies.

Rudzionek's research will explore how building water reuse can help mitigate global water scarcity. For her research she plans to travel to Italy, South Africa, Hong Kong and Uzbekistan, to investigate technical and socio-political influences on



water-saving strategies in water-stressed regions, aiming to identify scalable solutions for sustainable and resilient building design

Read more here

CIBSE CPD Requirements

Continuing Professional Development (CPD) is an essential part of maintaining your professional competence and membership. Have you recorded your CPD activities this year?

All CIBSE Licentiate, Associate, Member and Fellows must complete at least one semi-structured CPD activity each year on sustainablity and building safety.

Read more here

CPD SUSTAINABILITY

CPD BUILDING SAFETY

Your organisation needs you

To all Industrial Associates,

If you are interested in contributing to the Newsletter you have various options:

- Banner advert £150.00: 3 prominent banner adverts within the Newsletter
- Advertorial £300.00: 1 page article where you can promote a product/solution or just talk about a topic
- CPD article £449.00: 2 page article with the option to create an online CPD

All of these options represent great value as you will be targeting a readership of over 10,000 subscribed professionals interested in Public Health.

West Midlands Update

Malcolm Atherton

Water Consultants Ltd

F2F CPD's = at the time of writing this article, the last CPD took place on Wednesday 30th July 2025 & was provided by Adrian Lee from Kemper and was entitled "Legionella Prevention within the Domestic Cold Water Services"; 6 people attended which is very disappointing considering that a total of 19 people expressed an interest (!!), so a big "thank you" to those that attended!



It's very important that, if we wish to continue to do these CPD's in-person, then it's vital that people – when they receive the invite – to respond in the "positive" & then to actually attend!! The next CPD is scheduled for 24th September 2025 (Steve Angel-Jones from Advantage Pumping Solutions), followed by Wednesday 26th November 2025 (Julian Diprose from Stormsaver Ltd). The next available slot for a CPD is July 2027.

Regional representative = as everyone knows, I'm representing the Region on a temporary basis; I'm pleased to announce that – as from September 2025 – Jim Buckley who works for CPW in Birmingham, has agreed to take on this role. I'll "shadow" him for a while to make sure that everything goes smoothly in the transfer & I'll be available should he have any queries.

More Than Pumps. We Engineer Peace of Mind.

In an industry driven by deadlines, cost pressures and regulatory red tape, **New Haden Pumps (NHP)** has quietly built a different kind of reputation - one based on longevity, precision, and partnership. For over six decades, NHP has done more than supply pumping systems - we've solved problems before they happen, engineered trust into every project, and set a standard others measure against.

We're not just a name on a specification. We're the people customers call when it has to be right the first time.

Not Just Built to Spec - Built to Last

Our expertise covers the full project lifecycle: **technical assistance with the design, manufacture, supply, installation, commissioning, and ongoing support.** From high-end residential to rail infrastructure, healthcare, commercial and heavy industry, NHP delivers pumping systems that perform - and endure.

We support a wide range of applications, including:

- GRP Package Pumping Stations
- Concrete Chamber Fit-Outs
- Adoptable Pumping Stations (SFA/DCG compliant)
- Building Services Systems (Drainage & Booster Sets)
- Custom Engineered Packages
- Full Mechanical Installations, Call-Outs & Maintenance

Where others stop at supply, NHP continues - offering true aftercare and technical guidance that has clients returning time and again.

Why Engineers Trust Us

We know that every project is unique - and so are the pressures that come with it. That's why we work closely with **consultants who specify our products, contractors who install them,** and e**nd users who rely on them** - adapting to unique requirements with precision and flexibility.

NEW HADEN PUMPS LTD.

What sets NHP apart? In a nutshell: *Where Others Supply. We Solve.*

- **German-engineered pumps,** rigorously tested
- **In-house GRP manufacture** and pre-fabrication with complete internal pipework
- **Directly employed engineers** for accountability from start to finish
- **Detailed & Project Specific M&E drawings, O&Ms, 3D CAD, and BIM models** for clarity and compliance
- **Metal pipework as standard,** not plastic - because longevity matters
- **In-house Test Bed Facility** – we don't expect you to take our word for it, we'll prove it
- **Privately owned** and proudly agile - we don't wait for shareholder sign-off to take action

The NHP Difference

We don't offer the cheapest systems. We offer **the best value** - because our work is **designed for decades, not defects.**

In a world of box-ticking and bottom lines, we still believe in craftsmanship, commitment, and getting it right the first time.

Anyone can sell you a pumping system. We build confidence - and back it for life...and we have the certification to prove it too.
https://www.nhpumps.com

Certified ISO 9001:2015 Company
Smas Worksafe Registered SSIP Core Criteria
SafeContractor Approved
Constructionline Gold Member
The Society of Public Health Engineers
Citation ISO Certification Environmental management ISO 14001: 2015 Registered
Certificate No 383542022

CIBSE releases updated Inclusivity Guidelines for Members, Volunteers and Staff

CIBSE has recently published its updated Inclusivity Guidelines for CIBSE Members, Volunteers and Staff, reinforcing its commitment to fostering an inclusive and supportive environment across the Institution and the wider building services community.

Originally developed in 2019 under the leadership of then-President Lynne Jack, the first edition was produced by the CIBSE Inclusivity Panel. The newly released 2025 edition has been reviewed and updated by the Equity, Diversity and Inclusion (EDI) Committee, a standing committee to the CIBSE Board, in collaboration with its four panels:

- Women in Building Services Engineering
- Minority Ethnic Groups
- LGBTQI+
- Neurodiversity

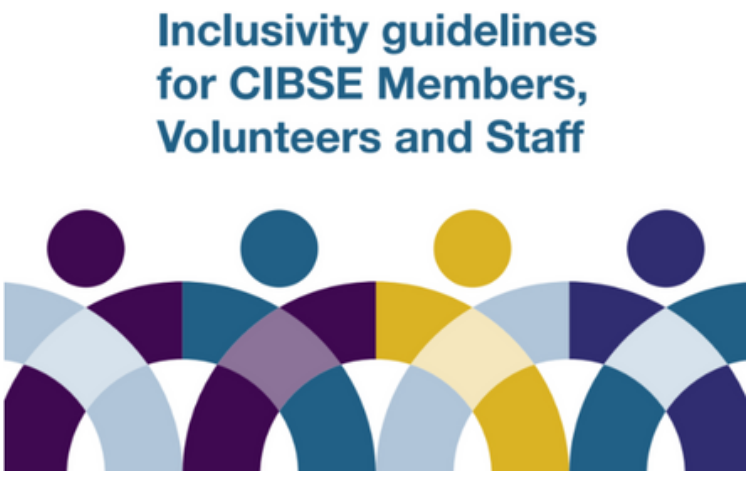
More than 60 dedicated volunteers contributed to this work, bringing a wide range of perspectives and experiences to ensure the guidelines reflect the evolving needs of the CIBSE community.

The core principles of the guidelines remain consistent with the original, offering practical suggestions for members, volunteers and staff to help create a more inclusive culture. These principles are not only relevant within CIBSE roles but are also intended to be useful in members' day-to-day professional lives.

Key Updates

- Refreshed examples of good practice, reflecting changes in thinking and inclusive behaviours since 2019
- Expanded further reading, acknowledging the international nature of the CIBSE membership
- Removal of the 'what to avoid' section, focusing instead on positive, constructive action

CIBSE thanks everyone who contributed to this update for their time and insights. To provide feedback, or to learn more about how to get involved in the EDI panels, please email: inclusivity@cibse.org





Meet the CIPHE Chair

Jason Clark the current President of the Chartered Institute of Plumbing and Heating Engineering (CIPHE) talks about his aspirations for the future of the industry and the importance of collaboration.

It is no secret that the plumbing and heating industry is facing a monumental skills shortage and is at a tipping point, and so my focus for my year as President will be training and apprenticeships, which will include unrepresented groups. I shall further continue my work and chairing the CIPHE Plumbing Employers Trailblazer Group (PETG) to reshape UK plumbing apprenticeship. I would also like to bring more awareness of the work that the CIPHE and Worshipful Company of Plumbers (WCoP) collaborate on, such as Water Aid and the Plumbers Museum at Amberley. Both organisations work together to support young learners and apprentices via their Plumbing Professional Development Scheme (PPDS) which mentors' apprentices and newly qualified plumbers.

The CIPHE plays a critical role in the development of the UK Plumbing and Heating industry. Apprenticeships, CPD training, promoting standards, campaigning for better water quality and much more. Now with its current involvement working with Skills England (formerly known as IFATE) to reshape the UK Plumbing apprenticeship, and its recent collaboration with City & Guilds, the gold standard in accessible meaningful vocational qualifications, it's possibly the most important role it has played to date.

I also provide social impact and leadership to communities via my company PEW (www.pew.ltd) and it's Corporate and Social Responsibility Program, I deliver inspirational talks to students from



disadvantaged backgrounds and those with special educational needs. Building on this I also work in collaboration with the founder, Tier Blundell, of 'Excluded from School' (www.excludedfromschool.com) the project provides inspiration and help to find solutions to enable an unrepresented group of children to access education via apprenticeship and other routes. This is a cause that is very important to me, because I experienced disruption during my childhood and an apprenticeship was my way of escaping my environment and back into education.

After recently meeting with Amanda Stanley, we had a very positive conversation on, not only the skills shortage in our industry, but the importance of collaboration with fellow industry professionals and organisations to push the agenda.

If you or your organisation would like to support or collaborate with the CIPHE or WCoP please contact me by emailing jason@pewelectrical.com or you can find me on LinkedIn

CIBSE Updates

CIBSE Certification launches ECV register

CIBSE Certification has announced the launch of the **Embodied Carbon Verification (ECV) Register**, providing a trusted and independently verified source of embodied carbon data for MEP and public health products. Each product listed on the register has been assessed in accordance with the CIBSE TM65 methodology and verified through the ECV scheme, ensuring transparency and consistency in embodied carbon reporting.
The ECV Register offers engineers, consultants, and designers' reliable data to support decision making and the specification of low-carbon building services solutions. This initiative represents an important step forward in promoting sustainability within the building services sector and supports SoPHE members in reducing the environmental impact of public health engineering design.



Domestic Building Services Panel (DBSP) migration

CIBSE is pleased to announce that the Domestic Building Services Panel (DBSP) has now formally migrated into CIBSE, becoming the **CIBSE Domestic Building Services Panel (CIBSE DBSP)**. This important step creates a dedicated resource within CIBSE, funded by DBSP, to support the domestic sector with authoritative guidance, best practice, and technical expertise.

DBSP, known as the "association of associations", brings together more than 12 member organisations representing the mechanical, regulatory and training sectors. With significant influence across the UK, DBSP plays a vital role in shaping political, standardisation, and commercial policy, while providing trusted design, technical and good practice guidance for heating engineers.

The panel is dedicated to advancing best practice in the survey, design, installation, commissioning, operation and maintenance of domestic building services. Its work underpins the safe, efficient and reliable provision of comfort in homes, through the services and systems that support energy supply and use.
By becoming part of CIBSE, the panel will continue to develop and maintain impartial guidance on domestic building services systems – from space heating and hot water to integration with wider energy systems. This guidance is designed to support specifiers and technicians involved the design and installation of heating systems in domestic and light commercial buildings.

READ MORE

Building the pipeline

Sam Burgess

SDS Ltd (Education Lead for SoPHE IWG)

How SoPHE's Industrial Working Group is Supporting the Next Generation of Engineers.

The SoPHE Industrial Working Group (IWG) has had a transformative year working alongside the Plumbing Centre of Excellence (PCE) and the Young Engineers Network (YEN) – delivering on our shared mission to inspire and upskill the next generation of plumbers and public health engineers.

This year, our collaboration with the PCE – a pioneering partnership between SoPHE and a growing number of FE colleges – has flourished. Through the support of the IWG, we've delivered a full CPD programme to college students, providing hands-on technical learning and real-world insights directly from leading manufacturers and industry experts. These sessions have helped bridge the gap between classroom learning and professional practice, ensuring students are better prepared for careers in the built environment.

The IWG was also proud to support the Plumbing Centre of Excellence competition again this year, where college students competed in plumbing design and installation challenges, judged by representatives from both SoPHE and the IWG. The competition not only showcased the talent within our colleges but also provided a vital platform for students to gain recognition and confidence in their skills.

As always, another highlight of the year was the continued development and success of the SoPHE YEN competition – a unique and



powerful initiative that pairs college students with early-career engineers to solve real-world challenges in a fast paced, one-day event. With bursaries available for the winning students and an extraordinary opportunity this year for YEN winners to travel to Africa and work with SoPHE's chosen charity, Village by Village, the competition has become a cornerstone of SoPHE's outreach and social value work. Sanjay Modasia (IWG Contractors Group Chair), who plays a crucial role in the organisation of the education activities and competitions commented, "It's fantastic to see our YEN Engineers actively engaging with college learners—not only academically but also through practical experience. Building this bridge early on between future consultants and installers not only strengthens their skills but also fosters collaboration and a deeper understanding of our industry". Sanjay Modasia of JA Brooks Mechanical Services LTD, who holds both SoPHE Vice Chair and SoPHE Contractors Group Chair roles commented, 'It's fantastic to see our YEN Engineers actively engaging with college learners—not only academically but also through practical experience. Building this bridge early on between future consultants and installers not only strengthens their skills but also fosters collaboration and a deeper understanding of our industry'.

Looking ahead, the IWG is committed to growing this programme even further in 2026. Plans are already underway to expand the CPD offering to include sessions tailored specifically for college lecturers, ensuring they're empowered with the latest knowledge and innovations in public health engineering. We also aim to welcome more colleges into the Plumbing Centre of Excellence, reaching even more future engineers.

We firmly believe that supporting education and early talent is not just the right thing to do – it's critical to the future resilience and diversity of our industry. The IWG would like to thank all members, manufacturers, volunteers, and colleges



who have contributed to this year's successes. Together, we're laying the foundations for a stronger, more inclusive profession.

To find out more or get involved, follow SoPHE on LinkedIn or visit the CIBSE Journal online for more coverage of our work.

New CIBSE President Announced

CIBSE are pleased to announce the appointment of Vince Arnold BA (Hons), CEng FCIBSE MIET MWMSoc as its President for 2025–2026, officially confirmed during the Institution's AGM on 10 June 2025.

Vince takes over the presidency from Fiona Cousins, having over four decades of experience in Building Services Engineering, a deep commitment to professional development and a long-standing history of service as a CIBSE volunteer and the wider engineering community.



Read more here



Vince pictured supporting the SoPHE PCE Learners Competition

Events

Flagship

21st SoPHE Dinner
6th November 2025
Royal Lancaster
Dress to Impress!

South East

Efficient & Hygienic Potable Water Systems
8th October 2025
Steve Clarke & Seb Bowden, Oventrop

Best Practices For Designing Commercial Hot Water Systems Using Heat Pumps
5th November 2025
Vince Ng, Adveco

YEN

Polypipe Building Services Training Event
25th September 2025
Hythe

Autumn Networking Event
15th October 2025
Boule Bar, Spitalfields

South West

Annual Networking Event
18th September 2025
Ritorno Lounge, Bristol

West Midlands

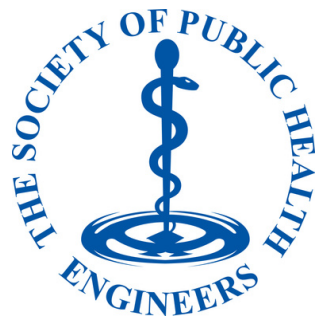
Minimising embodied carbon and aligning with the circular economy
24th September 2025
Cundall, Birmingham
Matt Lightbody, PAM Building UK

Northwest

Something Educational
22nd September 2025
Rain bar, Manchester

UAE

Cast Iron Siphonic Rainwater Systems Principles & Applications
25th September 2025
Citymax Hotel Business Bay, Dubai
PAM Building







MagnaPro™ Bespoke

Packaged pumping stations tailored for your project

- Suitable for all wastewater types
- Available from stock
- 40 chamber sizes up to 2.4m diameter by 4m deep
- Wide selection of pumps, options and accessories
- Unrivalled quality
- Free no-obligation site surveys
- Full project management from tender to handover
- Comprehensive ongoing support



CONNECTION

- Easy to install
- Cable duct, vent duct, inlets and outlets
- Single or dual outlets can be positioned to your requirements (subject to chamber diameter)



CLEAR OPENING

There are a variety of clear opening sizes for pump and man riding access (subject to chamber diameter).



PIPEWORK

- High pressure PVC, galvanised steel or ductile iron
- Nine diameters from 32mm to DN150



LIFTING

Lifting eyes are incorporated within the top of the chambers for assisting with off-loading and positioning.



BENCHING

- Benching in accordance with design standards
- Directs waste water towards the pump/s preventing dead zones
- No flatter than 60°



CONTROLS

- Control panels
- High level alarms
- Integration with BSM
- Telemetric options for remote monitoring



BASE

- The pedestal/s is assembled onto a base plate before being sited into the bottom of the chamber
- Unique chamber base construction provides strength and versatility
- Integral feet providing stability



TANK CONSTRUCTION

- Tank grade polyethylene
- Single piece construction
- Strengthening ribs provide reinforcement and anchoring



PUMPS

A wide range of pumps and configurations to suit every application. Selection by impellor type, duty, power and number of pumps.

Call 01442 211554 to discuss your project's requirements

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