



Department for
Energy Security
& Net Zero

The Big Energy Summit 2025

A stimulus for action in local energy & climate change



26 – 27 February 2025

Birmingham Conference and Events Centre, Hill Street,
Birmingham, B5 4EW

Programme day 1

Wednesday 26 February 2025

09:00 Registration

10:30 **Introduction – Phil Brennan, Head of APSE Energy**

10:40 **Session One**

Delivering Government agendas locally and regionally - a NZ Hubs perspective - Maxine Narburgh, Regional Director, Greater South East Net Zero Hub

Financing Net Zero- Green Growth Fund West Impact Fund

- A £100m Regional Net Zero Impact Fund generating up to 10x more impact
- Invest in local net zero priorities and an In-house Investment Readiness Advisory Service
- Consideration of the wider finance environment for net zero

Justin Olosunde, Senior Finance & Investment Manager, West of England Mayoral Combined Authority and South West Net Zero Hub

Audience question and answer session

11:40 Break

12:00 **Panel session on 'Local Area Energy Planning; how the process will need to mature to inform regional energy strategic plans'**

Panel chair: Alistair Craig, NW Hub

Panel speakers: Karen Oliver-Spry, NE&Y Hub; Chris Brierley, Senior Stakeholder & Impact Advisor, Energy Systems Catapult; Laura Bramley, Calderdale Council.

12:50 **Session Two: Interactive discussions:** *Interactive discussions run concurrently and delegates can attend one session of their choice*

Discussion One

Building geothermal projects from the ground up

- How can we use geothermal heating at scale in the UK?
- Using disused mines to heat local homes- the story of the Horden Minewater project
- What does a community-led heat network look like?

Ellie Grimes, Net Zero Team Leader - County-wide, Durham County Council and John Hart, Strategic Stakeholder Manager, NEY Hub

Discussion Two

Interactive immersive learning

- Experiences- air quality/energy use/retrofit/green jobs
- Sefton's approach to education and engagement
- The benefit of kinesthetic engagement

Darren Lloyd, Eco Education Officer and Christina Chislett, EEMS Retrofit Project Manager, Sefton Council

Discussion Three

Insights into funding and finance in portfolio-wide decarbonisation

- PSDS and LCSF delivery insights - upcoming costs benchmark research to support procurement and decision-making
- Digitalisation and data - prioritising interventions, streamlining & scaling delivery, and supporting investment decision-making
- Live case study of innovative decarbonisation in action

Craig Mellis and Matt Caville, Senior Advisors, Decarbonisation of Complex Sites, Energy Systems Catapult

Discussion Four

Considering adaptation and mitigation in planning applications – a new NPPF requirement

- What might it mean for you, your planners and your council?
- A beneficial tool or a headache?
- Interpretation and potential local impacts

David Hand, Head of Planning Policy, Economic Strategy and Environment, Darlington Borough Council

13:20 Lunch

14:20 **Session Three**

Reducing energy demand in Bradford - our approach and our actions

- Identifying priorities
- Data driven decisions, examples and outcomes
- The practicalities of energy management- a live demonstration of how we manage our buildings via BMS

John Sharp, Energy Team Manager, City of Bradford Metropolitan District Council

Forging ahead with the fleet

- Investing in the depot
- Solar, batteries, EVs and V2G
- Impact on services

Matt Ralfe, Innovation & Change Manager, Nottingham City Council

Sorting scope 3

- A focus on the data
- Working with suppliers
- Progress at Newcastle

Rachel Somerville, Climate Policy and Delivery Officer, Newcastle City Council

Audience question and answer session

15:40 Break

16:00 **Session Three continued**

Ensuring local electricity distribution networks are fit for purpose for the UK's net zero goals

- How changes to policy could impact local government
- Council actions to get the most from their local networks and keep up with growing demand
- Building networks for the future

Margaret Read, Director of Policy, National Infrastructure Commission

Multiple benefits of nature-based climate adaptation and mitigation actions

- The importance of asset data
- Identifying evidence-based policy options
- Mapping effectiveness

Alison Smith, Senior Research Associate, Environmental Change Institute, University of Oxford

Audience question and answer session

16:50 **Session Four: Ask the expert:** *Sessions run concurrently. Delegates to attend one session of their choice*

Step-by-step process for the delivery of energy projects

- Efficient routes to market
- Contract considerations
- Installation and project management

Alan Barber, Chartered Energy Manager and Mike Keating, Mechanical Design Engineer (APSE Energy Associates)

The Power of Partnerships

- Why the WYCA joined forces to decarbonise homes
- The joining journey
- Customer case studies

Emma Lower, CEO, Lendology

Building up Community Energy as a resource for net zero

- How local authorities and community energy can support each other
- Co-benefits of a thriving local community energy network
- Powering up and powering down communities

Ollie Pendered, Chief Executive, Community Energy Pathways

Performance management and data

- Data on energy use, emissions, renewables and more
- Aims of the project
- Outcomes from the pilot

Debbie Johns, Head of Performance Networks, APSE

17:20 Close

19:00 Pre dinner drinks

19:30 **The BIG APSE Energy Summit awards and dinner**

Programme day 2

Thursday 27 February 2025

09:00 Introduction, James Jefferson, APSE Energy

09:05 **Session One: Case study 'shorts'**

Developing Plymouth's Heat Network

- Getting the operation right - customers, loads, and technology
- A long-term investment providing heat now, in 2050, and beyond

John Allen, Building Decarbonisation Manager, South West Net Zero Hub

A natural approach to highways flooding

- A case study employing practical solutions
- Fitting the practice into the policy

Laura Morrison, Flood Risk Engineer, Wigan Council

Sharing your generated power- there may be a better way?

- What is a complex site?
- Generating and consuming electricity
- Benefits for us and others

Jason Taylor, Energy Manager, Southampton City Council

Carbon Culture - embedding the approach in Warrington

- Ensuring climate change is central to the authority going forward
- Building communities of net zero practice among the workforce
- Tackling barriers and encouraging innovation

Robyn Lees, Net Zero Innovation and Delivery Officer, Warrington Borough Council

Powering the lights in Hertfordshire

- Wind and solar generation
- Results from the pilot

Peter Simpson, Senior Asset Manager & Team Leader Highways Operations, Hertfordshire County Council

10:15 Break

10:35 **Session Two**

What is the future of energy pricing?

- Where are the energy market and prices headed?
- What questions should you be asking your energy consultant?
- How can you reduce your reliance on the grid - eliminating energy waste and on-site generation

Andrew Donald, Business Development Manager, Equity Energies

11:00 **Session Three: Interactive Discussions: Interactive discussions run concurrently and delegates can attend the session of their choice**

Discussion One

Skill issues and the impact on local authorities

- Finding funding
- Working with partners
- How LAs can support upskilling for net zero

Marissa Looby, Home Energy Lead, NW Hub and Genevieve Dady, Supply Chain Development Manager, GSE Hub

Discussion Two

Delivering the Carmarthenshire LAEP through local and regional actions

- The nuts and bolts of decarbonisation
- Hands on experience from Carmarthenshire
- Challenges of working locally and regionally

Neil Evans, Corporate Energy Officer and Laura Davies, Regional Energy Manager, Carmarthenshire County Council

Discussion Three

Renewables, waste management and AD

- Green disposal of organic waste
- Integrating renewables
- Benefits for the local economy

Donnie MacMillan, Plant Manager, Comhairle nan Eilean Siar/ Western Isles Council

Discussion Four

Leapfrog into decarbonisation planning using Net Zero Data

- Understand the energy system and assets in your area
- Find opportunities
- Start project planning

Sandeep Kang, Senior Product Manager, Energy Systems Catapult

11:35 Break

11:50 **Session Four: Ask the expert: Sessions run concurrently and delegates can attend one session of their choice**

Networked Heat Pumps approach- it's the future!

- Why Ground Source is a good idea
- How, where and when?
- Case study examples including heritage buildings

Stuart Gadsen, Commercial Director, Kensa

Anaerobic digestion- is it for you?

- Issues for consideration
- Scale, capacity, planning, output
- Advantages of AD

Steve Gummer, Head of Net Zero, Sharpe Pritchard

Overcoming Grid Constraints

- Understanding the problem for solar projects
- Overview of how DC coupling solar to our battery storage can offer a solution
- Key benefits of this approach

Alex Thompson, Group Sales Director, AceOn

Clean Power 2030 and planning

- The Act's impact on the planning function
- Planning's impact on decarbonisation
- Ensuring your planners are on board

Tim Crawshaw, Chartered Town Planner and Urban Designer, APSE Energy Associate

12:30 **Session Five**

Public engagement through a retrofit show home

- Why use retrofit as an educational resource?
- Our approach to housing decarbonisation
- Outcomes and benefits

Jo Gay, Head of Environment, Southend-On-Sea City Council

The context for domestic decarbonisation

- The scale of the home energy efficiency challenge
- Finding funding
- Case studies- lessons and learning; problems and solutions

Duncan McCombie, Chief Executive, YES Energy Solutions

Local Net Zero - a view from DESNZ and the impact of the new Labour Government

Patrick Allcorn, Head of Local Net Zero Demonstration & Delivery, DESNZ

Audience question and answer session

13:30 Closing comments

13:35 Lunch

Book a Surgery Appointment!

Surgeries are available for delegates who wish to spend 15 minutes discussing a particular question, issue or technical matter with a regional Net Zero Hub representative or an APSE Energy consultant.

Further information will be released closer to the BIG Energy Summit.

Please note, surgery appointments are limited and available on a first-come, first serve basis.

APSE Energy Awards 2025

Sponsored by DESNZ

We would like to say a huge thank you to all of the councils who submitted an entry for this year's awards. It is amazing to see the dedication and creativity shown by local authorities in the pursuit of net zero.

We appreciate all of your hard work and congratulations to all of the APSE Energy Award Finalists!

Category finalists Supporting Innovation

Comhairle nan Eilean Siar

Comhairle nan Eilean Siar (Western Isles Council) has partnered with Advetec to become the UK's first local authority to process 100% of non-recyclable waste into Solid Recovered Fuel (SRF). Using Advetec's innovative XO22 bio-thermic digester, the council is eliminating landfill dependency, reducing transport emissions, and creating renewable fuel with 95% less CO₂e than coal. This £1.2m initiative supports Scotland's 2026 landfill ban, advances energy security, and sets a benchmark for sustainable waste management in remote areas.

Gateshead Council

A ground-breaking solution using heat from disused mines to provide low cost, low carbon heat and hot water to the people of Gateshead. This project has not only decarbonised their heat network, but then developed further, bringing in renewable power sources and dynamic energy trading to get even closer towards both Gateshead's net zero goals, but also proving this technology for other potential users across the UK.

London Borough of Hackney

Hackney Light and Power's Residential Solar PV Pilot will deliver 1 MW of solar power across council housing estates using innovative microgrid technology, offering residents affordable clean energy while advancing Hackney's net-zero goals. This pioneering UK-first model emphasises cost savings, fuel poverty alleviation, and carbon reduction through renewable energy, creating a scalable solution for other local authorities to follow.

Northumberland County Council

Northumberland County Council have innovated in the delivery of Government funded grant schemes and created 'Warmer Homes' delivery methods including: Bespoke IT system for CMS/contract management and 'batching' tool; fully trained internal retrofit team, using social value in contracts to train other internal teams on retrofit and PAS2030 processes. The IT products are being prepared to be suitable for commercialisation to assist other local authorities deliver energy efficiency schemes with the aim of combating fuel poverty and towards net zero goals.

Walsall Council

Walsall Council is working with Achieve Your Goals CIC and Hillary Primary School, to act as a 'catalyst' in process of reaching out to parents/carers (householders). Via engagement with local school children, they reach hard-to-reach households and find hard-to-treat homes. They have delivered bespoke energy and renewable energy education package to 200 children leading to £1.5m of grant-funded retrofits, with £78,500 energy savings. They are working with teachers and Nash Dom CIC to promote and provide translation services.

Westmorland and Furness Council

Voreda House is the UK's first council office building to achieve Passivhaus EnerPHit accreditation following the retrofit of an ageing office building. The newly-formed Westmorland and Furness Council took the scheme through to completion in May 2024 and its positive certification in June 2024. Voreda House is now a modern, fit-for-purpose and sustainable hub for staff and the public and an embodiment of Westmorland and Furness Council's commitment to providing leadership in the drive to becoming carbon net zero.

Accessing and Managing Finance

Bedford Borough Council

Bedford Green Energy Park delivers low carbon, clean energy generation technologies on a closed restored landfill site, as a model to provide an education resource, training and encourage others to reduce carbon emissions, adopt innovative technologies, and improve air quality. The project represents the significant amount of work by the project team in developing and securing SEMELP funding for sustainable investment opportunity for the Council, whilst also satisfying the aspirational pledge by the Council to become carbon neutral by 2030.

Lancashire County Council

Local authorities across England have identified tree and woodland planting as a key part of their response to the climate change and biodiversity crises. A lack of capacity to develop and design planting proposals, to consult widely, apply for capital grants and organise planting has been identified as a key barrier to progress. LCC's Treescapes team have successfully accessed significant amounts of finance to accelerate the amount of tree planting in Lancashire.

Salford City Council

Salford City Council has secured funding from public sector funders to deliver projects across Turnpike Depot, a strategic operational council site. Turnpike has benefitted from installations of air source heat pumps, roof mounted solar panels, battery storage and solar car ports to decarbonise and generate electricity at the site. This is in preparation for the renewal of the council's fleet and move towards electrification. Without accessing these funding mechanisms these works would not have been possible within current council budgets.

Southwark Council

Southwark Green Investment is an ambitious local green bond, aiming to raise £6m by 2030 and connect with residents, businesses and charitable foundations. The first two raises smashed targets for locally-raised investment: of a total £1.5M raised, £468,000 came from 149 local investors. Targeted communications, strong political championing and partnership working have created excitement in Southwark about climate action and connected locals with transformative projects. This has helped to highlight the challenges of financing climate solutions and build an investor base that can be leveraged for future initiatives.

Tonbridge and Malling Borough Council

Tonbridge and Malling Borough Council has put accessing and managing finances at the centre of its priorities to deliver excellent public services and its 2030 carbon neutral aspiration. In tackling its largest source of carbon emissions, Larkfield Leisure Centre, the council has landed funding from the Swimming Pool Support Fund capital scheme, and the Public Sector Decarbonisation Scheme, with renewable, efficiency and decarbonisation measures co-funded through prudent reserves and returning savings from renewable investments to fund future initiatives.

Working in Collaboration

Blackpool Council

With its genesis in a project aiming simply to decarbonise a library building, the Blackpool Eco Hub has quickly evolved into a multi-faceted partnership service and delivery model helping people to be wealthier, healthier and greener. By taking a flexible approach, and seizing the opportunities arising from building new relationships with partners, the service now has the potential to re-shape public services in Blackpool around our common need to tackle the Climate Emergency.

Bolsover District Council

Bolsover District Council, East Lindsey District Council, and Birmingham City Council partnered with leading independent construction and property consultant, Rider Levett Bucknall (RLB) to deliver a step change in green skills delivery through Regional Retrofit Skills Roadmap and Pilot project, funded and supported by the Midlands Net Zero Hub and DESNZ. Dozens of organisations collaborated to successfully deliver nearly 30 funded pilot activities in less than four months, with outcomes that will upskill over 765 people per year across the Midlands.

Cambridge Energy Retrofit Partnership

CERP is a considerable success story. This Cambridgeshire Council partnership has collaborated for over a decade delivering retrofit support to communities. Currently HUG2 is being delivered in significant numbers across Cambridgeshire and is supporting our wider strategic partnerships and aspirations towards net zero. Their success is a direct result of our strong collaborative approach and Officer commitment.

North Yorkshire Council and the York and North Yorkshire Combined Authority

North Yorkshire Council and the York and North Yorkshire Local Enterprise Partnership (now the York and North Yorkshire Combined Authority) worked collaboratively with community representatives to both develop and deliver the £2.2million Shared Prosperity Fund Decarbonisation Theme, delivered between January 2023 and March 2025.

Pembrokeshire County Council

Pembrokeshire County Council (PCC) is working closely with Egni, a local community energy cooperative, to install 1.5MW of rooftop PV across 20 schools and leisure centres. 530kW of which has already been delivered. This builds on previous work which installed 265kW on six schools in the county.

Alongside this work, PCC and Egni co-op are delivering an educational engagement program to support the schools with a variety of curriculum enrichment activities related to energy efficiency and sustainability. This includes access to Energy Sparks, which has reduced energy demand by up to 20% in some schools.

Sandwell Metropolitan Borough Council

Seven West Midlands local authorities have shattered traditional boundaries, uniting in partnership with West Midlands Combined Authority to deliver a groundbreaking cohort of Net Zero Neighbourhood projects.

By choosing collaboration over competition, this innovative cohort has secured critical funding to launch seven unique demonstrator projects that re-imagine how communities can achieve a Just Transition.

Their approach has transcended local ambitions, sparking national interest. Regions like Greater Manchester, Greater London, and Scotland are now looking to the West Midlands as a blueprint for transformative climate action.



Event Partners



Department for Energy Security & Net Zero

The APSE BIG Energy Summit is being held in partnership with The Department for Energy Security and Net Zero (DESNZ). We have worked together over recent years to host this popular event and APSE Energy is grateful for the Department's continued support.

DESNZ was established as a ministerial department in February 2023 to focus on the energy portfolio of the former Department for Business, Energy and Industrial Strategy (BEIS). It has been tasked with the significant responsibility of securing the UK's long-term energy supply, ensuring properly functioning energy markets, improving energy efficiency and leading on the transition to net zero. DESNZ is a ministerial department, supported by 15 agencies and public bodies.

Their priorities are:

- *Leading the government mission to achieve clean power by 2030 and accelerate to net zero:* this will boost energy independence, protect bill payers, create growth and jobs and reduce carbon emissions.
- *British jobs and supply chains and a successful Great British Energy:* create an active industrial strategy which supports clean energy industries and the transition to net zero, establish Great British Energy - creating good jobs and building domestic supply chains across the country.
- *Warm Homes Plan:* Advance home decarbonisation this parliament to cut people's bills, decarbonise the buildings sector, and cut fuel poverty.
- *A fairer deal for consumers:* lowering bills and spreading costs more progressively. We will strengthen Ofgem to ensure consumer interests come first, and it can hold companies to account for wrongdoing.
- *Establishing a just and orderly transition away from fossil fuels:* a fair and prosperous transition in the North Sea - consistent with our position on no new oil and gas licences and our commitment to accelerating the deployment of offshore wind, CCUS and hydrogen.
- *Leading the fight against climate change and supporting global action:* demonstrate success in the path to net zero at home and take a leadership role in the fight against climate change.

Local Net Zero Hubs programme

The Local Net Zero Hubs programme helps local authorities and communities in England to play a leading role in decarbonisation, supporting local authorities to develop net zero projects, attract commercial investment and accelerate the delivery of local energy projects across the country.

Find out more about the Local Net Zero Hubs:

North East and Yorkshire Local Net Zero Hub



North West Local Net Zero Hub



Midlands Local Net Zero Hub



South West Local Net Zero Hub



South East Local Net Zero Hub



APSE Energy Consultancy



Have you worked with APSE Energy's Consultancy support? One element of APSE Energy's offering is consultancy support across a range of activities related to the local authority energy and climate change agenda.

APSE Energy associates are recognised energy industry experts with substantial experience in dealing with energy and climate projects within the local authority environment. They understand the processes within local government and the importance of building support for a project. They have experience in different technologies, products and services and are skilled at supporting local authorities to look at their assets through an 'energy, climate change and sustainability' perspective.

The following are some of the consultants' areas of expertise:

- Strategic understanding of a local authority's role in the energy and climate change agenda within their locality;
- Developing and reviewing climate emergency strategies and action plans;
- Trajectory reports to meet net zero targets;
- Feasibility studies/energy audits for decarbonisation projects;
- Embedding climate change and energy into local plan policies;
- Strategic and early phase support for projects including heat networks; solar PV, battery and storage options; grid access and capacity and; electric vehicle charging and infrastructure;
- Support with business case development; monetary calculations and; helping councils bid for funding (such as the Public Sector Decarbonisation Scheme or Scotland's Public Sector Heat Decarbonisation Fund).

APSE Energy can provide support such as:

- Helping to write or update energy/climate/sustainability strategies by, holding workshops with managers/councillors; incorporating assets into strategy; drawing up action plans;
- Assisting councils with monetary calculations for specific projects such as solar farms;
- Providing market intelligence and assisting understanding of cost comparisons on renewable technologies and projects;
- Providing advice on grid connections, grid applications and discussions with District Network Operators (DNOs);
- Supporting discussions with potential customers of energy generated by the Council;
- Advising on options regarding charging infrastructure for electric vehicles;
- Acting as a critical friend on existing or planned heat networks;
- Supporting specific technologies such as solar, batteries, wind, heat pumps and lighting;
- Embedding climate change, energy and sustainability into local development plan policies;
- Plus a variety of other bespoke consultancy services.

Consultancy support varies in duration, from a single day to ongoing support over many months and is tailored to each specific job to suit each local authority circumstances. We work to a jointly agreed proposal which describes the project, duration, cost, outputs and associates undertaking the work.

APSE is a not-for-profit organisation which exists solely for the benefit of the local government sector. All fees generated through consultancy, or our other services, remain within the sector and are used for the benefit of our members. If you wish to know more about APSE Energy or our consultants, please contact Phil Brennan, Head of APSE Energy on 0161 772 1810 or at pbrennan@apse.org.uk, James Jefferson, Principal Advisor at jjefferson@apse.org.uk or Charlotte Burke Energy & Climate Officer at cburke@apse.org.uk

APSE Energy Consultancy

Disclaimer

Whilst APSE Energy works across industry experts through our valued Associates we do not offer, and are not regulated to offer, investment advice in energy or indeed in construction and design services. Member local councils are encouraged to fully explore the benefits of renewable energy and energy saving measures across their authority and their locality to the benefit of the local environment and local citizens, however this should always take place with the secure knowledge and advice of their own council experts, including in-house finance teams, and appropriate professionals at every stage of development.

Exhibitors

AceOn



AceOn Group are energy storage and battery specialists with over 30 years of battery experience.

AceOn offer a wide range of quality mobile, small, medium and large-scale energy storage systems. Whatever energy storage needs that a local authority has, AceOn can offer the right product at value-for-money prices, supported by excellent customer service.

Products include:

- Cell distribution;
- Battery pack manufacturing;
- Portable and mobile energy storage that can use either first life or 2nd life (EV) battery technology;
- Residential energy storage;
- Commercial, Industrial and Utility scale energy storage;
- AC-coupled or DC-coupled energy storage.

Energy storage has a fundamental role to play in the roll-out of renewable energy technology and in enabling local authorities to achieve their Climate Change and Net Zero ambitions and targets. AceOn's energy storage systems have been supplied on a variety of projects including; co-location with solar PV, grid infrastructure projects, EV charging projects and grid constrained projects. In addition, they can also help you to monetise your energy storage systems in the grid trading/ancillary markets to create new revenue streams that can help to alleviate some of the extreme financial pressures that councils are facing.

<https://www.aceongroup.com/>

Community Energy Pathways



Since 2013, Community Energy Pathways has provided support for a network of community energy groups in the south-east of England. They have been instrumental in pushing the boundaries of community energy solutions. In recent years, they have added support for capacity building in the north-east and north-west of England empowering communities to lead on the future energy needs of their localities.

They have a vision that every District or Borough council should benefit from community energy. They want each council to have a Community Energy Network to support their areas to achieve

Net Zero.

In the community energy sector people work together to reduce energy use and generate low carbon heat and power. Community energy projects require local leadership, a collective vision and community engagement. As a result, they bring positive outcomes for everyone in the local community. They create a democratic energy system that's decentralised and decarbonised.

<https://communityenergysouth.org/>

Energy Systems Catapult



Launched in 2015 by Innovate UK, the Catapult has built a team of more than 250 people, with a range of technical, engineering, consumer, commercial, incubation, digital and policy expertise. They draw on sector-leading test facilities, modelling tools, and data collected from our back catalogue of more than 500 research projects.

They use that 'whole energy' system capability to support innovative companies — small and large – to test, trial and scale their new products and services. Their impact comes when those innovators attract new customers, new investment and new grants so they can thrive in the future energy system.

Based in Birmingham, Energy Systems Catapult is part of a network of nine world-leading technology and innovation centres, established by Innovate UK. The Catapult Network fosters collaboration between industry, government, research organisations, academia, and many others to transform great ideas into valuable products and services.

Here's a taster of some of what we do:

- Helping home energy innovators test, trial, and scale their new products, services and business models (including through Consumer Insight & Proposition Design, Business Model Innovation and Test & Demonstration);
- Accelerating public, commercial, and industrial sites' plans to cut their emissions;
- Empowering local authorities to take Net Zero action;
- Equipping leaders in government, networks, energy retailers, and businesses with trusted Net Zero insight based on our suite of whole systems models, world-class systems thinking, and deep energy expertise;
- Opening doors at home and abroad to help early-stage innovators grow and scale;
- Accelerating the transformation and decarbonisation of the UK's built environment by continuing the work of the Active Building Centre;
- Tackling the hardest challenges on the way to Net Zero with digital and data innovation.

<https://es.catapult.org.uk/>

Equity Energies



Equity Energies is changing the way organisations approach energy strategy.

They create energy equity for businesses and organisations by turning their Net Zero ambitions into action which delivers environmental, societal, and commercial value.

For more than 20 years, they've been at the forefront of the energy transition and their commitment remains unchanged; to continue to improve the energy model so it's fit for the future, delivering greater efficiencies, less waste and more sustainable energy.

Their vision is for every organisation in the UK to be advancing on their pathway to Net Zero and beyond and benefiting from the value generated.

To be equitable is to not only recognise that every business and organisation has a different set of circumstances and requirements when it comes to Net Zero, but to also allocate the exact resources and opportunities they need to make their Net Zero pathway successful.

Taking this approach means that energy strategy can be used as a catalyst to make businesses and organisations more sustainable and valuable.

<https://www.equityenergies.com/>

Kensa Contracting



Kensa Contracting is an award-winning specialist delivery partner and contractor for communal heating with district ground source heat pumps, renowned for its innovative ambient loop shared ground loop array systems deployed in social housing retrofits and social and private new build developments.

Offering unrivalled experience and expertise, Kensa Contracting delivers a complete solution including design, specification, project management, householder liaison, specialist sub-contractor supervision, equipment supply, commissioning, and support with access to subsidies.

Delivering proven, robust and reliable systems from simple tried-and-tested to ambitious and innovative applications, Kensa Contracting is leading the adoption of low carbon heat frameworks to achieve the UK's net-zero carbon emissions target by 2050.

<https://www.kensacontracting.com/>

Lendology



Lendology CIC are a Social Enterprise lender, working in partnership with councils. Lendology work closely with the Private Sector Housing and Senior Management teams within local authorities to understand the strategic housing aims of the council and develop a partnership that delivers meaningful change across the sector.

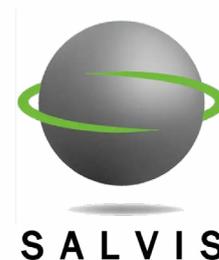
The loan scheme can be applied to solve a number of housing problems, from improving energy efficiency in the owner occupier and private rental sector, bringing empty properties back into use, supporting the improvement of housing generally, through to topping up or supplementing Disabled Facilities Grants.

Their unique assessment approach, using people to understand people, means that Lendology are able to support a range of homeowners, many of whom may find themselves excluded from mainstream finance providers.

Since 2003, Lendology have lent over £17million of council capital, of which over £10million has now been repaid and is ready to be re-lent. By improving homes, Lendology helps realise various financial benefits and health and wellbeing being improvements for clients, the community, the local economy and local councils.

www.lendology.org.uk

Salvis



Salvis is a full-service energy management and building services engineering specialist.

They consult on new-build, refurbishment and energy efficiency projects across public and private sectors.

They bring a comprehensive approach to energy management and engineering solutions through enhanced data analytics, and detailed and innovative design.

In the complex world of energy, Salvis stands apart from others by combining energy management with technical design to tailor solutions to reduce building energy consumption and carbon emissions. Their designs and strategies create sustainable environments that are efficient and effective - enhancing the health and wellbeing of building users.

<https://www.salvisenergy.co.uk/>

Space & Place



At SPACE & PLACE they believe in creating 'Architecture for Human Beings', it's their mantra, and it's why they do what they do.

Every single year the buildings they've designed and delivered are used over 100 Million times by every type of person. That's a lot of responsibility, but also a lot of opportunity to nudge and influence; to create environments to improve everyone's life experiences; and promote the re-thinking around improving community and economic benefit, sustainable energy, increased physical and mental wellbeing, better transport, good food and learning.

Their 'space makers' and 'place makers' are architects, engineers, designers and Building Information Modellers with a real sense of common purpose in recognising the social and economic importance of creating inspiring space and place that encourages communities to be more active and engaged.

Whilst they work across all sectors and all building types, they have a world class reputation of delivering great space and place that has sport at its heart, from grassroot developments through to major Olympic and Paralympic venues. Indeed the current Government guidance on sports infrastructure development, promoted by Sport England, was written by them.

They keenly promote, through public/private partnerships, initiatives for wider investment in buildings for community health

and wellbeing. We work with national sports federations, funding bodies and International Governments on sport venue strategies, and they do it all with a focus on increasing participation and economic and environmental sustainability.

<https://www.space-place.com/>

YES Energy Solutions



YES Energy Solutions is an award-winning Community Interest Company dedicated to reducing CO2 and alleviating fuel poverty.

They're a Community Interest Company committed to helping people and organisations save energy and money. With no shareholders to satisfy, they invest their profits into the communities they support – be it to establish sustainable energy projects, boost local employment in the energy saving sector, or offer sustainable solutions to the most vulnerable in society.

They run energy efficiency schemes on behalf of councils, housing associations and energy companies to provide funding, project management, advice and expert installations to tackle fuel poverty at its source.

<https://www.yesenergysolutions.co.uk/>