



**REA**

Tuesday, 26th January 2021

**#BritREAwards**

## 2020 British Renewable Energy Virtual Awards

Celebrating the 'Best of British' renewable energy and clean technology

Organised by

**REA**

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#BritREAwards

15<sup>th</sup>

# British Renewable Energy Awards

## 'virtual event'

### The Awards

#### Categories

- Smart Energy System Award**
- Community Award**
- Low Carbon Transport Award**
- Customer Service Recognition Award**
- Sustainability Award**
- Project Award**
- Innovation Award**
- Pioneer Award**
- Financial Leadership Award**
- Installer Award**
- Communications Award**
- Young RE Professional Award**
- Leadership Award**
- Company Award**
- Judges' Award**



**Our Awards Host**  
**Mike Ramsden**  
**Former BBC News**  
**presenter and**  
**broadcast journalist**

**Smart Energy System Award** - for a system that supports the roll-out, or take-up, of renewable energy and energy storage whilst enhancing value and usefulness.



Britain's energy landscape is changing, and new smart technologies are changing the way we interact with the energy system. Our Open Networks project is transforming the way our energy networks operate.



OnGen's in-house software, the OnGen Expert™, assesses the feasibility of onsite renewables and low-carbon technologies to provide an optimised solution with the best cost and carbon savings. Compared to traditional consultants conducting feasibility assessments, the OnGen Expert™ provides time and cost savings, helping increase accessibility and deploy renewables at a quicker rate.

**Community Award** - for a community group which has been active in developing a renewable energy project or programme of installations in their area during 2018.



Egni Sir Gâr is a community benefit energy society in Carmarthenshire, South Wales.

The scheme installed solar PV on council owned buildings, including schools and a special education centre. At the Egni Sir Gâr 2020 AGM members voted for all interest payment for the year (the surplus from the feed in tariff after operating costs but prior to financing costs) to be dedicated to local food banks due to the impact of COVID-19 on the local community. £42,300 immediately benefited local foodbanks - the highest payment per megawatt of installed solar for any community benefit society or commercial solar farm in the UK.



Ferry Farm Community Solar Ltd is a not-for-profit community energy enterprise which serves the communities of Selsey and Sidlesham in West Sussex. The scheme includes a 5MW solar array at Ferry Farm on the outskirts of Selsey which is expected to generate up to £2million to support local community projects over its lifetime. The renewable power project began generating electricity in 2016 and is expected to generate 5.4 million kWh of green energy every year for 25 years or more. To date it has delivered more than £135,000 in grant funding to the local community.

**Low Carbon Transport Award** - recognising quality, commitment and innovation in low carbon vehicles - cars, vans, buses, road freight or on farm vehicles, powered by clean electricity or sustainable biofuels - and alternative vehicle fuels.



GENeco is an award-winning, innovative, recycling and renewable energy company with the core goal to convert sewage, liquid and food waste into valuable biofertilizer, green electricity, gas and vehicle fuel. We are entering the Low Carbon Transport Award 2020 for our work with renewable, low emission, biomethane vehicle fuel used in our HGVs and Bio-Bees that are uniquely powered by the food waste they collect from local businesses.



Ocado have worked tirelessly almost since our inception to ensure we minimise our environmental impact wherever we can. We use a dynamic scheduling system to optimise our van routes to make them as efficient as possible making 14 million routing calculations per second, we have made our home delivery vans as light as possible in order to maximise payload enabling us to run only the amount of vehicles we need and no more.

**Customer Service Recognition Award** - for an energy supplier (including those supplying via a PPA) delivering customer service excellence or innovation whilst adding value to their customers.



Octopus Energy is changing the face of energy by delivering greener and cheaper energy that helps customers cut costs and carbon emissions whilst moving the world to a fossil-free future. They have earned top ranked Utility in the UK Customer Satisfaction Index, outstanding NPS 82+, and top 5-star Excellent Trustpilot ratings – all evidence for our unrivalled customer service excellence.



Social Energy is an energy-technology company using a tech platform that allows homes with solar panels to trade energy at periods of peak demand. The system predicts domestic energy usage patterns and optimises the times at which homes draw energy from the grid, while energy produced on-site is stored using Duracell's home energy storage battery. This saves the consumer hundreds of pounds per year.

**Leadership Award** - for a company or organisation that is mainstreaming renewable energy through the scale of its investment and commitment to secure its energy needs from renewables.

Investing for a smarter future is what Foresight has been doing for 36 years. A leader in sustainable investing, Foresight is well-placed as investor appetite for sustainability-led strategies grows.



Ocado Group - passionate about reducing our impact on the environment! From electric blueberries, to CNG trucks, we are committed to running the cleanest fleet we possibly can



As a food retailer, our supply chain and long-term business success depend on the health of the natural environment. We want to play our part in caring for the planet. That's why we have committed to becoming net zero in the UK by 2035 and across the wider Tesco Group by 2050.

**Sustainability Award** - from organics recycling, to projects achieving zero waste, to companies rethinking waste or those offering an innovative, sustainable product or service.



Founded in early 2006, the 4R Group have grown with the UK's organics recycling industry providing a specialist service recycling and recovering a wide range of valuable organic materials to soils.



Since the inception of our clean energy infrastructure platform, over 17 million metric tons of greenhouse gas emissions have been avoided as a result of the firm's renewable investments – equivalent to the power needed to supply more than 3 million homes or passenger vehicles for one year.



Gegan Solutions Ltd is a UK based company specialising in sustainable & renewable energy, from design right through to build using our own comprehensive pioneering range of tried and tested Anaerobic Digestion solutions.



The WasteMaster from Green Eco Technologies, diverts organic waste from climate-damaging landfill, instead repurposing it in keeping with Circular Economy principles.



GENeco are sustainability pioneers, treating over 700,000 tonnes of varied food, liquid and solid waste per annum.



Keenan Recycling has grown from a garden waste composting business in Aberdeenshire to a nationwide commercial food waste collection business, saving money for its clients while addressing climate change.



The NatWest Group have achieved Zero Waste to Landfill accreditation for its UK&I operation which spans over 1000 sites.

**Project Award** - for a company that has developed an outstanding project in either renewable energy, energy storage or low carbon transport infrastructure.



Against the backdrop of a global pandemic and extensive scrutiny by National Grid Murrow AD Plant Ltd commissioned the UK's first biomethane connection to the NTS pipeline



The firm works hard to advance UK renewables, including the acquisition of a portfolio of four operating wind projects, and a pre-construction wind farm in Northern Ireland.



Project TraDER, led by energy tech start-up Electron, is a first-of-its-kind real-time marketplace platform connecting generators and flexible demand assets on the Orkney islands.



The Mayor of London's Energy Efficiency Fund provided a loan to Zenobe Energy to install a charging infrastructure solution at a bus depot operated by Abellio London, in Walworth.

This project, and deployment, has saved over £1m and enough energy to power roughly 850 homes for a year.



A project to increase the valued-added from an existing biogas plant, by increasing both capacity and range of outputs.



The Phoenix Works have designed and installed the UK's largest privately owned smart charging network for Gnewt Cargo.



In winter 19/20, WELTEC handed over the new built Lanes Farm Energy AD plant in Pontefract to the operator and owners.



The Electric Nation project is the world's largest EV trial to date.



**Innovation Award** - for any innovative, renewable energy device, invention or application which has achieved a major milestone or reached the market since January 2015.



Wireless Temperature Probe - product brought to market - a ground breaking and cost-effective solution for the waste industry, wireless temperature sensors are designed to monitor core temperatures within stockpiles for Fire Prevention Compliance (FPP) and audit purposes in the UK - and the equivalent monitoring regulations/requirements in other countries. i.e. PFRP & VAR requirements in America.

GRIDSERVE has opened the UK's first Electric Forecourt® in Braintree, Essex to support mass market EV charging and make EVs less expensive than petrol or diesel alternatives.



With the emerging use case of Plug & Charge based on the international standard ISO 15118, Hubject now provides a market-ready, game-changing technology for intuitive and secure charging.





Energy Superhub Oxford is one of the most ambitious urban decarbonisation projects globally, showcasing grid-scale battery storage, rapid electric vehicle charging infrastructure, renewable heating systems and smart grid optimisation, to accelerate Oxford's zero carbon journey.



Zeigo is a clean-tech platform that helps corporate energy buyers contract energy directly from wind and solar farms using data and technology to cut through the complexities of clean power procurement.

**Pioneer Award** - for a company or organisation in a sector not previously associated with renewables, that has now become involved and created a pathway that others can follow.



We are one of a handful of installers specialising in Open-Loop ground source heating for small commercial and domestic properties. We have been installing our systems since 2009 and can confidently show that open-loop is not just suitable for large scale industrial and commercial installations, which is a persistent belief.



Lynemouth Power Station is a flagship site for renewable energy and was the first to start the full conversion process from coal-fired to 100% biomass electricity production. LPL plays a key role in net zero policy on a regional, national and global basis, generating 420MW of electricity, enough to power 450,000 households. It makes a significant contribution to the local economy and the communities it serves.

**Financial Leadership Award** - for a financial product that has accelerated the deployment of renewables in the UK during past year.



July 2019, NWM announced the establishment of a new Environmental, Social and Governance (ESG) product framework. The Framework allows investing clients to place deposits with us, where we commit to use the proceeds to invest in organisations with a high ESG rating.

Privilege Finance is a climate change reduction finance provider with over 20 years' experience in the renewable energy sector. The organisation specialises in financial and technical AD/EfW expertise and the promotion of sustainability across the sectors.



Triodos Bank UK grants innovative loan facilities to organisations pioneering change. It has championed the net zero transition by providing finance to support the nationwide rollout of EV charge points at supermarkets, help launch the UK's first intercity, all-electric coach service, and fund stores selling individual e-transport, such as e-bikes and e-mopeds.

**Installer Award** - for a company which has excelled in the installation of small-scale energy generation systems in homes; offering a high quality experience for consumers wishing to buy or lease equipment.



2020 sees The Phoenix Works celebrate 10 years of delivering renewable technology solutions that allow customers to control how they generate, store and use energy in their home.

Always providing customers with industry leading products and best in class solutions to the highest standard; The Phoenix Works have consistently achieved 100% 5-star reviews through Which? Trusted Trader, a testament to their ethos of quality and customer service.

**Communications Agency Award** - for the communications agency that has done most to enhance awareness or championed positive change for renewables in key opinion formers, parliament, government or the public in the past year.



The betaTalk renewable energy and low carbon heating podcast exists to amplify and disseminate the voice of the renewable and low carbon heating engineer. A vital yet often unheard cohort in the energy discourse. As the world discusses energy more than ever, communication and collaboration with engineers and their customers is vital in meeting the decarbonisation challenge we all now face.



In 2019 Low Carbon Homes launched a nationwide market-led series of regional events in partnership with local authorities and regional stakeholders. Attracting over 400 local architects, engineers, contractors, landlords and policy makers, the free-to-attend events featured a stakeholder-developed programme designed to support the scaling up of domestic property retrofit and deployment of low carbon technologies.

**Young RE Professional Award** - for an individual within the first 5 years of their career in renewable energy, who has already achieved success/impact and who has shown potential as a future leader in the industry.



Isabel Sunnucks  
Project Manager at Electron



Donald Hopper  
CEO of EVA Global



Sam Waite  
Operations Manager at Farm Renewables



Henry Morgan  
Sustainable Investment Manager at Foresight



Laura Hepburn  
Director of Greenology



Edmund Robbins  
Associate at MacQuarie



Izzy Rich  
Senior Account Manager at OnGen



Lewis Gardiner  
Installation Manager at Osprey Charging



Thomas Aspray  
Director of SolidSense



Kieran Doak  
Mechanical Design Engineer at Sunamp



Lyudmil Banev  
Vice President of Project Finance (NatWest Group)

## **Company Award** - the company that has done the most in the past year to advance UK renewables.



Capital Dynamics established its clean energy business in 2010 to benefit from growing demand for renewables. The firm works hard to advance UK renewables, including the acquisition of a portfolio of four operating wind projects, and a pre-construction wind farm in Northern Ireland.



JLEN Environmental Assets Group is a recently promoted FTSE 250 environmental infrastructure fund whose activities contribute to and promote the transition to a low carbon economy. It has built a portfolio of 33 diversified assets that will avoid over 9m tonnes of carbon in their lifetime.



In 2019, NatWest Group were the first bank globally to commit to all Climate Group initiatives, substantively achieved our £10bn Sustainable Energy target one year early with £9.9bn of funding and launched the first-to-market ESG deposit product which offers corporate and institutional investors the opportunity to subscribe to ESG deposits.



Octopus Energy has grown from seed to Unicorn with a £2bn revenue in under four years, and is the ONLY energy provider to be Which? Recommended for three years running.



Photon Energy specialise in the design, supply, installation and maintenance of solar PV and battery storage systems. Specialising in roof mounted solar, Photon Energy install PV for residential properties - new build and retrofit), commercial/industrial buildings, public sector, schools and universities.

Plug-N-Go started out as a sole entity and gradually grew, in 2019 they worked tirelessly to build their business model offering fully funded EV charge points for Local Authorities who could not afford EV charging infrastructure.



**Judges Award** - The judges have previously decided to make their own award and will probably do so again this year. This could be awarded to an individual for lifetime achievement, or for any other outstanding contribution to renewables or clean technology not covered by the above categories. If you would like to make any suggestion for the judges' consideration, please name them below.



## The 2020 Judges

### **Martin Wright, Chairman of REA & Aurora Ventures**

Martin Wright is also CEO, Minus 7 Limited, Chairman, Gravitricity Ltd. Martin is an energy technology entrepreneur. He was a founder and CEO of Marine Current Turbines Limited. He then invested in Mojo Maritime limited until its sale. He started his career in the Royal Navy before becoming a Venture Capitalist



### **Emma Bridge, Chief Executive Community Energy England**

Emma has over fifteen years' experience in sustainable development, working for the public, private and community sectors. She has on the ground experience of community energy, as previous to her role at CEE, Emma was General Manager of Sheffield Renewables from 2012 to 2014. Her role included project management of community renewable energy schemes, developing and managing community share offers and supporting the development of community energy across the South Yorkshire region.

Emma's expertise in sustainable development has meant she is widely sought to share her knowledge on local, national and European levels. Emma has supported a number of European best practice projects on green infrastructure, governance and renewable energy. She is currently on the expert panels of three EU projects focussed on community energy and sits on a number of national energy advisory groups.



### **Dr Rhian-Mari Thomas, Chief Executive, Green Finance Institute**

Dr Rhian-Mari Thomas is CEO of the Green Finance Institute, backed by UK Government and City of London Corporation. Rhian spent 20 years in banking and was awarded an OBE for services to green banking. She is an Emeritus Member of TCFD and co-chair of TNFD. She is a member of numerous advisory groups and boards across UK Government.



### **Tom Delay, Chief Executive, The Carbon Trust**

Tom became the Carbon Trust's first Chief Executive in 2001. He has built its unique capabilities, advising businesses and governments on emissions reduction and low carbon technologies, across markets including Asia, Africa and Latin America.



### **Virginia Graham OBE - Chief Executive, REAL Assurance Scheme**

Virginia Graham is the Chief executive of Renewable Energy Assurance (a subsidiary of the REA), which administers the Renewable Energy Consumer Code (RECC).



Virginia was previously Ofgem's Director of Social and Environmental Affairs, and addressed the NEA Conference at Keele University on how Ofgem balances its social, environmental and economic objectives.

Virginia has worked tirelessly in the Renewables arena and she was awarded an OBE in 2020 for her services to promoting renewable energy.

### **Richard Simon-Lewis, Head of Origination, Marketing & Communications, UK Export Finance**

Richard is head of the Origination and Marketing & Communications group at UK Export Finance. Previously, Richard was Head of the Civil, Infrastructure and Energy & International Business Development ('IBD') divisions, UK Export Finance. Richard reports into Louis Taylor, CEO, UKEF, and is a member of UKEF's Executive Committee.



Richard is a structured financier and international business developer with over 30 years' experience in providing leadership, strategic direction and international stakeholder engagement to specialised public and private sector institutions (typically global top 5 in their fields) active internationally across a variety of sectors (for example, energy, utilities, infrastructure etc) but with a particular specialism derived from over 20 years working in renewable energy, and, more recently, clean growth (UKEF currently ranks 3rd in the TXF global sustainable finance league tables for 2019).

### **Dr Doug Parr - Chief Scientist and Policy Director, Greenpeace UK**

Dr Douglas Parr is Policy Director at Greenpeace UK. He has specialised in climate change policy in across power, heat and transport sectors for many years, and all aspects of the social and economic transition.



### **Dr Sarah Redwood, Director, Renewable Energy Deployment, BEIS**

Sarah is Director of Renewable Energy Deployment at BEIS. Previously she worked in BEIS on science and innovation, publishing the UK Research & Development Roadmap and in DECC on renewable heating technologies.



**Michelle T Davies - International Head of Clean Energy and Sustainability, Eversheds Sutherland**

International Head of Clean Energy and Sustainability, Eversheds-Sutherland Michelle advises across the entire energy transition and renewable technologies globally. Her clients include governments, institutional investors, funds, banks, utilities, and developers

**Fintan Slye, Director of the Electricity System Operator, National Grid ESO**

Fintan Slye is Director of the Electricity System Operator, National Grid. Prior to joining National Grid, he was CEO of the EirGrid Group, the electricity transmission system operator and market operator in Ireland and Northern Ireland.

**The Baroness Verma, House of Lords, Independent Non Executive Director (NED) on REA Board**

Sandip K. Verma, Baroness Verma known until 1977 as Sandip K. Rana, is an Indian-English politician in the United Kingdom. An appointed member of the House of Lords, she is Ministerial Champion for Tackling Violence Against Women and Girls Overseas, a role who chairs the UN Women's national committee

**Andy Hadland, Chief Product Officer, Arenko Group (Energy Institute)**

Energy Institute Trustee & Council Member; Arenko Chief Product Officer; Imperial College London Guest Lecturer; EI YPN Founding Chair. Interests: Energy storage, data science, EVs and Generation 2050 advocate.

**Laura Sandys CBE, Challenging Ideas**

Laura is a Senior Independent Director at SGN Network and the Energy Systems Catapult. She is Chair of the Northern Ireland Expert Panel on Energy Transition and was Chair of the BEIS/Ofgem Energy System Data Taskforce. She was a member of the Advisory Panel for the Government's Cost of Energy Review, and is on the Council for Carbon Capture Utilisation and Storage.

Laura is founder of the Food Foundation and co-founder of POWERful Women and former Deputy Chair of the Food Standards Agency. She was previously a Member of Parliament for South Thanet, and described by The Times as 'one of the sanest of all MPs' and as 'lateral-minded, original and free-thinking'.

**Dame Fiona Woolf DBE, DStJ DL**

Dame Fiona Woolf is an energy and infrastructure lawyer who has worked in over 40 jurisdictions on major projects and market reforms that have paved the way for the success of renewables. She was energy lawyer for many years with CMS Cameron McKenna.



Dame Fiona Woolf DBE was the Lord Mayor of London for the year 2013/14 as the 686th Lord Mayor, and only the second woman to hold the role since 1189. Her programmes, set out in her 686 Plan, covered The Lord Mayor's Appeal, The Power of Diversity, The Lord Mayor's Charity Leadership Programme and Tomorrow's City. All of them had "The Energy to Transform Lives"- her Mayoral strapline.

**Prof Patricia Thornley BSc, DPhil, CPhys, MInstP - Professor of sustainable energy systems, University of Manchester**

Patricia Thornley is a chartered physicist with over 20 years experience working in bioenergy in industry and academia. She was involved with engineering implementation of many of the UKs early bioenergy plants, but is now based at the Tyndall Centre for Climate Change Research at the University of Manchester. Patricia leads the 4.5 million EPSRC SUPERGEN Bioenergy Hub, which aims to bring together industry, academia and other stakeholders to focus on the research challenges associated with delivering sustainable bioenergy systems.



Her personal research interests focus on the environmental, social and economic impacts of bioenergy systems in the UK and overseas and how these can be practically managed to deliver sustainable bioenergy systems.

**Philip Sellwood CBE, Non-Executive Director, Charity Trustee & UK Government representative on energy efficiency**

Philip Sellwood was CEO of the Energy Saving Trust from 2003-2020. During that time he has undertaken work for all UK Administrations and has represented the UK as part of the European Energy Network. He was awarded a CBE in the 2019 Queens Honours List for services to public policy. Currently Philip is Chair of the Low Carbon Vehicle Partnership, he advises several companies in the private sector alongside membership of several Government bodies in the academic research sector. In addition, Philip is a NED on the boards of the Renewable Energy Assurance Ltd and the Local Government Innovation and Improvement. Philip was also a founder Trustee of the Ellen MacArthur Foundation a global charity committed to promoting the development of the circular economy. Philip is a Fellow of both the Royal Society of Arts and the British Institute of Management.

**Dr Jonathan Scurlock, Chief Policy Adviser, Renewable Energy and Climate Change, National Farmers Union**

Jonathan Scurlock, Leads analysis and advice on energy and climate change to NFU management, elected officials and farmer members. His background is in university and government research, covering energy and climate policy, plant physiology, bioenergy and other renewables. He was educated at Oxford and London, and is a Visiting Fellow at the Open University.



**Congratulations to all our fabulous finalists, runners up and today's winning entries - you're all absolutely amazing!**

## Judging session

The REA received around 200 nominations which were whittled down to the shortlisted nominees shown in this programme, across the 16 Award categories. Our fabulous judges debated and deliberated as they faced a very tough challenge in choosing winners from the impressive line-up of entries.

Thank you judges, you've been superb.



## Mike Ramsden, our terrific host today

Mike Ramsden, who is a former BBC News reporter, presenter and film-maker for BBC News. Mike Ramsden, a former BBC News broadcaster and reporter.

Mike has interviewed senior politicians, presented live bulletins for BBC Londons News, and reported on the 2010 General Election. He spent several years offering media training to chief executives, and is currently helping to deliver the group content strategy at Lloyd's Register.



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The Renewable Energy Consumer Code was set up by the Renewable Energy Association. Its aim is to guarantee a high quality experience for consumers wishing to buy or lease small-scale energy generation systems for their homes. The Renewable Energy Consumer Code logo is a sign that the company has agreed to abide by the high standards set out in our Consumer Code.

To find out more, visit [www.recc.org.uk](http://www.recc.org.uk)