



# GREEN ENERGY AWARDS 2022

Headline sponsor:



# The Green Energy Awards 2022

I am delighted that the Green Energy Awards are returning for 2022 to celebrate the innovative technologies, pioneering companies and exceptional individuals revolutionising the UK's energy system.

The awards ceremony is Regen's celebration of the outstanding and vital work that you, our friends and partners, do to lead the way to a zero carbon and secure energy system. My congratulations to all of the nominees for your inspiring achievements.

Enjoy your evening.

Merlin Hyman, chief executive, Regen

## Our headline sponsor

As the UK's leading independent consultancy focussed entirely on achieving timely grid connections at least cost and risk, Roadnight Taylor's engineers and consultants bring together over 70 years of stellar network experience to deploy an unrivalled combination of technical, commercial, and regulatory grid expertise – wielded with the emotional intelligence necessary to bring the best out of clients and network operator colleagues alike.

[www.roadnighttaylor.co.uk](http://www.roadnighttaylor.co.uk)

**Roadnight Taylor**

THE INDEPENDENT SPECIALIST GRID CONSULTANCY



The awards are again designed and handcrafted from recycled glass by Devon-based artist Siddy Langley.

# Tonight's schedule

**18.00 Drinks reception and Green Energy Exhibition**  
Serving Polgoon Vineyard sparkling elderflower wine

**19.15 Call for dinner**

**19.25 Welcome**  
Hannah Stanley, events manager, Regen  
Merlin Hyman, chief executive, Regen  
Hugh Taylor, chief executive, Roadnight Taylor

**19.40 Starter and main courses**  
Goats cheese, pickled beetroot, pea shoots,  
toasted pecans, honey mustard dressing  
Wild mushroom and butternut squash filo,  
caramelised red onion, curly kale

**20.40 Introduction from the host**  
Joe Sellman-Leava

**Awards presentations**  
**Clean Energy Scheme**  
Sponsored by TLT  
**Whole Energy System Innovation**  
Sponsored by GA Energy

**Poetry Recital**  
Matt Harvey

**21.25 Dessert and coffees**  
Baked apple & cinnamon crumble tart  
with mascarpone mousse

**21.40 Awards presentations**  
**Community Energy Initiative**  
Sponsored by Western Power Distribution  
**Local Energy Leadership**  
Sponsored by Scottish and Southern Electricity  
Networks  
**Net Zero Energy Developer**  
Sponsored by Foot Anstey  
**Net Zero Energy Pioneer**  
Sponsored by EQUANS

**22.30 Drinks in the Card Room Bar**



## Our host – **Joe Sellman-Leava**

Joe is a writer, actor and producer. His work for stage includes *How to Start a Riot* and *Monster*.

His first solo show, *Labels*, won five international theatre awards, including the prestigious Scotsman Fringe First, and toured across four continents from 2015 to 2020. Joe also writes for television and film, with current projects ranging from pre-school animated series to short films and a new fantasy series! This year, Joe's new play *Fanboy* – a love-hate letter to pop-culture and nostalgia – will premiere at Edinburgh Festival Fringe.



## Our Poet – **Matt Harvey**

Poet, lyricist and columnist Matt Harvey has been a familiar voice on Radio 4 since 2001. He served seven years as a regular poet on *Saturday Live*, co-starred

in *One Night Stanza* and hosted two series of *The Wondermentalist Cabaret*. He also created the unlikely superhero *Empath Man*. For years he wrote the *Desktop Poetry* slot in the *Guardian* and a *Qwerty Something* column for *Resurgence Magazine*. Books include *Where Earwigs Dare*, *Mindless Body Spineless Mind*, *Sit!* and *The Element in the Room* – energy-inspired poems written while *Poet-in-Residence* with *Regen* – for which he was nominated for a P.E.A. Award. *H Ain't Heavy*, poems inspired by *Green Hydrogen* commissioned by *ITM Power*, will be out very soon, and another collection, *Careless Whisker*, comes out this Summer.

# Tonight's menu

**We hope that you enjoy your dining experience tonight.**



Tonight's menu is entirely vegetarian and promotes an ethos of sustainable dining and low environmental impact.

Our caterers, Searcys, have been awarded with a three-star Food Made Good accreditation from the Sustainable Restaurant Association and champion themselves on the quality and sustainability of their menu. Our menu tonight has been chosen based on the seasonality and local provenance of the ingredients, this includes the fresh fruit, vegetables and dairy, all of which are sourced from within 48 miles of the venue.

The ideology of sustainable dining runs through to Searcys drinks and beverages, with all tea and coffee ethically sourced from a organic cooperatives and family-run estates.

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## Our meal tonight:

- 🟡 **Starter:** Goats cheese, pickled beetroot, pea shoots, toasted pecans, honey mustard dressing
- 🟡 **Main:** Wild mushroom and butternut squash filo, caramelised red onion, curly kale
- 🟡 **Dessert:** Baked apple & cinnamon crumble tart with mascarpone mousse

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**This menu has been sponsored by Thrive Renewables.**



Thrive Renewables is a renewable energy investment company, established in 1994 with the mission to power the UK's transition to a sustainable energy future by helping people connect with clean energy projects. Thrive Renewables provide funding to medium-scale sustainable energy projects and are always on the lookout for new investment opportunities which meet their criteria.

Thrive Renewables invest in, construct and operate renewable energy projects themselves, and help plug funding gaps by providing loans and co-investing in joint ventures with communities or developers.

# Clean Energy Scheme



## Hydro Ness, Highland Council

Utilising historical infrastructure of a disused hydro scheme, this flagship Archimedes screw project will generate and supply over 500,000 kWh of green electricity annually to the nearby Inverness Leisure Centre. This will offset the organisation's reliance on grid-supplied electricity and help reduce the councils' carbon footprint by 142,000 kgCO<sub>2</sub> emissions annually.



## Energy Superhub Oxford

Energy Superhub Oxford is an integrated approach to decarbonising power, transport and heat to help Oxford reach net zero by 2040. Utilising rapid EV charging, hybrid battery storage, low carbon heating and smart energy management, the project aims to save 10,000 tCO<sub>2</sub> emissions per year once fully operational, rising to 25,000 tCO<sub>2</sub> emissions by 2032.



## Clean Maritime Projects, University of Plymouth

The Clean Maritime agenda has enabled many key activities over the past two years such as full-electric ferries and the installation of electric infrastructure for vessels in Plymouth Sound. With significant interest from across the UK and internationally, Clean Maritime Projects support numerous areas to understand how the move to electric is a viable option.



## Project PACE, Scottish Power Energy Networks

Project PACE delivered a strategic network of public EV chargers, making effective use of the existing electricity network. By designing the location of chargers based on the network and levels of energy use, it created a smart approach to public EV infrastructure. This resulted in an additional 360% charging capacity, enabling the charging of around 5,000 more EVs.



## Avon Fire and Rescue Service, Solarsense

Avon Fire and Rescue Service was selected as one of the UK's climate leaders by the Cabinet Office in the lead up to the COP26 conference. Combining a range of integrated renewable technologies across five sites in the south west, the Avon Fire and Rescue Service clean energy project will generate carbon savings of more than 127,117 kg per year and benchmarks the Fire and Rescue sector in the UK's Net Zero journey.



# Whole Energy System Innovation



## Urban Electric Networks

Urban Electric has developed and successfully piloted the UEone, the world's first retractable chargepoint, a revolutionary way to tackle the issue of home charging. Each hub will provide the annual charging needs for 60 EVs at 40% utilisation, leaving the streetscape clutter and obstruction-free. UEone is achieving average network uptimes in excess of 99.5% thanks to its robust and unique swap-out design.



## RheEnergise

RheEnergise is turning small hills into batteries with High-Density Hydro®, an innovative energy storage solution based on one of the oldest forms of energy storage: pumped hydro storage. Using fluid formulated from waste products from other industries and with its space-conscious design, High-Density Hydro is low cost, quick to build and rapidly scalable.



## KrakenFlex

KrakenFlex is at the forefront of a digital revolution to maximise the benefit of renewables. This Distributed Energy Resources Management System bridges the gaps between asset owners, energy traders, utilities and network operators. Rapidly growing, KrakenFlex supports over 370 MW of distributed energy resources, including the largest battery portfolio in Dynamic Containment markets.



## Zap-Map

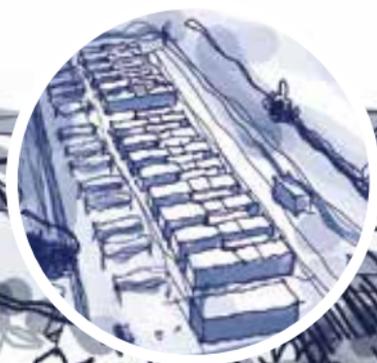
Zap-Map's mission is to accelerate the shift to EVs and zero-carbon mobility. The easy-to-use Zap-Map app helps EV drivers search for available charge points, plan longer electric journeys, pay for charging and share updates with other EV drivers.



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**Unrivalled  
expertise  
dedicated to  
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# Community Energy Initiative



## Brighton Energy Co-op

Brighton Energy Co-op has installed over 80 solar arrays, providing returns to local individuals, local jobs and most importantly, contributing to their Community Fund. This fund has gifted solar arrays to community groups, supported clean energy initiatives and funds their solar education programme for schools in collaboration with the Energy Sparks charity.



## Harbury Energy Initiative

Harbury Energy Initiative has organised measures including a 19 kW battery and generation monitor for the village hall PV array, a 12 kWp PV installation and LED lighting for the school and Scout Hut and a range of insulation measures. In addition, the group has spawned several other organisations, including Harbury e-Wheels and the Low Carbon Warwickshire Network.



## Exeter Community Energy

Along with significant renewable generation sites, which have prevented 67.3 tonnes of CO<sub>2</sub> emissions in 2021, Exeter Community Energy has created the Healthy Homes for Wellbeing scheme. This scheme helps those far beyond the reaches of Exeter to fight their way out of fuel poverty. So far it has assisted 2,590 homes in 2021, saving the clients an estimated £1.3 billion. The support network now includes over 750 key workers and receives over 80 new referrals each month.



## South Denbighshire Community Partnership

South Denbighshire Community Partnership has supported the development of a community-owned hydro scheme, which has supplied 62% of their electricity usage and resulted in a reduction of 29 tCO<sub>2</sub> emissions. In addition to this, the partnership is developing a fleet of community EVs and is working with residents to understand and reduce their energy bills.



## Bath and West Community Energy

Bath and West Community Energy has 35 MW of new solar schemes under active development for 2022 and have worked alongside other community energy organisations, supporting them to raise £8 million and install a further 13 MW of renewable energy generation. Their current projects reduce carbon emissions by around 3,250 tCO<sub>2</sub> emissions per year and retain over £600,000 per year within the local economy.

# Local Energy Leadership



Scottish & Southern  
Electricity Networks



## Greater Manchester Combined Authority

Greater Manchester Combined Authority's strong portfolio of policies and projects have put them on target to reach their goal of becoming carbon neutral by 2038. Initiatives include delivering energy efficiency measures for the worst performing homes, investing in innovation and new business models and developing renewable energy generation.



## Energy Capital at West Midlands Combined Authority

Energy Capital are delivering key aspects of a five-year plan to realise net zero across the region by 2041. This initiative comprises multiple projects including a SMART retrofit Hub through which 294,000 houses will be retrofitted for energy efficiency and 292,000 houses retrofitted for heating by 2026. The initiative also includes an innovative programme to foster 'Net Zero Neighbourhoods'.



## Essex County Council

Essex County Council has committed £200m to 'Everybody's Essex', a programme of activities designed to deliver net zero across its operation by 2030 and the whole county by 2050. The programme includes renewable energy generation, retrofit development, EV infrastructure and bioenergy, leading to 9,800 MWh savings per year from LED streetlighting, as well as 1,900 MWh additional renewable generation and 1,500 green tariff switches.



## Cornwall Council

Cornwall Council committed to the aim of generating 100% of Cornwall's electricity from renewable sources and striving to become carbon neutral by 2030. This is supported by their Climate Emergency Development Plan, establishing planning policy for renewable generation and building upon a 10 MW portfolio of solar and wind which has generated approximately 37% of the county's electricity demand to date, saving approximately 44,000 tCO<sub>2</sub> emissions.



## Portsmouth City Council

Portsmouth City Council has a Home Energy and Water Strategy in place, alongside a Climate Emergency Strategy that both highlight the requirement for all of the work the council does to support the aim to reach net zero carbon by 2030. Over the past year, Portsmouth City Council has installed £9 million worth of energy efficiency measures in domestic properties and £6 million across its non-domestic buildings portfolio, generating total carbon savings of more than 220 tonnes per year.

# Net Zero Energy Developer

FootAnstey



## Blueprint

Blueprint is a sustainable home and workspace developer, that specialises in low-energy, designed developments using the UN's recognised 'Footprint' methodology to ensure sustainability in its broadest sense. Blueprint's flagship project, Trent Basin, includes 81 low energy homes, a 2.1 MWh community battery, smart data Energy Centre and a 200 kWp distributed community solar PV.



## Voltalia UK

Voltalia is a large-scale solar and battery energy storage developer, the entirety of whose development portfolio is deliverable by 2026. Their pioneering public sector power purchase agreement with the City of London Corporation enabled the development of the unsubsidised 50 MW South Farm Solar project in Dorset, construction of which started in 2021 during the Covid 19 pandemic and time of extreme market volatility.



## Eden Geothermal

Eden Geothermal maximises existing renewable energy sources to achieve net zero. Their geothermal plant, developed this year, will initially deliver 3 GWh of gas savings and 550 tCO<sub>2</sub>e per year. The construction of the 5 MW CHP power station will then supply heat to the Eden Project and export enough baseload renewable electricity for a further 7,000 houses.



## GRIDSERVE Sustainable Energy

GRIDSERVE is a sustainable energy solutions provider whose delivery of a wide range of renewable energy developments includes hybrid solar and battery farms, a nationwide electric vehicle charging infrastructure and EV leasing service. Together these developments are the foundation of its 'Sun-to-Wheel' ecosystem, creating a direct relationship between sustainable energy generation, distribution and consumption.



## Blue Gem Wind

Blue Gem Wind is an offshore wind developer, whose ambitious development projects have helped to put the Celtic Sea back on the map for renewable energy generation. Project Erebus will be the region's first floating offshore wind farm delivering 100 MW and will become the world's largest floating offshore wind project with the largest wind turbine installed on a floating platform.



## Octopus Energy

Octopus Energy is an energy group whose renewables arm has a £3 billion global portfolio of over 300 solar, onshore wind and biomass projects and is investing £3 billion in green hydrogen plants. Octopus has also built a £10 million Electrification of Heat Centre to support the government in hitting its target of 600,000 heat pump installations a year, by training 1,000 engineers each year.



## Graham Cooley

Graham has developed ITM Power into one of the leading forces in the green hydrogen market. As well as being an excellent spokesperson for the company, Graham is working to break down boundaries, creating pathways for people from all backgrounds into the renewables industry and green hydrogen space.



## Nicola Waters

Nicola has built not one but two green energy companies from 10 to over 100 people. Her transition from developing clean energy assets to services, and then to the digital integration of those assets, tracks the journey of the clean energy industry over the last 15 years, albeit a few years behind her. She is a tireless doer, an unstoppable force, and a breath of fresh air.



## Emily Hinshelwood

As the volunteer co-founder and Creative Director, Emily brings creativity and drive to Awel Aman Tawe charity. Her work within Awel Aman Tawe is tireless and broad, from managing the Arts and Climate Change programme, developing climate change poetry books, organising energy events and even leading a project to develop a zero carbon arts, enterprise and education centre. Emily has been an innovative driver for change and a leader for good.



## Miranda Cumberbatch

Miranda is a champion of energy efficiency, who has quietly been developing teams, project managing, and building partnerships across Nottinghamshire. Her work in the fuel poverty and retrofit space has resulted in 18,000 energy efficiency measures, the upskilling of 3,600 trained professionals and the retrofit of 3,500 concrete home. Miranda is a dedicated and enthusiastic member of our sector.



## Caroline Carroll

Caroline is a pioneer and champion of the clean tech sector in Cornwall and a leading force in Cornwall Council. Caroline has been tenacious and ingenious in her efforts to bring extraordinary projects to Cornwall; helping to secure funding, promoting Cornwall's abilities and sectors, and supporting the development of Cornwall's industrial and net zero strategy.



## Matthew Rhodes

Matthew is a mission-led pioneer, founder of Encraft consultancy and co-founder of West Midlands Energy Capital. Through his work as chair of Energy Capital and as a consultant, Matthew has played a pivotal role in energy governance, working with energy infrastructure providers, innovators and the public sector to help them realise their value and provide solutions to the barriers to a net zero future.

# OVER QUARTER OF A CENTURY FUNDING CLEAN ENERGY PROJECTS

WIND, SOLAR, STORAGE, RENEWABLE HEAT, HYDRO AND GEOTHERMAL.



## Flexible, collaborative funding for your project

### Sale and acquisition

If it aligns with our investment principles, we can complete an outright purchase of your clean energy project, allowing you to move onto your next opportunity.



### Mezzanine Loans

Some developers may not wish to sell a project in its entirety, in which case we can provide a mezzanine loan to plug the funding gap.



### Joint ventures

Two heads are sometimes better than one and we embrace a collaborative spirit. Thrive will consider joint venture and co-investment opportunities with suitable partners.



### Funding partnerships

Bring a pipeline of clean energy projects to us and, if they meet our criteria, we will be happy to agree a long-term package of funding.



### 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**



## WE'RE ALWAYS LOOKING TO EXTEND OUR PORTFOLIO,

SO PLEASE GET IN TOUCH WITH US IF YOU ARE LOOKING FOR FUNDING.



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www.thrivenewables.co.uk | Tel. 0117 428 1850

@Thrive\_R /thrive-renewables



# Our Judges



## Carolina Tortora

Carolina heads the Department of Innovation Strategy for National Grid's System Operator, for both Gas and Electricity. Prior to this, Carolina held a similar position in Rome at the Italian TSO, Terna Spa. Carolina splits her time between National Grid ESO, and her husband Luca and their son, Matteo.



## Lord Robin Teverson

Robin speaks on energy, climate change and biodiversity issues in the House of Lords and has previously chaired the House's EU Environment select committee. He also chairs the battery storage development company Aldustria Limited. Robin lives with his wife in Cornwall and they have two daughters.



## Suzanna Hinson

Suzanna works across several of the workstreams at the Green Finance Institute and has a background in energy policy. Her previous roles have included positions at House of Commons Library, the Department for Business, Energy and Industrial Strategy (BEIS) and the Committee on Climate Change.



## Catherine Cleary

Catherine is a Grid Connections Specialist at Roadnight Taylor, before which she headed up the grid connections function at GRIDSERVE. Catherine has provided technical expert support to Ofgem in their reviews of electrical connection costs, connection offers and other processes and standards over several years.



## Sarah Jarman

Sarah is the Director of Grants and Development for the MCS Charitable Foundation and a professional fundraiser, raising transformational philanthropy for environmental and health projects. Sarah is passionate about reducing the impact we have on our planet through energy efficiency and adoption of micro renewable technologies.



## Neil Kenward

Neil is Ofgem's Director for Strategy and Decarbonisation, before which he headed up the Energy and Environmental policy and spending at HM Treasury. Prior to this Neil held a range of energy, economic, and strategy roles across the UK government, including running the Foreign Office economics network, and head of Globalisation and Emerging Markets in the Treasury.

# Our sponsors

## EQUANS



EQUANS brings together ENGIE UK & Ireland's services-led activity under a new brand. EQUANS supports its customers by mobilising its expertise to provide low-carbon energy solutions that offer cutting-edge technology and FM services and transformative regeneration in the UK & Ireland.

[www.equans.co.uk](http://www.equans.co.uk)

## GA Energy



GA Energy is a niche energy law service, providing legal advice across all aspects of renewable energy projects; they are passionate about the energy sector and committed to adding value to their clients' projects. The team has extensive experience acting for the UK and International players working on projects throughout the UK across various technologies.

[www.gasolicitors.com/commercial-law/ga-energy](http://www.gasolicitors.com/commercial-law/ga-energy)

## Foot Anstey



Foot Anstey LLP is a leading national law firm, with a core sector focus on Energy and Infrastructure. The teams have an enviable track record in energy storage, large scale solar deployment and, over the past 2-3 years, extensive work in the EV/sustainable transport sector.

[www.footanstey.com](http://www.footanstey.com)

## Scottish and Southern Electricity Networks



As a DNO, SSEN is responsible for developing, operating and maintaining the electricity distribution network in two license areas. Our core purpose is to deliver electricity that powers communities safely and reliably. This is achieved through responsible stewardship of our networks, keeping the lights on, and investing efficiently in new and existing network infrastructure.

[www.ssen.co.uk](http://www.ssen.co.uk)

## TLT



As a leading advisor to the global energy sector, TLT has built an unrivalled track record delivering what our clients need so that they can lead the journey to net-zero and a more sustainable future. TLT was ranked one of the most active clean energy advisers in the world for the fifth consecutive year by leading trade publication Clean Energy Pipeline in 2020.

[www.tltsolicitors.com](http://www.tltsolicitors.com)

## Western Power Distribution



WPD is responsible for delivering electricity to approximately 8 million homes and businesses across the Midlands, South West and South Wales. WPD invest £1 billion into our network every year. We are committed to creating a smarter, more efficient energy system for customers and helping the UK achieve net-zero through our industry-leading innovation programme.

[www.westernpower.co.uk](http://www.westernpower.co.uk)

# Join us

We are an independent not-for-profit that uses our expertise to work with industry, communities and the public sector to revolutionise the way we generate, supply and use energy.

[www.regen.co.uk/membership/membership-benefits](http://www.regen.co.uk/membership/membership-benefits)

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