



Study Day Detailed Programme

Delivering Net Zero Carbon (NZC) is the biggest challenge we've ever faced, and if ever there was a time to pull together, share knowledge, experiences and network it must be now.

By learning from each other we can stand a chance of saving our planet and meeting NZC targets set by clients and government. So the focus of this event is very much about solutions and learning from actual projects.

We have a programme of leading speakers who will be:

- sharing with you what tools are available to help deliver NZC,
- presenting their practical experiences from actual projects
- discussing how you can improve the odds of achieving a success NZC outcome
- providing an insight into government priorities like 'Levelling Up' and delivering NZC schools.
- There will also be a Roundtable discussion as well as main stage and breakout sessions.

Established in April 2015 SPACES is a collaborative organisation for those working in and for the public sector and is committed to assisting its members in achieving the highest possible standards in the development, design, construction and management of the public sector estate for the mutual benefit of their employers.

We promote collaborative working, knowledge sharing, continuous improvement and best practice to support our members deliver best value, safe, sustainable low/zero carbon solutions for the public sector.



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9:00 President's opening address [Steve Rufus](#), President, SPACES

Steve Rufus is the Service Manager for Engineering Services, Dorset Council. Steve has years of experience in building services working for contractors, consultants and local authorities. For the past 20 years he has led the engineering team which is part of the multidisciplinary in-house construction consultancy team at Dorset Council (formally Dorset County Council).

9:15 Keynote: [Levelling Up, Net Zero and Essex: A National and Local Perspective](#). [Tom Walker](#), Executive Director Economy, Investment and Public Health, Essex County Council

Tom is the Executive Director of Economy, Investment and Public Health and is leading on both Devolution and Levelling up for Essex County Council. Tom was the Director of the Levelling Up Taskforce in the Department for Levelling Up, Housing and Communities responsible for writing the Levelling Up White Paper. Tom was a civil servant for over 23 years working on economic growth, regeneration, housing, planning and environment policy. He was previously Director of Environment Strategy at Defra (2019-21), Deputy Chief Executive at Homes England (2017-2019) and Director of the Cities and Local Growth Unit in BEIS and MHCLG (2014-2017).

10:00 Session 1: Breakouts/Workshops - choose from

[Passivhaus, a constructor's perspective](#) [Matthew Ramplin](#), Senior Contracts Manager, Barnes Construction.

Matthew is going to talk through the risks and pitfalls associated with achieving passivhaus on a scheme recently completed for Girton Town Charity in Cambridge. A contractor's perspective of the project risks associated with this form of construction, our management of these and what we discovered. This will appeal to architects considering specifying passivhaus standards, designers considering offering passivhaus solutions and contractors who have not yet experienced the joys of passivhaus construction.

Matthew Ramplin, a Member of the Chartered Institute Of Building and Senior Contracts Manager for Barnes Construction with 25 years of construction experience, 19 of those years with current employer. Over the last 5 years my focus has been on building our reputation and growth in the Cambridge market with particular focus on university college projects and sustainable construction. Moving forward as my role develops, I will provide a global view across the business for all our construction projects.

[Stourton Park & Ride – The first fully solar powered Park & Ride in the UK](#) [Nick Beckett](#), Associate Architect, NPS Leeds.

Nick's presentation will cover:

- Introduction to Norse Consulting, the project and my role
- Stourton Park and Ride Context, ambitions of the City, project objectives, consultation
- Design concept, consistent branding
- Engineering principles, shift to modular, sustainable design
- Finished product, awards won.
- Project statistics: Cost, programme, sustainable credentials

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Nick has worked in commercial industry for 17 years, where he qualified as an architect in 2008. His early career was primarily site based, producing technical information and specifications and worked in a variety of sectors including Student Accommodation, Education, Retail and Public Realm.

He joined NPS in 2012 working across a variety of projects. His specialism is in education, and delivers Education, Park & Ride and Community Hub programmes for Leeds City Council with his team.

Understanding the State of the Estate: Energy league tables and how to deliver low carbon retrofit. [Colin Jackson](#), Senior Design Manager and [Michael Chater](#), Senior Architect, Hampshire County Council.

Colin will begin the session by setting out the scale of the challenge to de-carbonise Hampshire's estate. A working group has developed an innovative on line tool which maps energy use to define the 'shape of the estate' from a carbon perspective. This allows pin point understanding of energy use and underpins the decarbonisation strategy by highlighting areas of priority.

Mike will present a case study which focuses on one such priority; SCOLA schools. The 'Towards Net Zero SCOLA' pilot is a demonstration project to ascertain whether a low carbon refurbishment can deliver the same performance, comfort and climate resilience as new build ; but at lower cost and even lower carbon impact.

Colin jointly leads Hampshire County Council's in-house Property Services team of some 400 staff, with its long-established reputation as the leading public property practice in the UK.

An architect by training, he oversees a multi-disciplinary team of 100 or so designers, including architects, engineers, landscape architects and interior designers and leads on climate change for the County Council's built estate.

With over 30 years' experience at HCC's Property Services, Colin is an expert in stewardship of the public estate for future generations, deeply committed to the transformational role designing for both people and planet can play in building society.

Mike Chater is a principal architect with Hampshire County Council Property Services. He has 25 years' experience in public sector projects in both education and residential sectors.

For the last 14 years, Mike has played an active role in the development of Soft Landings and the push for the wider adoption of building performance evaluation within the construction industry. In 2021 he authored RIBA's Plan for Use guidance and now manages its implementation on Hampshire projects.

10:45 Refreshments, Exhibits and Networking

11:15 Low Energy Transformation Initiative (LETI). [Dr Joe Jack Williams](#), LETI Member and Partner and Passivhaus Consultant at Feilden Clegg Bradley Studios

[Joe Jack](#) is an Associate and researcher at FCBStudios and, alongside Ian Taylor, leads environmental research at the practice, identifying, developing and enabling research across sectors and projects. His specialism is the influence of the school building on the students studying within, measuring perceptions, environmental performance and building forms as well as predicting, measuring and mitigating carbon impacts of architecture. He has taught at a number of universities in the UK and is part of core research groups within Architects Declare, CIBSE and LETI.

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12:00 Session 2: Breakouts/Workshops - choose from

Net Zero Starts with Cutting Energy Waste [Jonathon Hunter Hill](#), Sector Manager Education, SAV Systems

Net Zero starts with energy waste. It is estimated that cutting energy waste could reduce global energy consumption by up to 40%. SAV Systems has partnered with a Danish company, EnergiData, bridging the gap between building services knowledge and energy data. Consequently, the goal of EnergiRaven is to help client identify sources of energy waste in their complex building portfolios and eliminate it, by digitalising building energy usage.

Jonathon Hunter Hill: Sector Manager – Education is a passionate advocate for MVHR, Jonathon is the Product Manager for AirMaster decentralized MVHR and Energi Raven, with a wider emphasis on improving energy efficiency in schools to meet our Net Zero goals. Jonathon has worked with many local authorities over the years. With an existing relationship to The City of Edinburgh Council, in April 2021, he secured Passivhaus Component Certification for one of AirMaster’s MVHR units. Following university, Jonathon joined SAV Systems and has worked there for the past 9 years.

Radically reducing operational energy: Harris Academy Sutton. [Christian Dimbleby](#), Associate and Chartered Engineer, Archtype

Harris Academy Sutton is the first secondary school in the UK to meet the Passivhaus standard, in so delivering a beautiful learning environment and a focus on health and wellbeing. The SPACES Awards 2021 – Civic Building of the Year and Sustainability Category Winner, and RIBA London Sustainability Award 2022 among other accolades.

In his talk, associate and Passivhaus designer Christian Dimbleby will explore how Archtype took lessons learnt from more than 10 years of Passivhaus projects to push the boundaries of scale and design in this award-winning sustainable school in Sutton.

His presentation will cover working with contractor and client to upskill and educate, simplifying complexity and detailing for contractors, as well as favouring low-carbon and biophilic materials to create a truly exemplar green space – a blueprint for a new generation of schools.

Christian is a dual-qualified Architect and CIBSE Chartered Engineer. Since joining Archtype, he has developed a specialism of delivering radically low energy in-use and truly sustainable educational projects – from early years to university buildings.

He has delivered some of the studio’s most ambitious and complex designs, including The Enterprise Centre at the UEA - featured in COP26 Virtual Pavilion; Harris Academy Passivhaus Secondary School in Sutton, and the Passivhaus Plus Hackbridge Primary School, ‘The UK’s first net zero school’. He is currently advising a number of leading organisations to help them monitor and meet their sustainability goals in the face of the climate emergency.

Reducing Carbon Footprint of Sports Facilities. [David Papworth](#), General Manager, Junckers Limited

Sport and leisure facilities are associated with high operational costs and the recent energy crisis will mean many operators are faced with difficult decisions. As the squeeze on operational carbon intensifies, embodied carbon comes more sharply into focus. 40% of embodied carbon is emitted post completion when finishes need to be replaced, building services replaced or the layout modified to accommodate evolving sports and leisure needs.

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Junckers Limited: Wood is naturally low in embodied carbon, a renewable resource that does not produce waste or pollution. We are committed to manufacturing solid wood flooring that stays true to nature. Caring for the environment is central to our business, and always has been. As far back as the 1930s when the company was founded, Flemming Juncker replanted trees to ensure forests were thriving - an environmentalist before his time.

David Papworth has led international building products companies for 20+ years. He joined Junckers Limited in 2017 to focus the business on becoming the leading UK sports activity floor provider for the public and private sector.

12:45 Refreshments, Exhibits and Networking

13:30 The power of people in the reduction of energy consumption: A case study . [Dr Samantha Mudie](#), Head of Energy, University of Reading

Though behaviour change is often largely overlooked as a tangible and sustainable way of reducing consumption, this couldn't be further from the truth. This talk aims to take participants through engaging staff in the reduction of energy and emissions and presents one of the highest return on investment projects Dr Mudie has delivered to date. She will present the format and results of a year-long behaviour change campaign and the lessons learnt to roll it out at the University of Reading, discussing elements such as initial feasibility assessment, measurement and verification of findings, competitions, interventions, rewards/incentives.

Dr Sam Mudie is Head of Energy at the University of Reading as well as an energy reduction consultant specialising in the hospitality sector. Her doctoral thesis, "Energy Reduction in Commercial Catering", has resulted in 8 award-winning peer-reviewed academic journal papers. This research measured the energy consumption attributed to appliances, menus and staff behaviours within the food service industry for the first time. Her subsequent projects have resulted in a range of successful energy reduction initiatives over the last decade, achieving millions of pounds worth of savings. She is currently working on multi-million pound heat pumps, a behaviour change campaign and several equipment replacement projects at the university and in the private sector.

14:15 Session 3: Breakouts/Workshops - choose from

Building Energy Management Systems vs Artificial Intelligence – The Importance of Comprehensive Commissioning, [Mal Stuthridge](#), Associate BEMS Engineer, Atkins

The accuracy of performance data from buildings has never been more important. Artificial Intelligence software platform development is moving at an incredible pace. The value these platforms can provide, depends upon accurate and comprehensive building data.

The 'traditional' Building Energy Management System holds an essential central position in relation to what data artificial intelligence software is able to access. The data required by this intelligence has an appetite for data which reaches further than the traditional mechanical, electrical and public health equipment.

The ability to gather and distribute this data, is something which Building Management Systems have been capable of doing for many years. There is an opportunity to enhance this ability within the Building Management System and allow the artificial intelligence software to integrate easily into your building(s).

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Mal works within and leads the Building Technologies Group, Building Energy Management System Design Team at Atkins.

Mal has worked in the BEMS controls industry since 1999. Mal has been involved in all elements which are necessary to deliver an efficient, reliable and robust building environmental management solution. These elements include; Design, Software development, commissioning, engineering, demonstration, validation and project management. Mal has experience of numerous types of buildings ranging from category 4 containment laboratories to multi-level, multi-use office spaces.

Decarbonising the Campus - retrofitting 1960s buildings to EnerPHit standard, [John Thornberry](#), Sustainability Consultant. Pick Everard

John's presentation will cover:

- the sitewide BGS campus Decarbonisation Strategy
- 3x existing multi-storey 1960s office/ research/ refectory buildings, retrofitted to Certified EnerPHit standard
- Contrast of the 3 other existing (more recent) office/ research buildings being upgraded in same project to (just) LETI Retrofit standard.
- Project organisational and commercial considerations experienced when designing and constructing to EnerPHit standard.

John is currently a Sustainability Consultant for Pick Everard and Founding Director of John Thornberry Architecture, a Chartered Architect and RIBA Client Adviser consultancy.

His experience covers 30 years promoting Sustainable Design, providing advice on strategic and applied sustainable building design and innovation. As an Education design specialist, he assists the SPACES working group and the Association for Learning Environments (A4LE) leadership team.

Following 2 years as Head of Development living 'off-grid' and designing sustainable schools in Zambia, Central Africa, John designed the first UK pathfinder sustainable school in 1997 at AHMM Architects and first Zero Carbon school in 2002, going on to assist the development of BREEAM Schools for the DfE.

Formerly as the Operations Director of NPS Property Consultants and Managing Director of Barron+Smith Architects, he devised and led transformational business change within Publicly owned design consultancies, evolving their sustainability and Passivhaus practice from 2010.

John established his own Consultancy in 2018 providing strategic and project leadership as Demco Interiors Managing Director and WF Education- Group Head of Projects, developing education projects worldwide. He has carried out strategic monitoring assessment of the design and delivery of multi-billion Euro national education building programmes across Spain, Portugal, Greece and Romania, as the European Investment Bank's (EIB) specialist technical consultant.

At Pick Everard he has a companywide Sustainability Consultant role, inputting into projects and implementing sustainability training, culture and processes across their 700 staff and 13 offices.

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Having been involved in the design of 150 Passivhaus buildings utilising 6 forms of construction, including the RIBA Stirling Prize shortlisted Carrowbreck Meadows development, during ‘COVID lockdown’ John took on the challenge of designing and self-building his own contemporary passive house using MMC.

John is a RIBA Professional Practice External Examiner for the University of Westminster and UWE, Bristol.

Outside of work, he is an enthusiastic 1965 Jaguar E-type owner and leads voluntary teams building community projects across sub-Saharan Africa (both noted as relatively high carbon, but worthy activities).

DfE Standards and Guidance: Workshop supporting new and existing Education Estates. [Julia Gollings](#), Standards & Guidance Architect and Lead, [Daniel Bradder](#), Standards & Guidance Architect and [Sally-Anne Balmer](#), Standards & Guidance Architect.

We want to hear from you...

From a ‘user’s’ experience of the Department for Education’s (DfE) published Output Specification, Building Bulletins and associated tools including the Schedule of Accommodation (SoA), we want to hear what works well and what needs improvement.

We are particularly interested to hear about:

- What DfE standards and guidance you use?
- How you access this information?
- What further information would support your role(s)?

We would love to hear from Responsible Bodies, Contractors, Designers, Suppliers etc., so please join us to share your views on how we should update and communicate DfE technical standards and design guidance.

Julia is an Architect with over 20 years’ experience designing and building school buildings and grounds for the public and private sector.

Julia joined the DfE from private practice in 2021 to support capital delivery as a Design Advisor and to act as Technical Lead for the implementation of the DfE’s ISO 19650 aligned Information Management Resources at framework level and the Design Team’s Digital Strategy. Julia now heads up the team tasked with developing a new digital information hub for DfE standards, guidance and tools based on user-focused evidence to support all schools and colleges across England.

Dan is an Architect with over 15 years’ experience spanning Local Authority, traditional practice, and multidisciplinary firms. Dan studied Architecture and Environmental Design and his interest has remained in civic architecture. His career has specialised in the design and delivery of projects varying in scale across both healthcare and education sectors, including complex refurbishment and new build.

Dan’s focus is finding the “common ground” across the Standards & Guidance relating to the educational estate, ensuring that good quality design, fair and sustainable provision is accessible for all.

Sally-Anne is an Architect with over 15 years of experience in the construction services industry. Initially working in private practice with experience of designing and delivering a combination of Conservation, Educational, Ecclesiastical, Leisure and Commercial projects, Sally-Anne then joined a company that specialises in the development of UK construction specification guidance and templates.

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Sally-Anne joined the DfE in 2022 to support capital delivery as a Design Advisor and to focus on the rationalisation and re-presentation of DfE standards, guidance and tools to support usability and accessibility for all.

15:00 Refreshments, Exhibits and Networking

15:20 Roundtable: How far can changing behaviour go to achieving net zero? Facilitated by [Alex Gee](#), Vice President, SPACES

Alex is a strategic director with experience working across the public, private and international sectors.

He has spent the last 18 years in senior roles, leading and transforming multi-disciplinary teams into successful commercial operations.

For the last 10 years, Alex has been Operations Director at the Norse Group, with responsibility for the successful delivery of multi-disciplinary property services, leading two Joint Venture companies: NPS Peterborough Ltd with Peterborough City Council, Norse Evolve Ltd with the London Borough of Waltham Forest; and Norse Archaeology.

In addition to his responsibilities in Peterborough, Alex has spent the last 18 months as Interim Head of Property at Cambridgeshire County Council, working closely with the Energy Investment Unit supporting the implementation of zero carbon projects.

Prior to the Norse Group, Alex was Head of Project Co-Ordination for UNEP-WCMC leading on the commercial viability of international environmental projects that ranged from preserving International Protected Areas to Climate Change, working across Institutions such as the UN, the EU and International NGOs.

Alex specialises in delivering strategic projects that require multi-partner collaborations to facilitate change and building high performing teams that focus on delivering commercial benefits.

16:10 President's closing comments and thank yous, [Steve Rufus](#), President, SPACES

Webinar Programme

As part of the Study Day, throughout 2023 we will be running webinars on supporting topics. Webinars are open to all and operate through webinarjam and further information and booking can be done via our [events calendar](#). Slides where permitted are made available on our [information suite](#) and videos can be watched at [Study Day 2023: The Public Sector Journey to Net Zero – YouTube](#).

26th April 2023 – Social Value, Technology and Good Practice, Dan Heffernan, Faithful+Gould and Sarah Cooper, Chapter One.

A sea change is happening in the world today transforming what the purpose of doing business is. Public Sector Bodies are already having to respond to issues such as the climate emergency, rising inequalities, and the cost-of-living crisis is imperative in ensuring an organisation's success, in a way that hasn't been seen before.

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Join Dan Heffernan, Social Value Lead at Faithful and Gould to understand how social value has been embedded across their organisation, and how through the use of innovative technologies and practices, they are able to positively impact lives and ensure local people remain at the heart of their projects.

The session included:

- An overview of Social Value
- F+G's approach to Social Value within their projects.
- A blue sky approach using technology and the importance of community partnerships.

You can watch the webinar on our [YouTube Channel](#).

20 September 2023 – Fellowship Square – CBOY Winner, Daniel Reynold, London Borough of Waltham Forest

[Daniel Reynolds](#) from London Borough of Waltham Forest will be discussing [Fellowship Square](#), winner of the Heritage Category and overall winner of Civic Building of the Year 2022. The panel felt the end result is a building truly worthy of its status within the community and an establishment that actively demonstrates the collaborative nature of its creation.

Facilitating the event will be [Jackie Lowe](#), Arcadis, Immediate Past President of SPACES.

The webinar will be hosted on webinarjam and you can register [here](#).

12th October 2023 – Reducing energy in hospitality and food service, Dr Samantha Mudie, University of Reading

[Dr Samantha Mudie](#), Head of Energy, University of Reading will be discussing reducing energy in hospitality and food service.

Dr Sam Mudie is Head of Energy at the University of Reading as well as an energy reduction consultant specialising in the hospitality sector. Her doctoral thesis, "Energy Reduction in Commercial Catering", has resulted in 8 award-winning peer-reviewed academic journal papers. This research measured the energy consumption attributed to appliances, menus and staff behaviours within the food service industry for the first time. Her subsequent projects have resulted in a range of successful energy reduction initiatives over the last decade, achieving millions of pounds worth of savings. She is currently working on multi-million pound heat pumps, a behaviour change campaign and several equipment replacement projects at the university and in the private sector.

Facilitating the event will be [Greg Keeling](#), Essex County Council, Events Director of SPACES.

The webinar will be hosted on webinarjam and you can register [here](#).

9th November 2023 – Specifying Sustainable Flooring, Junkers

Junkers will be discussing Sustainable flooring.

The aim of the Juncker's CPD presentation Specifying Sustainable Flooring is to provide you with a good understanding of how solid hardwood floors compliments sustainable building design. Wood is a carbon neutral

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material and specifying the correct wooden floor can produce a measurable reduction in global warming. We will provide you with an understanding of why this is so, and to help you realise the potential of solid wooden floors over the extended life span of the product.

- How a product with a long-life cycle has a positive impact on the environment
- How wood keeps CO2 out of the atmosphere
- How to use EPDs and manufacturers' tools to evaluate different products at the design stage
- How designing with wood has a positive impact on indoor climate, wellbeing and daylighting

Facilitating the event will be Mark Appleyard, Kier Construction and Head of Profession – Construction for SPACES.

The webinar will be hosted on webinarjam and you can register [here](#).

Sponsors

Atkins

[Atkins](#) is one of the world's most respected design, engineering and project management consultancies.

We build long-term trusted partnerships to create a world where lives are enriched through the implementation of our ideas.

Our lived environment is facing rapid change; to face these challenges, we are radically transforming the way infrastructure is designed, delivered and operated. Our aim is to help create a world that is diverse, sustainable, full of thriving communities and working better for all.

Faithful+Gould

[Faithful+Gould](#) is a world-leading integrated project and programme management consultancy.

The best people in the business collaborate to bring all of their core services expertise of Cost and Commercial Management, Project Management, Programme Management, Asset Management and Project Controls to every environment and every sector.

We support clients with the construction and management of their key assets, important projects and programmes with an integral focus on improving social benefit to our communities in which we all live and work - it's in our DNA and another example of Constructive Expertise.

Junkers Ltd

[Junkers Industrier A/S](#) is Europe's leading manufacturer of solid wood flooring for the sports, residential and commercial segments.

At the same time, we are the only flooring company in the market that can complement our products with a carefully balanced range of our own produced wood-care products for regular maintenance and renovation of wooden floors. Thereby, Junkers is always able to provide a complete solution regardless of the task at hand.

Moreover, we want to emphasise that with Junkers as a professional partner, you are always ensured proper technical service before, during and after a project. Our experience is that this ensures the highest possible quality.

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All our wood floors and wood-care products are produced in Denmark and are therefore developed based on the solid traditions of Danish craftsmanship.

The products are produced locally, which means we can focus on individual customer requirements. The advice and guidance provided is from our professional team closely tied to the daily production and therefore with particular expertise.

Norse Consulting

[Norse Consulting](#) is the parent company for building consultancy services within the Norse Group with a primary purpose to improve people's lives.

Everything we do is centred around a clear and ethical purpose; we understand the needs of our clients and we personalise what we do to fit their strategic aims. Together we deliver solutions to better support local communities, maintaining a purpose-driven approach to improving the places where people live, work, receive health and care.

We offer a broad range of building consultancy services as stand-alone or integrated packages, incorporating multi-disciplinary expertise. Through this we bring together Hamson Barron Smith, NPS Property Consultants and the various NPS joint venture partnerships across the country.

Formerly working as NPS Group and with our wealth of experience supporting local government, housing sectors, education academies and health and care trusts, we understand that it takes collaboration to deliver the best results and make a truly positive impact creating purposeful community environments.

SAV Systems

[SAV's](#) mission statement has always been to "achieve optimum indoor living, with minimum energy wastage."

Reducing energy consumption is a vital part of achieving our Net Zero targets. Naturally, the more generation capacity required the more expensive the transition to renewable technologies will be. Hence, Net Zero starts with eliminating energy waste from our buildings by realising energy savings and increasing energy efficiency.

Until recently, the UK has had access to an abundant and cheap supply of fossil fuels. However, Denmark has been on the journey of reducing the cost of energy since the global oil crisis of the 1970s. This has been driven forward by high carbon taxes and a national desire for reliable, low carbon energy supplies.

As a company of Danish heritage, SAV Systems have instinctively looked towards the experiences of Denmark and its Scandinavian neighbours to introduce low carbon renewable technology solutions to the UK.

Since 1988, SAV Systems has been supplying best practice technology solutions from leading technology partners to the building services industry.

Exhibitors

Bauder

[Bauder Roofing's](#) focus is centred on providing a waterproofing system, green roof or photovoltaic array that fully understands all the individual issues of the project and answers the needs of the client. All our systems are installed by Bauder approved contractors, ensuring that we deliver high quality installations. Bauder's expert technical

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managers can also deliver bespoke CPD seminars helping clients enhance their knowledge of our systems and their application.

IES

IES believe that every building of every city in the world can be decarbonised. Our purpose is developing the technology to make that happen.

Our Digital Twin technology facilitates the creation of resource-efficient, healthy and cost-effective built-environments of any size or purpose – supporting citizens, companies, campuses, communities, cities and even whole countries. Simulating and analysing data to give those involved in the creation and management of both individual or entire groups of buildings the information needed to make smarter, more sustainable decisions with confidence.

Networking Dinner Sponsor

Monodraught

[Monodraught](#) design, manufacture, install and maintain sustainable ventilation, cooling, heating and lighting solutions for new and refurbished commercial buildings. As a pioneering UK company, we are committed to minimising the carbon footprint of every building with a range of standard and bespoke products. We deliver outstanding temperature-control and indoor air quality whilst minimising the consumption of both electricity and refrigerants.

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