

RENEWABLE FUTURES & GREEN ENERGY AWARDS

CONFERENCE | EXHIBITION | AWARDS

ASSEMBLY ROOMS, BATH – 27 NOVEMBER 2019



The Net Zero Summit

Conference guide sponsors:



Dear colleague,

We are finally seeing an awakening to the climate emergency and the urgent need for action. The coming decade will be decisive in whether we can transform our economy and our energy system fast enough to make a difference.

We have the technologies, expertise and innovation to decarbonise our energy system. We have investors ready to deploy capital at speed and scale. Increasingly we have public support and recognition of the need for radical change. However, we know that we are moving much too slowly.

We have given Renewable Futures 2019 the strapline "The Net Zero Summit" to highlight our aim to use the event to bring together leading innovators, investors and policy makers to debate how we can turn net zero policy commitments into urgent action and unlock the capital needed to pay for the transformation.

I hope you enjoy the day.

Merlin Hyman

Chief executive, Regen



Renewable Futures: The Net Zero Summit

27 November 2019, Assembly Rooms, Bath

9.00	Registration, exhibition and networking
9.30	Chair's introduction Merlin Hyman , chief executive officer, Regen
9.35	Rt Hon. Wera Hobhouse , shadow cabinet member for climate emergency, environment and food, transport and candidate for Bath, Liberal Democrats
10.05	How can we transform our energy system fast enough to deliver zero carbon? Our legally binding zero carbon commitment has changed the level of ambition - but progress is still too slow, and the incumbent fossil fuel system remains resilient. This session will ask what the net zero delivery plan should look like; what are the key factors now shaping the market and what should the pioneering companies in the sector focus on right now? ▶ Mark Meldrum , director, energy platform, SYSTEMIQ ▶ Kevin Dibble , chief operations officer, business energy and services, ENGIE
10.35	Investing in a zero-carbon energy market: what are we waiting for? Investors have talked of a 'wall of money' ready to invest in the right solar, storage and EV charging projects. This session will examine whether investors are now comfortable with merchant risk, what is the risk profile and IRR that would unlock investment and how can we scale up to the level of investment reaching zero carbon requires? ▶ Angus McCrone , chief editor, Bloomberg New Energy Finance ▶ Massimo Resta , partner, Zouk ▶ Ben Irons , co-founder, Habitat Energy ▶ Monika Paplaczyk , investment manager, Thrive Renewables
11.20	Break and networking
11.50	CEO interview: Jo-Jo Hubbard , co-founder and chief executive officer, Electron Can distributed digital technology underpin the energy transition?
12.10	Climate emergencies: rhetoric or game changer? Climate emergency declarations by councils and regions has been one of the most striking features of 2019. Local government has a responsibility for planning policy, land and resources and access to investment, making them uniquely placed to enable projects. This session will examine what action the climate emergency rhetoric will lead to. ▶ Léonie Cooper , chair of the London Assembly Economy Committee and assembly member for Merton and Wandsworth, Labour and Co-operative Party ▶ Cheryl Hiles , director of Energy Capital, West Midlands Combined Authority ▶ David White , head of energy services, Bristol City Council ▶ Hazel Williams , head of delivery, Regen
13.00	Lunch and networking
14.15	CEO interview: Keith Anderson , chief executive, Scottish Power How can businesses lead the zero carbon journey?
14.50	Energy systems for the future Our energy infrastructure - the pipes and wires - is critical infrastructure for a zero-carbon future. As Ofgem and the networks gear up for a critical price control period, this session will examine how we can ensure the energy system supports the scale of change we need. ▶ Johnny Gowdy , director, Regen ▶ Bethan Winter , system operations manager, Wales and West Utilities ▶ Colm Murphy , head of electricity market change delivery, National Grid ESO ▶ Steve Atkins , DSO transition manager, Scottish and Southern Electricity Networks
15.45	Electric vehicles and the energy system Millions of electric cars and vans on our roads will be one of the most significant shifts in how we use energy to power society. How do we install smart charging infrastructure, make it easy for householders and ensure the network can cope? ▶ Conor Maher-McWilliams , head of flexibility, Kaluza ▶ Richard Hartshorn , EV readiness manager, Scottish and Southern Electricity Networks ▶ Helena Anderson , managing director, Ikigai Capital ▶ Mike Potter , chief executive officer and founder, DriveElectric
16.30	Conference ends
18.30	Drinks reception followed by the Green Energy Awards, hosted by Joe Sellman-Leava and with performance poetry by Matt Harvey



Triodos Bank

FREETHS

Scottish & Southern
Electricity Networks





Keith Anderson

Chief executive, ScottishPower

Keith is chief executive for ScottishPower and also sits on the ScottishPower Board, where he was appointed in February 2012. Keith has full responsibility for the company's activities in the UK, including the £5.3bn investment plan to 2022 designed to strengthen the position of the company as the Utility of the Future. Prior to joining ScottishPower, Keith had worked with some major financial institutions including The Royal Bank of Scotland and Standard Life, as well as working as a management consultant with Ernst & Young.



Helena Anderson

Founder and chief operating officer, Ikigai Capital

Helena founded Ikigai, a specialist energy transition advisory, bankability accelerator and C&I energy solutions financing platform, in December 2017, after two years at the UK Department for International Trade, where she was head of energy capital investment. At the Department for International Trade, she was responsible for shaping government policy-aligned, private sector-led, energy and integrated energy, transport and regeneration projects, businesses and technologies such that they became bankable and attracting international investment into those opportunities, working on a X-government and local authority basis.



Steve Atkins

DSO transition manager, Scottish and Southern Electricity Networks

Steve Atkins spent 17 years in finance performing a number of strategic roles before setting up his own renewables company where he first came across Regen as part of Ready For Retrofit scheme. He joined Scottish and Southern Electricity Networks in 2004 to manage their major commercial contracts and is now responsible for their DSO strategy, working closely with the ENA's Open Networks Project.



Léonie Cooper AM

Assembly member, Labour

Léonie Cooper AM chaired the Assembly's Environment Committee for 2016-18, and was deputy chair for 2018-20. Under her leadership, the Committee did ground-breaking work on single-use plastics. A report on domestic energy and fuel poverty led the London Mayor to produce London's first Fuel Poverty Action Plan. Since May, Léonie has chaired the Economy Committee, which has already discussed the skills required for the low-carbon economy, which was never previously considered.



Kevin Dibble

Chief operations officer, business energy and services, Engie

Kevin is chief operations officer for energy within ENGIE UK's business division, focussed on developing a distinctive energy and services offering for customers. Previously at ENGIE, he was director of strategy and communications, and before that, head of valuation and analysis. Kevin completed an MBA in Global Energy at Warwick Business School in 2014.



Johnny Gowdy

Director, Regen

With 25 years' energy industry experience, Johnny has a wide range of knowledge in both the conventional and sustainable energy sectors, covering oil and gas, renewable energy, offshore renewable energy, smart energy systems and energy storage. Johnny is currently developing Regen's market insight and advisory services in the areas of energy systems, flexibility and energy storage. He has led the development of Regen's energy system forecast capability, which is now being used by network operators and regional stakeholders to understand the future impacts of the energy transformation.



Richard Hartshorn

EV readiness manager, Scottish and Southern Electricity Networks

Richard has been involved in the inception and delivery of multiple innovative EV projects as part of the Future Networks team within Scottish and Southern Electricity Networks. He reviews the impacts of EV charging on the electricity network and the ability to influence charging to manage risks. As the EV readiness manager, Richard is assessing the opportunities and risks presented by EVs and shaping Scottish and Southern Electricity Networks' strategy to both mitigate and seize upon them, helping implement solutions that will facilitate customers transitioning to low carbon transport.



Cheryl Hiles

Director of Energy Capital, West Midlands Combined Authority

Cheryl has recently become the chief officer of Energy Capital, a public-private, smart-energy, innovation partnership for the West Midlands. The aim of Energy Capital is to make the West Midlands one of the most attractive locations for clean energy innovation by responding to the needs of the local manufacturing economy. Based within the West Midlands Combined Authority, who recently declared a Climate Emergency, Cheryl is working to identify routes to achieve net zero emissions, by aligning objectives and understanding the social, environmental and economic implications of decision making in relation to energy infrastructure.



Rt Hon. Wera Hobhouse

Shadow cabinet member for climate emergency, environment and food, transport and candidate for Bath, Liberal Democrats

Wera Hobhouse is the Liberal Democrat Spokesperson for the Climate Emergency. Wera was elected the MP for Bath in 2017. In parliament she has campaigned to stop Brexit and led a debate to ban fracking. She also introduced the bill to make upskirting a specific criminal offence.



Jo-Jo Hubbard

Chief executive and co-founder, Electron

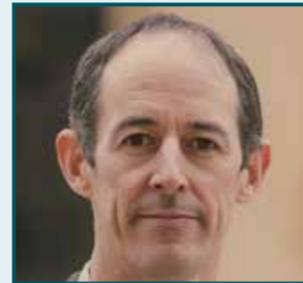
Jo-Jo is the CEO and co-founder of Electron, a London-based energy tech company combining distributed ledger (blockchain) technology and energy industry expertise to create the digital backbone for the modern energy marketplace. She is a frequent keynote speaker at energy and technology events, sits on advisory boards for several UK utilities on digital transformation and community trading models and writes for national publications on these topics.



Merlin Hyman

Chief executive, Regen

Merlin leads Regen's mission to transform how we generate, supply and use energy. He is a passionate advocate of a smart, decentralised, low carbon energy system based on renewable energy. He is an influential figure in energy policy, sitting on leading forums such as the BEIS and Ofgem Smart Systems Forum, while writing and presenting extensively on Regen's pioneering work. Merlin was previously director of the Environmental Industries Commission, where he worked in Whitehall and Westminster to ensure government support for British companies to succeed in the rapidly growing, worldwide market for low carbon products and services.



Ben Irons

Co-founder, Habitat Energy

Dr Ben Irons is a co-founder of Habitat Energy, a trading and optimisation service for grid-scale merchant battery storage and solar-plus-storage projects. Habitat is supporting many of the UK's biggest storage and solar developers and investors to identify revenue potential and bring new projects to market. Ben has previously held senior roles at Aurora Energy Research, Centrica and McKinsey & Co.



Conor Maher-McWilliams

Head of flexibility, Kaluza

Conor has been crucial in the development of Kaluza's technology. Driving the transition to a smart, zero carbon energy system, the Kaluza platform aims to securely coordinate and optimise millions of connected devices, including electric vehicles, heating systems and home energy storage batteries. As head of flexibility, Conor collaborates with energy traders, TSOs and DSOs to resolve grid challenges with flexibility, helping to realise the industry's goal of a sustainable renewable energy ecosystem. Conor has a PhD in Physics from University College London



Angus McCrone

Chief editor, Bloomberg New Energy Finance

Angus McCrone is chief editor of Bloomberg NEF. He has overall editing responsibility for the company's research on renewable energy, energy-smart technologies, advanced transport, gas and power. He works closely with BNEF's 170-strong team of analysts and researchers, and takes a particular interest in clean energy investment trends, project finance, institutional investment in renewables and marine energy. Before joining New Energy Finance at the start of 2007, Angus was a financial journalist for UK national newspapers for 18 years, writing extensively for the London Evening Standard, Sunday Times, Sunday Telegraph and The Scotsman.



Mark Meldrum

Director, energy platform, SYSTEMIQ

Mark Meldrum is a leader in SYSTEMIQ's energy practice, aiding SYSTEMIQ's mission to catalyse good disruptions to accelerate the shift to a sustainable economy. Mark leads work on power systems, hydrogen, building heating and cooling and finance for energy. Mark was formerly head of corporate strategy at National Grid, where he worked on topics including large-scale renewables, distributed energy, electric vehicles, digitisation of the energy system and interconnectors. Prior to National Grid, Mark was a manager at Bain & Company, where he led projects in oil & gas, utilities and industrial sectors. He holds an MBA from INSEAD and a Bachelor of Systems Design Engineering from the University of Waterloo in Canada.



Colm Murphy

Head of electricity market change delivery, National Grid ESO

Colm Murphy is head of electricity market change delivery for National Grid's Electricity System Operator. He is accountable for facilitating reform in the ESO's balancing services markets, and the industry codes and frameworks that underpin the wholesale and balancing markets. His team's remit is to ensure that the ESO have the tools and commercial arrangements in place to facilitate the transition to zero carbon grid operation. Colm's team is also responsible for the stakeholder-led Power Responsive programme, which helps facilitate the increased participation of flexible distributed energy and demand side response in the GB electricity balancing markets.



Monika Paplaczky

Investment manager, Thrive Renewables

Monika has been part of Thrive Renewables since 2007, joining the team while the company was managed by Triodos Bank. In her role as senior investment manager, Monika leads the originating, development, acquisition and construction of sustainable energy assets for Thrive Renewables. Monika also manages the commercial aspects of the portfolio, such as sourcing and negotiating power purchase arrangements. Before joining Triodos Bank, Monika worked in Edinburgh for a consulting company where she was involved in preparing business plans and grant applications for community development, biomass and grain storage projects.



Natalia Peralta Silverstone

Strategic partnerships manager, Octopus Electric Vehicles

Natalia looks after strategic partnerships and proposition development at Octopus Electric Vehicles. As part of the Octopus Group, they are focused on helping drivers and businesses to transition to electric transport by offering bundled solutions, including vehicle leasing, charging infrastructure and EV-tailored energy tariffs. She has spent her career in the start-up world, with the last five years focused on the electric vehicle industry. Previous to Octopus, she helped position and grow Pod Point, now one of the leading EV charging providers and network operators in the UK.



Massimo Resta

Partner, Zouk

Massimo joined Zouk in 2009 and is a partner in the infrastructure team. Massimo has over 20 years' experience in the banking, management consultancy and engineering sectors. At Zouk, he is responsible for the sourcing and execution of clean infrastructure projects. Massimo led the investment in Zouk's Italian solar portfolio on zSol, from investment through to construction, operation and successful exit.



Mike Potter

Chief executive and founder, DriveElectric

Mike Potter, CEO and founder of DriveElectric is a thought-leader and innovator, always exploring new and pioneering ways to support the UK's transition to ultra-low carbon transport. With over 25 years' experience in the fleet management and vehicle leasing industry, a passion for EV technology, Mike has been involved in pioneering research projects to investigate the effects of mass EV charging on the energy supply infrastructure. His company DriveElectric, has been delivering specialist services for the EV and plug-in market since 2009, including EV leasing, vehicle trials and driver engagement.

Speakers



Hazel Williams

Head of delivery, Regen

Hazel is responsible for Regen's project delivery, leading on resourcing, quality assurance and developing innovative new projects and programmes. Hazel leads Regen's public sector advisory services for local authorities and other public sector organisations, and is an expert in issues relating to planning for sustainable energy. She specialises in communicating data analysis in a digestible format, and is the lead author of many of Regen's analytical publications. Hazel has been working with local authorities on sustainability for over ten years, having joined Regen in 2008 from the South West Regional Assembly, where she worked on the development of the region's climate change action plan. Hazel holds a Master's degree with distinction in International Development from the University of Bath.



Bethan Winter

System operations manager, Wales & West Utilities

Bethan has over 20 years' experience in the gas industry, having joined Transco in 1997. She joined Wales & West Utilities in 2009 when control centre activities moved across from National Grid, and now heads up the system operation team. Her role includes ensuring WWU has robust processes, systems and competent people to operate the WWU gas networks, as well as having responsibility for long-term planning, future of energy, gas quality and distribution network entry.



David White

Head of energy services, Bristol City Council

Having qualified as a chartered accountant with Deloitte & Touche, David spent ten years working in the financial services sector before deciding to begin a new career in the energy sector. After completing an MSc in Renewable Energy and the Built Environment at the Centre for Alternative Technology and delivering a number of key energy programmes and projects, David now heads up Bristol City Council's Energy Service. David's leadership has been instrumental in delivering major energy and infrastructure projects for the city, including the building of Bristol's city centre heat network and the development and launch of Bristol Energy, one of the UK's first municipal energy companies.

25 YEARS OF INVESTING IN AND OPERATING SUSTAINABLE ENERGY... SEEKING PROJECTS FOR THE NEXT 25



Flexible finance for developers and communities

There are many ways to fund a project and we're pragmatic in our approach. We can structure our investment as pure acquisition, joint ventures or mezzanine loans. Our typical investment criteria are:

- Asset based projects using **proven technologies**
- Demonstrable sustainability and **positive impact**
- **£0.5 - £20 million** per investment
- Projects located in **UK and Ireland**

If you have a renewable or sustainable energy project seeking investment which matches our criteria, we want to hear from you:

0117 428 1850
info@thrivere Renewables.co.uk
www.thrivere Renewables.co.uk



THRIVE
RENEWABLES

Shortlisted Nominations 2019

Clean Energy Pioneer

Shortlisted nominations:

- ▶ Angela Terry
- ▶ Rosie Gillam
- ▶ Meleri Davies
- ▶ Giovanna Speciale
- ▶ Colin Baines

Community Energy Initiative

Shortlisted nominations:

- ▶ Ore Valley Housing Association
- ▶ South East London Community Energy
- ▶ Brighton and Hove Energy Services Co-op
- ▶ Bristol Energy Network
- ▶ Egni Co-op

Local Energy Leadership

Shortlisted nominations:

- ▶ Oxford City Council
- ▶ Devon County Council
- ▶ Yarlington Housing Group
- ▶ Wakefield Partnership

Clean Energy System Disruptor

Sponsor:
Wales & West Utilities

Shortlisted nominations:

- ▶ Orbital Marine Power
- ▶ Limejump
- ▶ Mixergy
- ▶ SolarEdge
- ▶ SGN
- ▶ Habitat Energy



Clean Energy Scheme

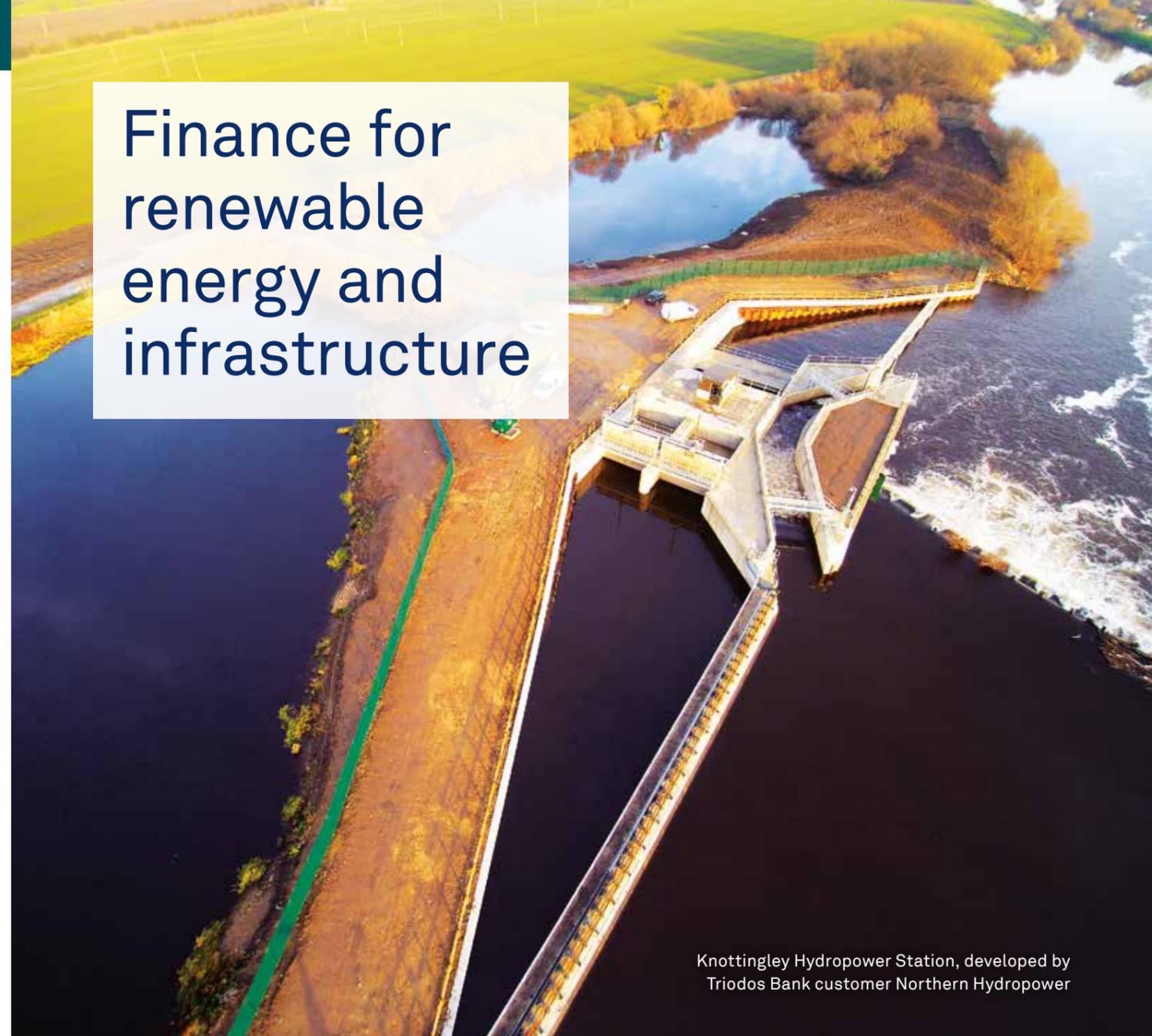
Sponsor:
Scottish and Southern Electricity Networks

Shortlisted nominations:

- ▶ Grid Service Scheme, EDF Energy and Powervault
- ▶ Low Carbon Dorset, Dorset Council
- ▶ Arsenal Battery Project, Pivot Power
- ▶ Cornwall Local Energy Market, Centrica
- ▶ The RSPB Sustainability Programme, Solarsense



Finance for renewable energy and infrastructure



Knottingley Hydropower Station, developed by Triodos Bank customer Northern Hydropower

All banks are not the same

For 25 years we've been financing projects benefiting people and planet.

To support the transition to a low carbon economy, we finance energy projects across the full range of technologies: from wind, solar and hydro to energy efficiency, energy storage and renewable heat.

Proudly supporting Renewable Futures and Green Energy Awards 2019.

triodos.co.uk/energy

Triodos Bank

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Triodos Bank UK Ltd adheres to the Standards of Lending Practice, which is monitored and enforced by The Lending Standards Board. Further details can be found at lendingstandardsboard.org.uk.

Workshops

OpenLV Hub

Regen and EA Technology are hosting an OpenLV hub in the Tea Room, sharing the lessons of the groundbreaking project which has given communities access to their local electricity data, and exploring the next steps in opening up the smart grid to communities.

We hope you can join us as we discuss what an open data platform is, what communities can do with this data, how they can use this data to work with their DNO, and where the OpenLV platform goes from here.

The hub will feature a brief introduction to OpenLV, followed by roundtable workshops during the afternoon where communities, project partners and Western Power Distribution will discuss their experience of the project, with opportunities for you to ask industry experts and other communities questions.

We hope you can join us.



Decade to Make a Difference round table sessions

As part of our mission to transform the world's energy systems for a zero carbon future, Regen is producing a series of 'Decade to Make a Difference' thought leadership papers. The papers will examine the radical step-changes that are needed to deliver transformative change across the energy system and what should be done in the next 10 years to put us on the right path to a net zero future.

We will be holding two round table sessions during lunch to gain stakeholder input for these papers:

- ▶ Decarbonisation of heat: the biggest challenge, sponsored by Wales and West Utilities
- ▶ Making a difference – how communities, cities and regions can lead the low carbon revolution, sponsored by Scottish and Southern Energy Networks

We would welcome your attendance and involvement in the discussions, which will feed into the final development of the papers before their launch in January 2020.

Innovation strategies round table session

Regen is working with the Energy Networks Association to update the strategies that guide network innovation. Innovation in our gas and electricity networks is playing a key role in the transformation of the energy system for a zero carbon future.

The energy networks do not have all the answers to the complex challenges we face, and partners are crucial to developing projects and suggesting new ideas. We will be holding a lunchtime round table session alongside an online consultation, to help shape these network innovation priorities.

We hope you can join us and be involved in the discussions.



Company Name	Location	Company Name	Location
Art and Energy	O	Triodos	I
Bristol Energy and Bristol City Council	J	Wales and West Utilities	H
BSR Group	F	Bath and West Community Energy	OpenLV Hub
Electricity Storage Network	N	Centre for Sustainable Energy	OpenLV Hub
Mixergy	C	EA Technology	OpenLV Hub
Osborne Clarke	G	Exeter Community Energy	OpenLV Hub
Regen	M	Owen Square Project	OpenLV Hub
SmartestEnergy	E	Rooftop Housing Group	OpenLV Hub
Scottish and Southern Electricity Network	K	Tamar Energy Community	OpenLV Hub
Stephens Scown	B	Devon Community Energy Network	1m Stand
SunGift Energy	A	Egni Co-op	1m Stand
Swanbarton	P	Microgrid Foundation	1m Stand
Thrive Renewables	D	Rural Community Fund	1m Stand
TLT	L	Solarsense	1m Stand

Art and Energy

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Art and Energy CIC is a collective of artists trying to find a way to use their skills to respond to the climate emergency. They approach the energy system through creativity, and work to make beautiful things that also give us green energy, acting as a celebration and an antidote to fear and anxiety about the future. New energy infrastructure is changing the places we live and many people don't like the look of it. We think that we can change that, creating installations that people want to live with.

Art and Energy

Bath and West Community Energy

OpenLV Hub

Bath & West Community Energy (BWCE) is an established community benefit society, run by its members, that has developed enough community renewables to meet the equivalent annual demand from around 4,000 homes. BWCE distributes its surplus to support local community action and offers its members a fair return on their investment. BWCE is also developing new community led approaches to doing business on energy, including pilot projects looking at demand side response and peer to peer trading.



Bristol Energy and Bristol City Council

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Bristol City Council has invested over £50m in low-carbon technologies and has become the first UK council to declare a climate emergency, with a target to become carbon neutral by 2030. Working in partnership with its own supply company, Bristol Energy, the council will now deliver £1bn of further green investment through its new City Leap initiative – delivering a cleaner, greener, healthier Bristol.



BSR Group

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BSR Group is a leader in the low carbon industry, developing and building utility-scale solar and energy storage projects in the UK and internationally. They are experts in the industry, offering a turn-key EPC solution to deliver projects, creating value for businesses and industry in a safe, ethical, transparent and responsible way to support a smart, low carbon energy grid.



Centre for Sustainable Energy

OpenLV Hub

Centre for Sustainable Energy (CSE) is an independent national charity that shares their knowledge and experience to help people change the way they think and act on energy. They do this by giving advice, managing innovative energy projects, training and supporting others to act, and undertaking research and policy analysis. As part of OpenLV, CSE has been working with seven community organisations to look at how access to LV substation data can help to bring about local benefits.



Devon Community Energy Network

1m Stand

Devon Community Energy Network is for community energy groups in Devon and the south west to share knowledge and expertise, and collaborate in a transparent way to make our decarbonised, democratic and decentralised energy projects happen. It is open to anyone interested in community energy, including individuals, sustainability groups, local authorities and local businesses.



EA Technology

OpenLV Hub

OpenLV is a ground-breaking project that's making local electricity data openly available to communities and businesses alike. The OpenLV project is led by EA Technology and will be delivered in partnership with Western Power Distribution. EA Technology is an employee-owned organisation offering high-tech instruments, software, electrical services and technical consultancy to the operators of power networks around the world. Through its Smart Interventions division it delivers innovative end-to-end solutions to enable electricity networks to transition to a net zero world.



Egni Co-operative

1m Stand

Egni Co-op develops rooftop solar in Wales. They generate clean energy, enabling sites to take action on climate change and be more financially stable. Through Egni's share offer, they also give people the chance to invest their money towards a more sustainable future and get a fair rate of return.



Electricity Storage Network

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The ESN was established in 2008 as the UK industry group dedicated to electricity storage. It includes a broad range of electricity storage technologies and members, such as electricity storage manufacturers and suppliers, project developers, users, electricity network operators, consultants, academic institutions and research organisations. The ESN is committed to creating an environment in which storage can flourish, ensuring that regulations and markets work for all types of storage, without favouring any particular technology.



Exeter Community Energy

OpenLV Hub

Exeter Community Energy is an innovative social enterprise that enables local people to take ownership of renewable energy and energy saving projects. As a community-owned organisation, they want to benefit the city, its people and the environment. One element of this is sharing the financial benefits between shareholders, a fund for community projects and investment in further energy projects.



Microgrid Foundry

1m Stand

The Microgrid Foundry is a new community energy fund established to incubate renewable energy schemes with UK housebuilders. The initiative welcomes any registered society seeking to support low carbon new-build housing in their area, and is member owned.



Mixergy

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Mixergy is a cleantech company that sell smart, cloud-connected hot water tanks that perform like batteries, charging from 0-100% allowing low-cost/carbon energy storage for consumers and scalable virtual energy storage for utilities. Mixergy is the only water cylinder company approved to offer grid services to the National Grid.



Osborne Clarke

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Osborne Clarke has been active in the energy market for over 25 years. They have the insight and expertise to provide sector-relevant and tailored legal advice across the range of renewable, flexible generation and smart energy projects including wind, solar, landfill gas, biofuels, energy from waste, energy efficiency, demand side response, storage and hybrid schemes.



OpenLV Hub

OpenLV Hub

The OpenLV Project is trialling an open software platform for electricity substations that can monitor substation performance and electricity demand. The LV-CAP™ platform is designed to integrate with third-party products to enable network control and automation, and increased customer participation in network management. The platform will host applications provided by a diverse set of developers, such as community groups, businesses and universities, providing a variety of services to network operators, communities and the wider industry.



Owen Square Community Energy

OpenLV Hub

Owen Square Community Energy cooperative is a member-based local energy supply company jointly operated by Easton Community Centre, local energy group Easton Energy Group and Bristol-based microgrid developer CEPRO. They have brought together the brightest minds in renewable energy to develop the UK's most complete demonstration of the coming energy transition from fossil fuels to renewables.



Regen

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Regen passionately believes that sustainable energy has a vital role at the heart of a successful economy and thriving local communities. Regen is an independent not for profit that uses expertise to work with industry, communities and the public sector to revolutionise the way we generate, supply and use energy.



Rural Community Energy Fund

1m Stand

The Energy Hubs are delivering the £10 million Rural Community Energy Fund enabling rural communities to take ownership of the energy challenges facing them. The fund provides grants to support communities in rural locations to develop their energy projects.
Stage 1 Feasibility < £40,000 for feasibility
Stage 2 Business Development & Planning < £100,000



SmartestEnergy

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SmartestEnergy has been a trusted partner of independent generators since 2001. With a 3.2 GW portfolio of over 800 generation sites, they are experienced in providing flexible, commercially minded solutions to help energy entrepreneurs secure the maximum value from their asset.



Scottish and Southern Electricity Networks

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Scottish and Southern Electricity Networks is responsible for maintaining the electricity networks supplying over 3.7 million homes and businesses across central southern England and north of the central belt in Scotland 24/7, 365 days a year. We own and operate two electricity distribution networks, comprising 106,000 substations and 130,000 km of overhead lines and underground cables across one third of the UK. We serve communities from the Shetland Islands to the Isle of Wight and Portsmouth to Aberdeen.



Solarsense

1m Stand

Solarsense supply UK homes and businesses with a range of turn-key renewable energy solutions that deliver financial savings, carbon reductions and energy independence. Since being founded in 1995, Solarsense has completed more than 14,000 clean energy installations and is responsible for powering some of the UK's leading organisations.



Stephens Scown

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Stephens Scown's energy team has just celebrated its 10th anniversary advising the energy sector on a wide range of projects across multiple technologies, providing expert legal advice to developers, funders, community energy groups, government, local authorities and other organisations. Our experienced legal team have specialist technology knowledge, meaning we speak your language and can provide legal advice throughout England and Wales. The head of the energy team, Sonya Bedford, has been awarded an MBE for her services to community energy, and last year won a trio of energy industry awards. Our experience, expertise and passion mean we work on leading renewables projects across all technologies, as well as being grid experts. Visit our stand to find out how we can help you realise your energy projects.



SunGift Energy

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SunGift Energy are award winning experts in the design, installation and maintenance of bespoke renewable energy systems for both commercial and domestic customers. We design, install and service solar PV, energy storage, EV charging infrastructure and LED lighting systems. SunGift Energy's no-obligation surveys and design proposals are conducted to the highest possible standards.



Swanbarton

P

The original energy storage consultancy. We are a mix of engineers and analysts with skills in storage technologies, control systems, commercial analysis, energy industry regulation, innovation, product development, planning and project management. Our work is typically bespoke, working with our clients to best serve their needs.



Tamar Energy Community

OpenLV Hub

We provide advice and support to encourage renewable generation and reductions in energy use to support transformative change in local energy, benefit the local economy and reduce fuel poverty. We have installed 325 kW of community solar and are an OpenLV pilot. Come and see us if you want to know more or would like to work with us.



Thrive Renewables

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Thrive Renewables is a renewable energy investment company, established 25 years ago with the mission to power the UK's transition to a sustainable energy future by helping people connect with clean energy projects. We provide funding to medium-scale sustainable energy projects and are always on the lookout for new investment opportunities which meet our criteria. We invest in, construct and operate renewable energy projects ourselves, and help plug funding gaps by providing loans and co-investing in joint ventures with communities or developers.



TLT LLP

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TLT is a full service law firm built around the needs of its clients. We support some of the UK's major institutions, high growth businesses and well-known brands including a number of FTSE 100 clients. We have been advising clients in the clean energy sector for more than 20 years and we are one of only a few UK law firms with the specialist expertise to advise on all aspects of clean energy projects across the range of technologies and project life-cycle. We have a reputation for innovation and a track record of working with some of the most entrepreneurial companies in the sector, often advising on "first of a kind" projects, including projects combining multiple technologies, energy storage, and electric vehicles and their associated charging infrastructure. TLT was ranked one of the top five most active legal advisers to the global clean energy sector over the last three years, according to Clean Energy Pipeline, and our clean energy team was commended in the Times inaugural Best Law Firms 2019.



Triodos Bank

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At Triodos Bank, we believe that profit doesn't need to be at the expense of the world's most pressing environmental problems. That's why we finance organisations from organic food and farming businesses and pioneering renewable energy enterprises, to recycling companies and nature conservation projects. Triodos connect savers and investors who want to change the world for the better with entrepreneurs and sustainable companies doing just that. We are the only specialist bank to offer integrated lending and investment opportunities for sustainable sectors in a number of European countries.



Wales & West Utilities

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At Wales & West Utilities we keep 7.5 million people safe and warm, with a gas supply they can rely on and a level of service they can trust. We're working hard to innovate for customers and tomorrow – providing outstanding service and delivering a net zero energy system that is secure, affordable and sustainable.



Join us

Our members help us to be a strong, informed and independent force for change. Together we can decarbonise, decentralise and democratise our energy system.

www.regen.co.uk/membership/membership-benefits

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