

SoPHE NEWSLETTER

2025

VOLUME 08



SoPHE Plumbing Centre of Excellence

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**Supporting the
next generation
of engineers.**

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Did you know: existing CIBSE members can add SoPHE Affiliate membership for just £10!
Email sophe@cibse.org to find out more

AN UPDATE FROM THE SOPHE CHAIR

Mike Carter

Welcome to the SoPHE Newsletter. We've had a very busy period over the last few months with the SoPHE AGM in early April which closely followed our annual technical symposium at the end of March.

I am pleased to advise that the majority of the society's leadership roles have been renewed for the year and I would like to thank everyone for their continued support with our society. We could not function without all the generous support provided. We do however have a vacancies for our SoPHE Education chair and SoPHE West Midlands and SoPHE Scotland areas so if you are interested then please contact sophe@cibse.org.

The technical symposium was a fabulous event, held at the Institute of Mechanical Engineers. The symposium focused on water scarcity and water neutrality, with all presentations providing excellent guidance on how to navigate through the challenges we now face with the climate crisis and its impact on water.

The first session focused on the regulatory framework, standards and compliance measures that shape water usage and conservation practices in the UK. The aim of the session being to understand the UK's emerging water scarcity issues, examine the regulatory frameworks and compliance measures guiding water usage, and explore strategies that enable effective resource management and water neutrality.

Session two focused on best practices, outlining design principles and key considerations for integrating green infrastructure, with the aim of how to address climate change adaptation and enhance flood mitigation measures. The session identified the impacts of climate change on urban flooding and advised on the principles and integration of SUDS and went on to define how to ensure best practice to enhance flood resilience, water quality, and ecological health in UK urban environments.

Session three considered wastewater treatment technologies, innovative design principles, and effective strategies to ensure water security. The session explored advanced wastewater treatment and reuse technologies, examining design principles and resource recovery approaches, and gave an insight into practical sustainable was solutions to support water security and environmental stewardship.

The final session of the day identified cutting-edge solutions, technologies, and strategies that drive efficiency and smart water management and investigated digital tools and innovative technologies that are now shaping the future of the water industry. This session went on to identify how smart water management improves efficiency and sustainability.

The symposium saw over 110 attendees with some great feedback during the networking after the event. My thanks go to all the presenters and supporters who helped to make the symposium an excellent event.

I hope everyone has a great summer and please do look out for our society's events throughout the remainder of the year.

Best Wishes,
Mike Carter
Arup
SoPHE Chair



INTERNATIONAL WOMEN'S DAY

March saw the celebration for International Women's Day 8th March 2025 and World Plumbing Day 11th March 2025.

A truly global campaign, International Women's Day successfully champions diversity in the workplace. By encouraging both management and employees to understand and accept that diversity in the workplace brings many benefits, with each individual offering their own unique expertise and experience.

It's a far cry from when I started in this career, as a lone female at college or followed by wolf whistles walking on site. I have been very lucky in my career in having very supportive colleagues and peers from my junior days in the manufacturing to consultancy.

We live in a changing world with the growth in understanding, and with it comes a need to tackle the ideal solutions, from carbon emissions, diversity, equality, sustainability to water scarcity being my favourite topic. Including the approach between each other.

We are all being challenged daily and now able to pull upon a diverse workforce and resource to centrally solve problems. It is, an achievement of this modern world and a joy to see it coming during my working life.

Seeing an upturn with more women in engineering from the handful to an average of more than 20 to 25% in the general office, is a great achievement and we still have a need to promote our efforts to achieve equality. Each



year, I am happy to see more ladies join us at the SoPHE events.

This is real progress and I'm proud to see everyone pull together proving that there is strength in diversity.

This year's campaign theme for 2025 is 'Accelerate Action' for equality and emphasizes the importance of taking swift and decisive steps in both personal and professional spheres. It calls for increased momentum and urgency in addressing the systemic barriers and biases that we face. 'We are strong', each of us can support and be supportive by working together.

Refer to the link below that offers a greater insight into International Women's Day
<https://www.internationalwomensday.com/Theme>

Amanda Stanley
FCIPHE MSoPHE,
Senior Public Health Design Engineer,
Introba UK

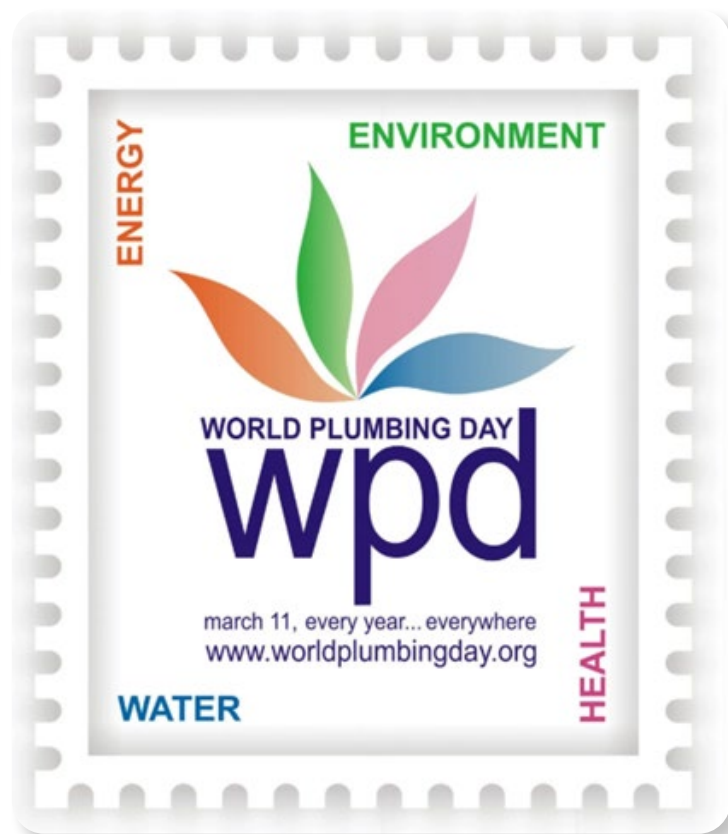
WORLD PLUMBING DAY – WEAR BLUE TO CELEBRATE

A few days later on 11th March, the World Plumbing Council champions all plumbing professionals and the essential work we do with World Plumbing Day. Celebrating all our work from ensuring the supply of fresh consumption cold water and the extraction of all black and grey wastewater, whilst recognising a recent shift in emphasis on sustainability and economics.

Now our newer challenges are primarily water conservation and the stresses on the water supply network.

Developing competent engineers and operatives have never been so important.

Amanda Stanley
FCIPHE FSoPHE,
Senior Public Health Design Engineer,
Introba UK



Plumbing improves the world



SUPPLY

Over 1 billion people gained access to piped water supplies between 2000 and 2015



SANITATION

The global population of people who used safely managed sanitation services increased from 28% in 2000 to 39% in 2015



SANITATION

Between 2000 and 2015 the number of people defecating in the open declined from 1229 to 892 million, an average of 22 million people per year



DUAL FLUSH

The dual system toilet flush, created in a small town in South Australia in 1980, now uses as little as 4.5 litres of water



EFFICIENCY

A 4-minute shower can now use as little as 24 litres of water

SOPHE TECHNICAL CONFERENCE

JASSIM DAUREAWO

The SoPHE Technical Conference 2025 brought together over 110 attendees—spanning academics, consultants, contractors, manufacturers, and policy makers—to address the urgent and evolving challenges of water scarcity, sustainability, and smart water management. Through a carefully curated programme, four interconnected sessions guided delegates across the full water cycle, from global challenges to practical solutions.

Session 1: “From Crisis to Conservation: The Water Scarcity Challenge”

The conference opened with a powerful keynote led by ARUP, framing the pressing challenge of water scarcity in the UK. Presenters highlighted regulatory drivers, industry responses, and the growing responsibility of public health engineers to lead on water stewardship and resilience planning. Widely praised for its clarity and strategic insight, this session set the tone for a day of deep technical discussion.

Session 2: “Climate Resilient: Strategies for Stormwater Management and Sustainable Drainage Systems (SUDS)”

Session 2 explored the growing challenges of stormwater management driven by climate change and urbanisation. Speakers emphasised the importance of SuDS to replicate natural drainage, improve water quality, and enhance biodiversity. Case studies demonstrated how smart SuDS designs can balance development needs with flood resilience, particularly in sensitive locations. The session also addressed performance gaps in existing systems and stressed the need for robust post-installation monitoring. A structured framework was proposed to guide better SuDS outcomes. The session concluded by advocating for smarter, integrated solutions to future-proof developments and support sustainable, climate-adaptive urban growth.

Session 3: “Sustainable Strategies for Wastewater Design”

Turning to non-potable water strategies, presenters from Aquality and Jets introduced innovative rainwater and greywater solutions for commercial buildings. Delegates engaged with design, hygiene, and integration considerations. The session reaffirmed that water reuse is not only viable, but increasingly essential to reduce reliance on mains supply and enhance water efficiency.



Session 4: “Leading the Way: Smart and Sustainable Water Solutions”

The final session showcased advanced approaches to smart water management. Grundfos presented intelligent pump control systems, SDS introduced IntelliStorm® for real-world SuDS and reuse applications, and the AI Water Reuse Project unveiled AI-driven platforms for predictive maintenance and optimisation. Together, they demonstrated how connected, data-driven solutions are transforming water management into a predictive, adaptive and sustainable discipline.

Conference Reflection

Interactive engagement through Mentimeter and vibrant cross-sector dialogue highlighted the collaborative spirit of the conference. Delegates left with a shared sense of responsibility and optimism, ready to embrace innovation and lead in delivering resilient, sustainable, and intelligent water solutions across the built environment.

UPCOMING EVENTS

Save these dates

	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER
London & South East	11th June Lee Cousins Aquality Office	2nd July Vince Ng Adveco Hoare Lea Best Practices For Electric Based Commercial Hot Water Systems		3rd September Amanda Stanley How to present Introba	8th October Seb Bowden Oventrop CIBSE
South West					
West Midlands		30th July Legionella Prevention with the Domestic Cold Water Services Adrian Lee (Kempner) Email Malcolm directly on m.atherton@water-c.co.uk if you wish to attend		24 September Pumping Station overview Steve Angel-Jones (Advantage Pumping Solutions) Cundall Birmingham	
North West		16th July Active Drainage Ventilation Barry Stubbs & Tony Hill (Aliaxis) Rain Bar		17 September Pumping Station Overview Steve Angel-Jones Email Malcolm directly on m.atherton@water-c.co.uk if you wish to attend	
UAE			29th August Drainage System Blutcher Location: TBC		30th October High Rise Drainage System Geberit Location: TBC
YEN	20th June PCE Joint competition				
Special Events		17th July Social Introba			21 & 22 October IHEEM Healthcare Exhibition & Conference VENUE: Manchester Central Conference Centre

SoPHE YEN/PCE Annual Plumbing Competition 2025

 20 June 2025

 8:30 - 15:00 BST

 South Bank College



THE SoPHE COMMITTEE



Paul Marsden
Chair
Grundfos Pumps LTD



Cheryl Louis-Taylor
Vice Chair
Grundfos Pumps LTD



John Wilson
Hon Secretary
Teekay Couplings



Stephen Royle
Hon Treasurer
EVDS



Sanjay Modasia
Contractors Chair
JA Brooks Mechanical
Services



Matt Watson
Communications
PAM Building



Sam Burgess
Education
SDS



Phil Henry
YEN
Polypipe



Stuart Birkett
London
Horne Engineering



Wayne Willmott
North West
Alumasc



Lutz Johnen
West Midlands
Aquality



Kris Wojcik
Membership
Jets



Adam Smith
UAE
Polypipe



Gary Zumeris
Unspecified
Blucher



Ki Beard
Unspecified
Hargreaves Foundry



Events
Mike Darvill
CHWS



David Johnson
South West
Pump Technology



THE SoPHE COMMITTEE



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JA Brooks Mechanical
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Jack Brown
North West Support
WSP



John Bothma
North West Support
Hoare Lea



Vacant
SoPHE West Midlands



Vacant
SoPHE Education



Vacant
SoPHE Scotland



Amanda Stanley
Communications Chair
Introba



Charlie Hill
SoPHE YEN Chair
chapmanbdsp



**THE DIFFERENT FUTURES
THAT LIE AHEAD:**

The Carbon Challenge in
Construction



IMAGINE TWO FUTURES

One where buildings are designed with sustainability at their core. Where materials are chosen not just for their performance but for their impact on the planet. Where every system, every pipe, and every fitting plays a role in reducing carbon.

Now picture the alternative. A world where we continue business as usual. Where the hidden carbon in construction materials goes unchecked, and where the industry's slow response to change locks us into a high-carbon future.

The difference between these futures is the decisions we make today.



THE HIDDEN CARBON CRISIS

For years, the focus in construction has been on improving operational efficiency with better insulation, smarter heating, and energy-saving technologies. And while that's important, it's only half the story.

The real challenge?

Embodied carbon.

The emissions locked into the materials we use and the systems we install. From the pipes in a hospital to the drainage in a high-rise, every component matters.

With net-zero targets looming, the spotlight is shifting.

Developers, specifiers and contractors are being asked tough questions:

- What's the total carbon impact of this building?
- How sustainable are the materials being used?
- What are the long-term environmental impacts?

The time for action is now.



A SMARTER WAY FORWARD

The good news? Solutions exist.

By rethinking materials, embracing **lifecycle thinking**, and leveraging tools like **Environmental Product Declarations (EPDs)**, we can drastically cut embodied carbon. Even traditional materials like cast iron are proving their worth in a low-carbon future.

But knowledge is power. And the first step to making better choices is **understanding the options available**.

2. GET YOUR CERTIFICATE

& take the first step towards a lower-carbon future!



1. CLICK HERE TO WATCH THE VIDEO & COMPLETE YOUR CPD TODAY

To receive your certificate, please answer a few short knowledge questions using the link on the left!

OUR FUTURE STARTS HERE

The industry is changing fast.
The question is – will you be ahead of the curve?

Register yourself or your team for one of our **Sustainability CPD sessions and explore:**

Why Embodied Carbon Matters –

The hidden impact of materials

Reducing Embodied Carbon –

Practical strategies for change

Lifecycle Thinking –

Designing with the future in mind

Environmental Product Declarations –

Making informed decisions

Sustainable Innovations in Cast Iron –

Proven solutions for a net-zero world

Achieving Net Zero –

The roadmap to a greener future

The future of construction is being shaped right now.
Which path will you take?

Domestic Hot Water Production Efficiency: From Boiler to Heat Pumps

Olivier Boennec

Domestic hot water production was traditionally performed with gas boilers. Before the 1970s boilers were non-condensing with active systems protecting the cast iron combustion heat exchangers from the corroding effect of water condensates resulting from the chemical reaction of combustion between the hydrogen in the gas and the oxygen from the fresh air comburant.

From the late 1970s onwards, stainless steel boilers became available, whereby condensing this chemically generated water was encouraged. However, so-called boiler back-end hydraulic protection continued to be provided. In 2012, CIBSE Application Manual AM14 was published, updating the guidance on how to optimise boilers to ensure that the condensation of the products of combustion is maximised (see graph 1).

The first method is to lower heating temperature and separate the hot water production via a dedicated higher temperature boiler as per figure (a).

To reduce installed cost or provide diversity between boilers, figure (b) provides the ability of a set of boilers to heat the storage vessel at high temperature for a few hours per day, then operate at lower temperature for heating-only operation in a change-over strategy. It is most common in domestic and Small commercial applications, including with combi-boilers and system boilers.

For larger systems CIBSE recommends adopting boilers equipped with two return connections, one to a passive heat recovery heat exchanger able to recover energy from the colder flu gases. It uses very low return temperature from the heating return header - see figure (c). Graph 1 quantifies how the variable temperature can benefit greater condensing efficiency.

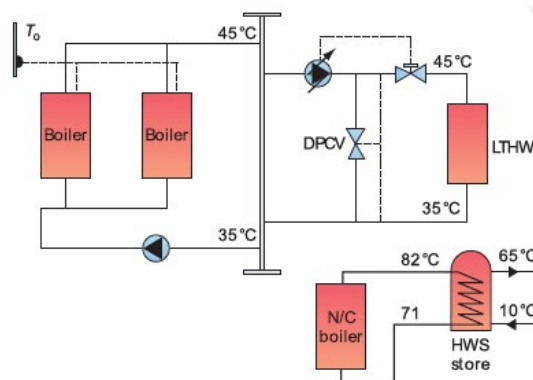
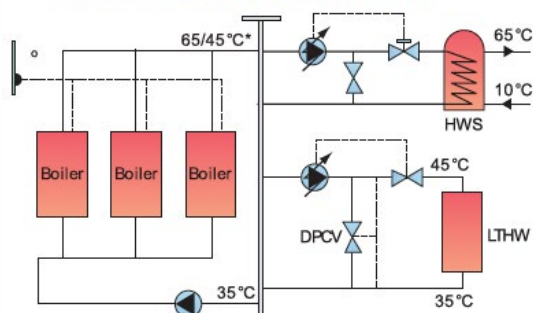


Fig. (a) Separate boiler for hot water production



* 65°C if HWS needed; 45°C if LTHW only

Fig. (b) Boiler arrangement intermittent high/low set temperature

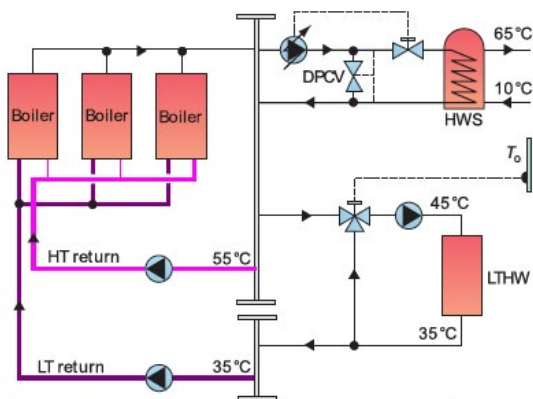
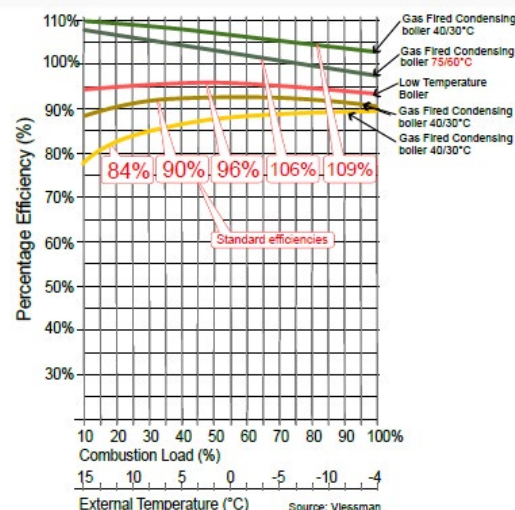


Fig. (c) Boiler arrangement with separate cold water return header



Graph 1: Condensing Efficiency At Part Loads

[Click here for full article](#)

Firstly I would like to welcome our newest Industrial Associate members, these are:

Sunamp Ltd
Diamond Controls Ltd
Albion Valves

You can find out more about them and what they are able to offer by clicking their logos.

To all our Industrial Associates, your membership offers many exclusive opportunities to engage with SoPHE and the SoPHE YEN by way of technical input such as technical articles and the presentation of CPDs, but also participation at the numerous social events the society holds throughout the year.

The theme for our next newsletter (Summer edition) will be on pumping from drainage to domestic water systems and for those Industrial Associates working within this area and who would like to contribute, please contact sophe@cibse.org.

And our London Dinner, being held on Thursday 6th November. This year's dinner is the 21st annual London dinner. A significant milestone, and to celebrate we will be including some additions to the evening's proceedings to mark this special occasion. Invitations to sponsor a table at the dinner will be sent in June, please keep an eye out for the e-mail.

We are always looking to improve the benefits of membership and last Autumn sent a survey to all Industrial Associate members asking for their thoughts. A number of you did respond, thank you. However we would welcome further engagement and so are to resend the survey, please look out for an e-mail, or you could complete it by clicking the following link.

The theme of this newsletter is sustainability. The sustainable use of water and a sustainable climate are, perhaps, two of the most important challenges facing the Public Health Engineer. These topics were



addressed at this year's Technical Conference, held in London in March - Water Scarcity, Climate Change and Engineering. A write up on the conference can be found elsewhere in this newsletter.

This direction of travel is not only impacting how buildings are designed, but also how products are designed and perhaps more importantly, manufactured. This represents both challenges and opportunities and makes for an exciting time for us, as manufacturers, to be involved as we continue the transition to a sustainable and low/zero carbon future.

For those Engineers reading this newsletter, in particular our younger engineers, I would encourage you to engage with our Industrial Associates. There is a wealth of experience and expertise they willingly make available and I have no doubt that doing so will help you better understand the relationship between the products, the applications and the systems you are designing, and so help you create a more sustainable Public Health environment.

Enjoy the read

Paul Marsden
Grundfos
IWG Chair

REDUCING WATER WASTE WITH SAFETY IN MIND

Lee Cartwright

Unified Water Label Association MD Lee Cartwright highlights why it's important to consider water safety when reducing water waste.

There is a wealth of advice available on how to reduce water waste and the Unified Water Label Association supports those organisations and companies that take the threat of water shortages seriously.

However, what many sometimes overlook is that reducing water waste cannot be viewed in isolation, as there are many factors to consider to ensure the measures introduced are not detrimental to health.

Water usage in both domestic and commercial situations cannot be treated as a stand-alone, water is part of a system, and in the UK, these systems can vary considerably.

It is not only that the UK has different water pressures to contend with but the systems that manage the flow and heating of water can be complex and, in some parts, outdated.


It is therefore important that any decisions consider a holistic view, ensuring products and systems are compatible.

Reducing water flows is not a simple solution as it's not just water flow but velocity that can impact the hygiene aspects of pipework. Water velocity is extremely important to keep pipe work clean and free from airborne pathogens, a fine balance is required to reduce water but maintain hygiene aspects. Reducing flows too much could increase the risk of waterborne disease such as Legionella.



Lee Cartwright
Unified Water Label Association MD

[Click here for full article](#)



SoPHE Plumbing Centre of Excellence: Supporting the Next Generation of Engineers

The Society of Public Health Engineers (SoPHE) Plumbing Centre of Excellence (PCE) continues to play a pivotal role in advancing plumbing education and bridging the gap between domestic and commercial installations. With the number of affiliated colleges growing year on year, the initiative is reaching more students than ever, providing them with industry-relevant skills and knowledge.

Growing Network of Colleges

SoPHE PCE now collaborates with nine colleges across the UK, delivering industry-led education to aspiring plumbing professionals. The current partner institutions are:

- Waltham Forest College
- College of North West London
- Paddington College
- Hammersmith and West London College
- Rainham NCC College
- South Bank College
- Herts College
- Croydon College
- Barking and Dagenham College

With this expanding reach, SoPHE PCE is ensuring that students at these institutions receive hands-on experience with the latest industry practices and technologies.

CPD Training and Industry Engagement

SoPHE's Industrial Working Group (IWG) plays a crucial role in enhancing students' learning experiences. Through a series of CPD training sessions, Industrial Associates deliver expertise and insights into key industry practices. Training topics include:

- Hard Solder/Brazing Welding
- Cast Iron Jointing Techniques
- Fusion Welding
- Press Fittings
- Macerator/Saniflow Systems
- Boosted Pumps
- Reliance Worldwide Corporation (Controls)

These training sessions ensure that students not only develop essential hand skills but also gain a deeper understanding of the technical and commercial aspects of public health engineering.

The Plumbing Skills Competition

The SoPHE PCE Plumbing Skills Competition is a significant initiative aimed at preparing students for real-world plumbing challenges. Developed in collaboration with SoPHE's IWG, this competition provides students with the opportunity to showcase their skills in:

- Plumbing problem-solving
- Hand skills and practical installations
- Fault finding and troubleshooting

Each college hosts its own segment of the competition, with judging panels composed of SoPHE IWG members, manufacturers, suppliers, and the previous year's Young Engineer of the Year. With the competition growing in prominence, plans are already in place for the 2025 edition, and SoPHE is looking for additional judges from the industry to participate.

The PCE/YEN Competition

The PCE/YEN competition takes the concept of skills development a step further by pairing SoPHE Young Engineers with college students they have never met before. Working together, these teams tackle a range of tasks provided and hosted by SoPHE IA members, focusing on similar themes to the Plumbing Skills Competition but including additional information and training from IA Members on different or new products than normal training may not cover.

Judging considers both the technical execution and teamwork displayed by each pair. The winners receive prestigious recognition at the SoPHE annual dinner, with the college student awarded a bursary prize and the Young Engineer crowned Young Engineer of the Year.

The 2024 winners were Lisa Paul from the College of North West London and Roma Prychidko from Hoare Lea. Plans are already underway for the 2025 competition, set to be hosted by South Bank College, and IWG members interested in providing a task are encouraged to get involved.

Looking Ahead

With continued industry support and an ever-growing network of partner colleges, SoPHE PCE remains committed to fostering the next generation of skilled plumbing professionals. By providing structured training, real-world competition experience, and career development opportunities, the initiative is shaping the future of the industry and helping young engineers transition seamlessly into commercial plumbing roles.

For more information or to get involved in upcoming competitions and CPD training sessions, please contact the SoPHE Education Sub-Committee:

- Sanjay Modasia (JA Brooks): sanjay.modasia@ja-brooks.co.uk
- Sam Burgess (SDS): sam.burgess@sdslimited.com
- Ki Beard (Hargreaves Foundry Drainage Ltd): kbeard@hargreavesfoundry.co.uk

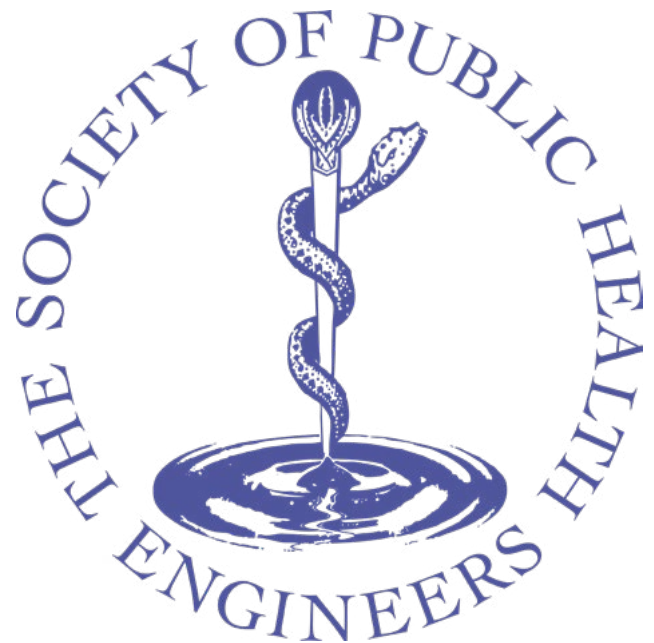
Sam Burgess (SDS)

SoPHE IWG Elected Committee Member for Education

The SoPHE Education Chair position is vacant. Join us to champion education in public health engineering and build on your professional development.

Following the inaugural SoPHE South West social event in 2024, the Industry Work Group (SW) met to start planning the event for early Autumn 2025. Building on the success of last year's event and opening the invitation to all engaged in, or interfacing with the professional plumbing and public health engineering sector in the South West. The aim will be to emulate last year's event and create an environment conducive to networking, where everyone has a good time and connects with the Plumbing and Public Health Engineering community.

This year's networking and social event will be held at Ritorno Lounge in central Bristol overlooking the river Avon on Thursday 18th September starting at 5.30pm. There will be entertainment and food and drink will be provided. SoPHE will be issuing an Eventbrite link where you will be able to register your attendance. We look forward to welcoming you at the upcoming event.



EVENT DETAILS

Ritorno Lounge

Unit 3, V-Shed, Canons Road, Bristol, BS1 5UH

0117 203 2236

Date: Thursday 18th September

Start: 5:30pm

SoPHE NORTHERN UPDATE

This year's Annual SoPHE Northern Dinner on the 9th of May 2025 was a huge success and was enjoyed by all sponsors and their guests. Thank you to all our supporting Industrial Associates

F2F CPD's = at the time of writing this article, our last CPD held at the Rain Bar was on Wednesday 15th January 2025; it was provided by Adrian Morris from Mikrofill & the presentation was entitled "Filling of commercial heating & chilled water systems". It was a great success, especially as we had a massive audience of 29 people attending!! 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 19th March 2025 (Scott Cain from ACO Building Drainage), followed by Wednesday 21st May 2025 (Akshay Lakhani from Hydrotec [UK] Ltd). The next available slot for a CPD is March 2028.

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 & I'm aware that the CIBSE Healthcare Specialist Group will wish to be in attendance as well. I've been asked by the Water Management Society (WMSoc) if SoPHE could provide a presentation at one of the presentation "Theatres"; if there is anyone who would wish to provide one, then please let me know. 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.

SoPHE Northern CPD's from July 2025 = in order to facilitate a "smooth" transition between myself & the engineers who will ultimately takeover the running of the Region when I finally stepdown (!!), both Jack Brown & John Bothma will be organising and running the CPD programme as from July 2025. Therefore, please contact them if you should wish to know further details about the CPD's for SoPHE Northern region as from July onwards.

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) as well as promoting SoPHE at Careers Fairs (e.g. Leeds College of Building). I have also made a connection with Trafford & Stockport College Group who have expressed an initial interest in providing a Plumbing Centre of Excellence here in the North West; it's "early days" yet & there's much work / discussions to take place before anything tangible can be agreed / announced.

SoPHE WEST MIDLANDS UPDATE

F2F CPD's = at the time of writing this article, the last CPD took place on Wednesday 29th January 2025 & was provided by Shaun Fowler from Alumasc Water Management Solutions Ltd and was entitled "Internal Rainwater Drainage"; 8 people attended which is a slight increase from the previous one! 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 26th March 2025 (Aidan Davey from ACO Building Drainage), followed by Wednesday 28th May 2025 (Aqeel Nazir from Aliaxis 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; if there is anyone reading this that would be interested in ultimately taking over the running of the Region then please get in touch with me & we can have a discussion on how this may happen.

Embodied Carbon Verification (ECV) with CIBSE Certification Ltd

In 2024, CIBSE Certification launched the Embodied Carbon Verification (ECV) based on CIBSE TM65 and expanded its UKAS accreditation to offer a comprehensive range of integrated management system certifications.

The ECV scheme certifies the TM65 methodology and tools that manufacturers of MEP products are using. With the focus on innovation and sustainability, CIBSE Certification is helping organisations advance their environmentally friendly practices within the built environment.

Read the full interview [here](#) with Pavlos Konstantinidis, Technical Manager, to learn more about our Embodied Carbon Verification (ECV) Scheme for manufacturers and MEP products.



SoPHE YEN: Polypipe Building Services Training Event



SoPHE YEN are pleased to invite you to their upcoming training event provided by Polypipe Building Services.

Polypipe Building Services manufacturing site in Aylesford Kent – come and see our commercial drainage and water supply systems through presentations, hands on practical sessions, tours of the site, plus bespoke training rig showcasing good and bad design and install for above ground drainage systems.

Speakers:

- Graham Hicks – Business overview and drainage systems update.
- Scott Clark – Water supply - MecFlow Fusion and MecFlow Press overview and product demo.
- Steve Bamforth – Drainage training rig demo.
- Grace Holbourn – Technical office support & overview.
- Nathan Burns + Nicholas Wright (civils team) Podiums - Green/Blue Roof overview and roof tour.
- Juan Ramiro – Factory tour
- Juan Ramiro + fabricating engineers - Practical hands-on HDPE welding sessions

Start – 8.45 arrive for 9am start

Finish – 2.00 to 2.30

Buffet lunch included.

(Transport from Ebbsfleet International to our site in Aylesford Kent can be provided for those travelling out of London) Car park on-site for those travelling direct.

Register on Eventbrite to book your place.

Please note that attending SoPHE events counts towards your CIBSE CPD requirements.

Just announced: new SoPHE Plumbing Competition Prize!

2025 is a significant milestone for SoPHE as it will see us celebrate our 21st annual London dinner this coming November. As part of our celebrations, we have partnered with the charity Village by Village to create a special prize for this year's SoPHE YEN competition, with the winner going out to Ghana to help local communities. Village by Village help to empower communities by providing education, clean water, and hope. They are a small charity making a big difference, one village at a time, working in remote rural villages living in poverty in Ghana, West Africa.



village by village