

Smart Energy Marketplace

2017



Welcome!

Welcome to Smart Energy Marketplace 2017

The way we generate, supply and use energy is being transformed. New technologies and new business models are enabling a shift to a smart, flexible, decentralised and low carbon energy system.

Our aim in creating Smart Energy Marketplace was to give you an insight into the exciting future of energy: the new technologies, the emerging business models and the changing policy and regulation.

This guide contains details of all the exhibitors and talks you need to make the most of your visit.

I hope you enjoy the day.

Merlin

Merlin Hyman
Chief executive, Regen



Content sessions	2
Conference agenda and speakers	3
Conference speakers	4
Talks and speakers	11
Exhibitors	17
Layout	25
Regen membership	26



Content sessions

Individual session prices start from £45 + VAT
all sessions from £150 + VAT

Conference

10:00

Session 1

Policy and regulation for a smart and flexible energy system

11:00

Session 2

Business models for utility scale storage

12:00

Session 3

Local energy markets

13:00

14:00

Session 4

Electric vehicle trends and the future of the electricity grid

15:00

Session 5

Renewable energy business models in a changing energy market

Workshops are included in your £15 + VAT ticket

Workshop Baxter Suite (upstairs)

Workshop Suite 6 and 7 (upstairs)

Options for supplying your energy locally

The future of heating

Introduction to demand side response

Opportunities for smart and flexible energy for landowners

Cornwall local energy supply

Engaging communities in network innovation

Transforming our housing

Storage – the commercial business case

Heat networks

Smart Energy Marketplace Conference

10:00 – 16:00 • 28 March • Exeter

Session 1 10:00

Policy and regulation for a smart and flexible energy system

The government is committed to changing the policy and regulatory framework to enable new flexible energy business models to develop. This session brings together leading policy makers, regulators and system operators to set out the emerging new policy landscape and the impact on the market.

- ▶ Gemma Huett, head of flexibility markets, electricity systems, Department for Business Energy and Industrial Strategy
- ▶ Andrew Burgess, associate partner, Ofgem
- ▶ Lee Priestley, head of business development for system operator, National Grid
- ▶ Nigel Turvey, network strategy and innovation manager, Western Power Distribution

Session 2 11:00

Business models for utility scale storage

The success of battery storage in the Capacity Market and Enhanced Frequency Response auctions make this perhaps the fastest growing sector in the energy market. This session brings together business leaders to examine the emerging business models for large storage projects.

- ▶ Johnny Gowdy, director, Regen
- ▶ Bridgit Hartland-Johnson, head of energy storage, Siemens Energy Management
- ▶ Christophe Banos, development project manager, EDF Energy Renewables
- ▶ Harry Vickers, business development manager, Camborne Energy Storage Ltd

Session 3 12:00

Local energy markets

Balancing supply and demand at a local level is key to a decentralised and flexible energy system. This session will examine how microgrids, virtual power plants and local balancing could unlock the development of local energy markets.

- ▶ Tamar Bourne, senior project manager, Regen
- ▶ Matt Hastings, programme director, local energy systems, Centrica
- ▶ Pete Capener, executive director, Bath and West Community Energy and member of the FPSA project delivery board
- ▶ Ben Hall, principal consultant, Cornwall Energy
- ▶ James Johnston, chief executive officer, Open Utility

Session 4 14:00

Electric vehicle trends and the future of the electricity grid

Use of electric vehicles is growing exponentially and have the potential to transform the way we use energy every day. This session will examine EV growth trends, the impact on electricity demand and prices and ask whether we will be powering our houses with our cars or our cars with our houses?

- ▶ Luke Redfern, commercial partnerships manager, Cenex
- ▶ Nick Storer, principal consultant, EA Technology

Session 5 15:00

Renewable energy business models in a changing energy market

“What we see going forward is nothing less than a revolution in the provision of our energy,”
Cordi O’Hara, director of the UK System Operator.

Over £10 billion has been invested in renewable energy in the past five years leading to remarkable growth. This session brings together market leaders to examine where the opportunities to generate value are now in a rapidly changing energy market including: maximising revenues from assets; flexibility; and post subsidy development opportunities.

- ▶ Nicola Waters, chief operating officer, Push Energy
- ▶ Katherine Vinnicombe, investment manager, Foresight
- ▶ David Peill, commercial director, British Renewables

Conference speakers



Gemma Huett

 [@beisgovuk](#)

Head of flexibility markets, Department for Business Energy and Industrial Strategy

Gemma is responsible for ensuring that flexibility providers can access energy markets on a level-playing field. She works within the smart energy team which is coordinating the transition to a smart energy system. Prior to joining this team, Gemma has worked across Government departments on areas of work such as labour market reform, smart meter delivery as well as undertaking a secondment to the Fairtrade Foundation.



Andrew Burgess

 [@ofgem](#)

Associate partner, Ofgem

Andy leads Ofgem's work on flexibility and the teams dealing with the electricity system framework and connections and constraint management. Previously he was associate partner in the networks divisions leading at various times on electricity and gas transmission and distribution policy and regulation of energy networks generally.



Lee Priestley

 [@nationalgriduk](#)

Head of business development for system operator, National Grid

Lee joined National Grid in September 2016 having spent the previous 18 years at Centrica. During his time at Centrica Lee spent 10 years working for Accord Energy trading mainly UK Power. In 2010 he became head of power origination at Centrica. He established a small team of originators which developed a business providing access to the wholesale power market for all types of power generation projects that didn't have their own trading capability. Lee joined National Grid in September 2016 as head of business development within the commercial part of the system operator.



Nigel Turvey

 [@wpduk](#)

Network strategy and innovation manager, Western Power Distribution

Nigel joined SWEB (distribution part of which became WPD) on graduation in 1985. Following various Engineering and Commercial roles, Nigel now leads a department that develops engineering and commercial policy, the long term strategic development of the network and the research into and development of new techniques and equipment to support the network. He is a member of a number of national groups developing technical, commercial and regulatory aspects of smart grids. Nigel has a BSc and Diploma in Electrical Engineering from Southampton University and is a Fellow of the Institution of Engineering and Technology.

Conference speakers



Johnny Gowdy

 @RegenSW

Director, Regen

Johnny is a director at Regen and leads their work in the marine energy and offshore wind sector, including the programme management of the south west Marine Energy Park. Johnny has a background in shipping, logistics, energy and supply chain management. Since joining Regen in 2008, Johnny has worked extensively with the marine energy sector supporting technology developers and supply chain companies.



Bridgit Hartland-Johnson

 @Siemens

Head of energy storage, Siemens Energy Management

Bridgit is head of energy storage for Siemens Energy Management division in the UK and has worked on energy storage as a subject for the past seven years. She has worked in France, India, Germany and recently returned to the UK one year ago to be part of such a fast growing market and help build the Siemens UK storage business to address this growth.



Christophe Banos

 @edfenergy

Development project manager, EDF Energy Renewables

Christophe has been working for EDF in the UK for over 10 years having worked on major infrastructure projects such as Terminal 5 and large capital investment for EDF Energy's thermal units. He joined EDF Energy Renewables in 2012 working on offshore wind, marine and new technologies origination opportunities. Leading the technical due diligence for the Navitus Bay and Blyth Offshore Wind farms acquisitions and more recently he has been the originator and project development lead of the 49MW West Burton Battery Storage project.



Harry Vickers

Business development manager, Camborne Energy Storage Ltd

Harry has joined Camborne Energy Storage (CES) after developing significant experience in renewable generation through his role at Lightsource, where he worked with some of the UK's largest landowners and land agencies. Harry previously worked for Zac Goldsmith in the run up to his successful 2010 parliamentary campaign, primarily focussed on energy and environmental policy. CES is a subsidiary of Camborne Capital Group, a privately owned company founded in 2012 with an extensive global track record in delivering success across the energy and real estate sectors.



Tamar Bourne

 @RegenSW

Senior project manager, Regen

Tamar leads Regen's smart grids and local supply projects including: a network innovation trial 'the Sunshine Tariff' and producing a white paper and providing advice on local supply options and exploring smart grid solutions for community energy. Tamar also chaired the community subgroup of the government's Smart Grid Forum. Her background is in sustainability research and project management. Prior to joining Regen, she worked for the Sustainable Development Commission.



Matt Hastings

 @centricapl

Programme director, local energy systems, Centrica

Matt is a national award winning energy and sustainability professional with over 10 years experience in the energy sector. He was awarded ESTA Energy Manager of the Year 2012. He is a founder member of Centrica's distributed energy and power division and currently programme director for local energy systems, joining Centrica in April 2014 and since securing £19m funding to trial the UK's first Local Energy Market in Cornwall. He has held a number of posts at Centrica and prior to this he led on energy management and strategy for the Eden Project.



Peter Capener

 @BWCE

Executive director, Bath and West Community Energy
and member of the FPSA project delivery board

Peter is a member of the project delivery board for the future Catapult/IET, future power systems architecture project. Peter has worked in sustainable and community energy for 30 years. He is co-founder and Executive Director of Bath & West Community Energy, a community enterprise that has raised nearly £12 million through local share and bond offers and built over 12MW of community solar PV and one small hydro scheme. He was awarded an MBE in the 2015 New Year Honours List for services to sustainable energy and has an MSc in energy resource management.



Dan Starman

 @CornwallInsight

Research, Quality and Development Manager/ Consultant,
Cornwall Insight

Dan is an expert in the field of local balancing, supply markets, and the integrated approach to local supply adopted by Local Authorities and private companies alike. He project managed the Local Supply Communities initiative, led by Nigel Cornwall, conducting research and analysis in the field of local electricity supply. This culminated in a series of recommendations for government to remove barriers to local supply. The project continues as a pilot in the eastern region.


Conference speakers



James Johnston

Chief executive officer, Open Utility

James is the chief executive officer and co-founder of Open Utility, an innovative energy technology company with a mission to democratise energy. In 2015 they partnered with green energy supplier Good Energy to launch Piclo, the UK's first online marketplace for buying and selling renewable electricity. Since the company's inception in 2013, James and his co-founders have secured over £1M in funding. Open Utility won Startup of the Year at European Utility Week and is one of Bloomberg's Business Innovators 2016.


 **@P2PJim**
@OpenUtility



Luke Redfern

Commercial partnerships manager, Cenex

Commercial partnerships manager at Cenex, Luke works in a project management and business engagement role to support private and public sector organisations to develop and deliver low emission vehicle strategies. Currently Luke is seconded to Nottingham City Council to support Nottingham City's Go Ultra Low Programme, a £6.120million OLEV funded programme to deliver 8,000 additional ULEVs on to Nottingham roads. He is also leading the technical input of the new £2million charge point network being installed across Nottingham and Derby.

 **@LukeRedfernLCV**
@CenexLCFC



Nick Storer

Principal consultant, EA Technology

Nick Storer is a Principal Consultant with EA Technology. Nick is EA Technology's project manager for Electric Nation, a Western Power Distribution network innovation allowance project. Electric Nation is a multi-stranded project that aims to deliver solutions for distribution network operators that will enable them to monitor the impact of EV charging on their networks; model how the increase of home charging may impact their networks and how smart solutions may mitigate these impacts; and trial one mitigation option, managed home EV charging, determining whether this solution will deliver a demand response that can defer or avoid the need to upgrade networks without impacting on customers' use of the EVs.

 **@eatechnology**



Nicola Waters

Chief operating officer, Push Energy

Nicola has been involved in the energy sector since 2009, and has held leadership positions in renewable energy companies for the past five years. She is currently Push Energy's chief operating officer, and was previously Primrose Solar's chief operating officer for three years. Nicola has experience of many types of solar installations, batteries and gas peaking plants. She regularly represents the distributed generation community at events covering network issues, energy storage, technical changes that are likely to come e.g. P28 changes, TRIAD reform, and also chairs the STA's Strategic Grid Working Group and sits on the ENA's DG Forum.

 **@nicolawaters**
@PushEnergyLimit



Katherine Vinnicombe

 @ForesightGroup

Investment manager, Foresight Group

Katherine is an investment manager at Foresight Group responsible for originating and executing solar, wind and energy storage transactions, recently leading Foresight's first private wire project, the 72MW Shotwick Solar Farm in Deeside. As an innovative direct supply arrangement, and the largest solar park in the UK, this is an interesting example of how the UK can transition from its fossil fuel dependent centralised model to a low emissions and increasingly smart network, where Foresight are seeking to take a lead. Prior to Foresight, Katherine was as an associate director at Lloyds bank, providing construction and project finance across wind, solar, transmission and smart metering sectors, after studying Natural Sciences at Cambridge University.



David Peill

 @BritishRen

Commercial director, British Solar Renewables

David has been with British Solar Renewables (BSR) since early 2012 and has overseen the promotion, planning, financing, development and post-completion disposal of its solar park pipeline. Prior to joining BSR David ran a commercial property fund and corporate finance boutique which he co-founded in 2005. David is a chartered surveyor by training and spent the first 10 years of his career at Savills plc specialising in the appraisal and funding of commercial property assets.



Baxter Suite →

11:00

Options for supplying your energy locally

There is huge interest from businesses and communities in buying clean energy generated locally - potentially reducing costs. This session will examine the lessons from trials of new local supply models and the options now available.

Speakers:

- ▶ Tamar Bourne, senior project manager, Regen
- ▶ Sonya Bedford, partner, Stephens Scown
- ▶ Tom Parkinson, director, Energy Local
- ▶ Jen Coles, business developer, Plymouth Energy Community

Suite 6 & 7 →

11:00

The future of heating

The government has announced a revamp of the Renewable Heat Incentive creating new opportunities for heat networks, heat pumps, biomass boilers and anaerobic digestion, to transform how we heat our homes and businesses. How will the electrification of heat and the green gas market develop? This session will examine what models of renewable heat are due to prosper in the future.

Speakers:

- ▶ Steve Edwards, director of regulation and commercial, Wales and West Utilities
- ▶ William Johnson, technical manager - heat pumps, OMNIE
- ▶ David Newman, head of sales and business development, Forest Fuels

Baxter Suite →

12:00

Introduction to demand side response

Businesses who can shift energy demand can earn revenues from helping balance the grid - and the market for 'demand side response' is growing. This session will examine how this works in practice and the revenues available - and hear from leading companies who 'aggregate' shifts in energy demand to sell to National Grid and other customers.

Speakers:

- ▶ Jason Stocks, senior business development manager, Limejump
- ▶ Yoav Zingher, chief executive, KiWi Power

Suite 6 & 7 →

12:00

Opportunities for smart and flexible energy for landowners

Battery storage is opening up new opportunities for landowners and farmers to maximise the value of electricity they generate and to earn attractive returns by leasing land. This session will look at how to make the most of the latest energy generation and storage technologies to cut bills and earn revenues - and the pitfalls to avoid.

Speakers:

- ▶ Jonathan Scurlock, chief adviser, renewable energy and climate change, National Farmers' Union
- ▶ Hugh Taylor, chief executive officer, Roadnight Taylor
- ▶ Olly Frankland, project manager, Regen



Baxter Suite

13:00

Cornwall local energy supply

Cornwall Council and Regen are exploring new local supply models for community energy options. The goal is to run a replicable pilot that helps localise the economic benefits of local generation and enables them to be shared with the local community. Come along to this informal session to find out more about the project and opportunities to get involved in the pilot.

Speakers:

- ▶ Tamar Bourne, senior project manager, Regen
- ▶ Mark Holmes, senior low carbon investment officer, Cornwall Council
- ▶ Caroline Carroll, geothermal policy officer, Cornwall Council

Baxter Suite

14:00

Engaging communities in network innovation

Community energy groups are widely regarded as trusted intermediaries when it comes to engaging the general public, yet we all struggle to get the levels of participation we'd like. This session will explore the tactics that work and offer up fresh and exciting ideas to get more people involved in energy. Come and find out about Regen's experience of the Sunshine Tariff project, and Carbon Co-op's Nobel Grid project where they are developing tools for community smart grids.

Speakers:

- ▶ Ben Aylott, systems developer, Carbon Co-op
- ▶ Jodie Giles, senior project manager - communities, Regen

Suite 6 & 7

14:00

Transforming our housing

Cold, expensive to heat homes are still driving up energy bills and carbon emissions. This session will look at a new approach emerging to revamping houses so they are net zero energy users, without subsidy.

Speakers:

- ▶ Ian Hutchcroft, associate, Regen
- ▶ Tim Crook, senior project manager, Regen

Baxter Suite

15:00

Storage – the commercial business case

This session will look in more detail at emerging business models and benefit streams for storage systems - whether standalone, co-located with generation or 'behind the meter', alongside a high energy user.

Speakers:

- ▶ Ray Arrell, senior project manager, Regen
- ▶ Tim Marsters, commercial director, Green Hedge

Suite 6 & 7

15:00

Heat networks

The government is investing hundreds of millions in developing heat networks. Exeter is one of the leading cities in developing this key new infrastructure. And there are also opportunities for smaller scale projects.

Speakers:

- ▶ Naomi Harnett, principal project manager, Exeter heat networks, East Devon District Council
- ▶ Mark Simpson, business development manager, E.ON UK
- ▶ Tim Crook, head of technical services, Regen

Talks speakers



Tamar Bourne

 @RegenSW

Senior project manager, Regen

Tamar leads Regen's smart grids and local supply projects including; a network innovation trial 'the Sunshine Tariff', producing a white paper and providing advice on local supply options and exploring smart grid solutions for community energy. Tamar also chaired the community subgroup of the government's Smart Grid Forum. Her background is in sustainability research and project management. Prior to joining Regen, she worked for the Sustainable Development Commission.



Sonya Bedford

 @StephensScown

Partner, Stephens Scown

Sonya is a partner with Stephens Scown solicitors; a non-executive director at Regen; a director at Exeter Community Energy and South Dartmoor Community Energy; is on the board for the Sustainability Institute and the committee for her local branch of the Energy Institute. Sonya is currently undertaking her MSc in Renewable Energy at the Centre for Alternative Technology. Her strengths lie in dealing with hydro, wind, solar PV, biomass and anaerobic digestion from construction/funding and EPC work to technology advice and energy plans. With Sonya's leadership, the Energy Team is now responsible for over 500MW of renewable energy projects.



Tom Parkinson

 @energylocal

Director, Energy Local

Tom is a solicitor who helped with the 2011 launch of Co-operative Energy, for whom he continues to work as a consultant. Tom joined the board of Westmill Solar Co-operative in 2013 and became chair in 2016. Inspired by Westmill members' desire to buy the electricity generated by the site, he co-founded Energy Local in November 2013. Energy Local is a social enterprise enabling local communities to 'pool' consumers' electricity demand with local renewable generation. After a successful trial in Oxfordshire, an Energy Local 'club' was formally established in Bethesda, North Wales in late 2016, the pioneer for a nationwide network of similar clubs.



Jen Coles

 @plymenergycom

Business developer, Plymouth Energy Community

Jenny has been part of the Plymouth Energy Community team since PEC launched in 2013. As a business developer, she brings forward ideas and develops new projects and services which change the way people buy, use and generate energy. Jenny leads the team's work on local supply and has worked closely with commercial and public sector partners to develop potential local tariffs for the benefit of local people.



Steven Edwards

 @WWUtilities

Director of regulation and commercial, Wales and West Utilities

Steve joined the gas industry in 1992 and now has 25 years' experience in the sector. In 2011, Steve gave evidence on behalf of Energy Networks Association to the Energy Select Committee on the future role for gas in the UK. Energy is also a key issue for the devolved nations and Steve is a member of the Welsh Government Energy and Advisory Panel.



William Johnson

 @omnieuk

Technical manager - heat pumps, Omnie

A graduate mechanical engineer with over 20 years experience in commercial and industrial refrigeration. William worked as a Regional Manager at Earth Energy from 2006 to 2010; responsible for installation of the Ground Source Heat Pump range. Prior to joining Omnie William spent a number of years maintaining and commissioning heat pumps. William has an extensive working knowledge of heat pumps, including applications, leading to an understanding of the benefits of a correctly designed and installed system.



David Newman

 @Forestfuels

Head of sales and business development, Forest Fuels

David heads up sales and business development for Forest Fuels, now part of AMP Plc. Specialising in fast growth he has been with Forest Fuels since November 2011 and has helped the company to achieve significant growth and also head up business development for AMPL PLC on the biomass esco projects division. When not working he enjoys playing tennis and spending a lot of time on the water in South Devon.



Olly Frankland

 @RegenSW

Project manager, Regen

Olly manages a number of projects and has developed specialisms in heat, community energy, domestic energy storage and microgeneration. He works across a large spectrum of technologies, provides policy updates for the industry and is involved in supporting the sector deliver a renewable revolution. Olly previously worked on the £6.3m EU-funded Ready for Retrofit programme as a business support manager, growing the south west's energy efficiency and microgeneration sector.

Talks speakers



Dr. Jonathan Scurlock

 @NFUtweets

Chief adviser, renewable energy and climate change, National Farmers' Union

A senior NFU adviser since 2007, Jonathan Scurlock leads a team providing analysis and advice on renewables and climate change to the NFU's management, office holders and members. His background is in university and government research on energy and climate policy, plant physiology, biomass and other renewables. The author of more than 50 publications, he was educated at Oxford and London, and is a Visiting Fellow at the Open University.



Hugh Taylor

 @RoadnightTaylor

Chief executive officer, Roadnight Taylor

Hugh is CEO of Roadnight Taylor and has been in the energy sector for six years. During this time he has been involved with well over 500MW of large-scale and commercial-scale energy schemes for private, corporate and public sector clients across a range of technologies. Hugh sits on expert panels for the three largest distribution network operators, giving him first-hand knowledge and understanding of their procedures and ongoing strategies. He also understands National Grid's capacity market and its various balancing markets. Hugh is a regular consultee to BEIS and Ofgem, as well as a popular speaker at industry events.



Jason Stocks

 @Limejump

Senior business development manager, Limejump

Jason looks after the strategy and engagement channels for new customers in the commercial and industrial space in the UK. With a background in building management within the PFI sector, Jason has spent the last 15 months bringing Limejump's unique position as a virtual power plant to market. Jason has been responsible for bringing Limejump's first water company to market, as well as a range of commercial refrigeration and cold stores to perform portfolio frequency.



Yoav Zingher

 @kiwipowered

Chief executive, KiWi Power

A powerful visionary and passionate alternative energy innovator, Yoav is also a strong advocate of energy policy reform and the move to a decarbonised electricity Grid. Before setting up KiWi Power, Yoav's background was in private equity for renewable & alternative energy sources. Yoav led the team that created the software and hardware solution that lies at the heart of KiWi Power's business. He was also instrumental in the negotiations that saw ENGIE invest in KiWi Power.



Caroline Carroll

 @CornwallCouncil

Geothermal policy officer, Cornwall Council

Caroline is the geothermal policy officer at Cornwall Council and the C&IoS LEP Energy Lead with an MSc in energy policy from Exeter University. Caroline's expertise is in renewable energy and energy policy, with a current focus on promoting and supporting innovative solutions. Working closely with industry and research institutes she is keen to put Cornwall at the forefront of pioneering solutions; believing innovation can provide valuable and exciting opportunities for the people of Cornwall. Caroline is currently working on enabling geothermal projects in Cornwall, solutions to the electricity network constraints and funding and partnership opportunities.



Mark Holmes

 @CornwallCouncil

Senior low carbon investment officer, Cornwall Council

Mark is the senior low carbon investment officer and Cornwall deal work stream lead providing support for all elements of the energy strand of the Cornwall deal. Working closely with BEIS and the Cornwall & Isles of Scilly LEP he provides leadership on key aspects of the energy strand with a specific focus on community energy and developing the investment models required to create sustainable financial models for future low carbon investments.



Ian Hutchcroft

 @RegenSW

Associate, Regen SW

Ian is a strategic programme director and senior sustainability consultant with over 25 years' experience of developing, financing and delivering sustainable development strategies and programmes in the public, private and third sectors. Winner of national awards, including an Ashden Award for sustainable energy innovation. Previously head of local delivery (England), Energy Saving Trust and sustainable prosperity manager, Devon County Council.



Tim Crook

 @RegenSW


Head of technical services, Regen

Tim is a mechanical engineer with a broad range of experience in onshore heat consultancy, offshore marine renewables, building services and in the defence industries. Tim heads up Regen's technical capability and provision of advisory services for both the private and public sector, with a particular interest in district heating and energy storage. Tim joined Regen in 2010 after spending two years as Orecon's mechanical design engineer and has since been on two secondments in industry, working with Mole Valley Farmers and Parsons Brinckerhoff.

Talks speakers



Ben Aylott

 **@beaylott**
@CarbonCoop

Systems developer, Carbon Co-op

Ben Aylott is a systems developer working for Carbon Co-op on open source and privacy preserving solutions for the future smart energy system. Carbon Co-op is an energy services co-operative based in Greater Manchester helping its members to reduce their carbon emissions to 2050 levels today (carbon.coop).



Jodie Giles

 **@RSWcommunities**

Senior manager, Regen

Jodie is a senior project manager responsible for the delivery of Regen's community energy support programme. Jodie engages with communities, developers and the wider renewable energy industry to support communities in the development of sustainable energy projects. Jodie has ten years' experience working in community engagement. She joined Regen from the Eden Project where she worked on community resilience, bulk energy buying, neighbourhood planning and social inclusion projects.



Ray Arrell

 **@RegenSW**

Senior project manager, Regen

Ray's main focus is to continue Regen's work and understanding around energy storage and the evolution of the UK's electricity network and system. Ray holds a first class honours degree in electrical engineering, is a registered incorporated engineer and sits on the SW regional committee of the Institute of Water. Ray joined Regen at the end of January 2017, after 13 years working in energy management in the water industry, predominantly through a number of roles he held at South West Water.



Tim Marsters

 **@GreenHedgeGroup**

Commercial director, Green Hedge

Tim joined Green Hedge as commercial director in June 2016. Tim is a dealmaker with 20 years' experience in the commodity and energy markets. He has a track record in originating and executing equity, financing and derivatives transactions in the private equity, banking and utility sectors. He was previously commercial director at Lumaticity and worked at RWE within the investment section.



Naomi Harnett

@planner_naomi
@eastdevon

Principle project manager, Exeter heat networks, East Devon District Council

Naomi is a project manager with the Exeter and East Devon Growth Point team, with her work very much focused on partnership working. This includes the delivery of district heating in the greater Exeter area. She has worked with a range of partners to deliver a detailed evidence base for developing DEXTCO, an energy services company which will be commencing its first district heating project in the Exeter area. Naomi is a chartered planner and project manager, with a range of experience including policy development, economic development and planning delivery.



Mark Simpson

@eonenergyuk

Senior business development manager, E.ON UK

After an early career in IT Mark has over 10 years' experience in the low carbon and renewable decentralised energy market. E.ON Community Energy is a leading ESCo & district heating business with over 40 schemes across the UK, building a strong market position in residential heating. Now a Devon resident, Mark is based at the award winning Cranbrook and Skypark Energy Centre helping local authorities and house builders across the South West develop district heating schemes that comply with planning and carbon reduction policies.



Exhibitors

Argand Solutions

 @ArgandEnergyUK

www.argandsolutions.com

Argand Solutions is an Innovate UK-funded technology business focused on the energy and environmental sector. They have developed a “vertically integrated” energy and environmental data analytics software platform, which is specifically differentiated from competitors through the provision of real-time asset risk management and automated “behind the meter” billing management.



BCR Associates

 @BCRAssociates

www.bcrassociates.co.uk

BCR Associates is a cost and risk management consultancy that works with SMEs and larger corporate companies throughout the lifetime of their business to increase efficiency, ensure compliance and rationalise procurement costs. Their fully managed service covers energy procurement, infrastructure and carbon reduction as well as telecoms, insurance, business supplies, finance, staff and H&S, vehicles and water.



Beco Energy Ltd

 @becouk

www.becouk.com

Covering renewable power, solar panels and wind turbines to LED lighting and electricity contracts, Beco Energy deliver energy savings to homeowners, businesses, community and agricultural customers. Established in 1979, Beco Energy have worked with a diverse group of clients ranging from the Environment Agency to local schools and community projects, to apply effective solutions to any number of power challenges. Carbon Trust accredited.



CENEX

 @CenexLCFC

www.cenex.co.uk

Cenex is an independent not-for-profit low emission vehicle research and consultancy organisation. Originally set up in 2005, Cenex specialises in helping private and public sector organisations to assess, implement and validate ULEV strategies. Cenex is showcasing the vehicle-to-grid projects it is involved in, and the vehicles used in current trials.





CEPRO



www.cepro.co.uk

CEPRO is a community energy developer focusing on microgrid based rooftop solar and heat pump projects. CEPRO fund, construct and operate fully managed community ESCOs that enable housebuilders to maximise onsite renewables.



ENERCON UK



www.enercon.de/en/home/

ENERCON UK has over 1 GW of installed capacity a market share of 18 per cent, and 270 support staff. ENERCON is focused on supplying the best wind turbine solutions for single wind energy conversion, onsite generation and multi wind energy conversion projects.



Forest Fuels



www.forestfuels.co.uk

A specialist supplier of premium grade wood fuel – both wood pellet and wood chip - to over 1,200 boilers. Forest Fuels offer biomass consultancy, biomass technical services - including remote monitoring of fuel usage, maintenance and servicing as well as fully funded biomass Energy Supply Contracts (ESCOs).



Gamma Energy



www.gammasg.com

Gamma Energy is a technological group provider of commercial and utility scale energy systems worldwide. Constantly innovating and leading the industry in ground mounted and roof top PV installations, nowadays a cutting-edge company in battery storage development. Experience in energy efficiency services, Gamma owns their own LED brand, which in combination with the "behind the meter" installations are able to make our communities more efficient and contribute to the world CO2 reduction targets.



Exhibitors

Led-Zip Lighting



www.led-zip.co.uk

Led-Zip lighting is an independently run LED lighting distributor and consultation company based in Bournemouth. With bespoke manufacturing facilities and fully qualified staff, the Led-Zip team are able to offer professional LED fittings and technical backup advice to private clients and suppliers to the trade.



Livery Dole Mitsubishi



www.liverydole.co.uk

Livery Dole are proud to be one of the longest serving and most experienced Mitsubishi dealers in the country and continually strive to improve customer service. Over 60 per cent of business is repeat, and Livery Dole work really hard to ensure their sales and after sales departments provide great customer service.



Midas Energy



www.midasgroup.co.uk/mispace

Specialising in projects that “energy only” contractors can’t deliver, Midas Energy blends its capacity, skills and experience to deliver high volume housing retrofit programs and complex heat and power projects. Midas Energy are keen to help to develop district heat schemes, battery storage and load management solutions, LED replacements and data and metering projects.



National Grid



www2.nationalgrid.com/uk

National Grid is responsible for the System Operation of the GB Electricity Transmission System. Through the Power Responsive programme, they aim to promote the opportunities to save costs and/or earn revenue for businesses who offer flexible energy use known as demand side response (DSR). Visit the Power Responsive stand to find out how you can benefit from participating in DSR, what your next steps might be, and the latest developments occurring in the market.





Naturesave Insurance and The Naturesave Trust



@WeAreNaturesave

www.naturesave.co.uk

Naturesave Insurance offers specialist renewable energy insurance to community groups, contractors, consultants and operators. A percentage of the premiums goes into The Naturesave Trust, which helps fund community renewable energy projects. Please see www.naturesave.co.uk/communities for a free Handy Tips for Community Renewable Energy Groups.



Novalux Energy



@NovaluxEnergy

www.novaluxenergy.com

Novalux Energy are designers and installers of bespoke renewable energy solutions including organic rankin cycle, combined heat and power, solar and biomass. Experts in combined heat and power, Novalux offer a simpler alternative to gasification with long term maintenance plans, so you can step back and secure your income for the next 20 years.



OMNIE - The Whole House System



@omnieuk

www.omnie.co.uk

Underfloor heating, ventilation, heat pumps and network controls. OMNIE technologies work together to create the best possible indoor environment. OMNIE technologies are available as separate elements or as a complete system and are designed and manufactured at their advanced facility in Exeter, Devon.



Powervault



@power_vault

www.powervault.co.uk

Powervault is a new home electricity storage product, which helps households use energy more efficiently. It can store and supply solar energy or cheap electricity, and provide emergency power during black outs.



Exhibitors

Raymond Brown Construction

 @RaymondBConsLtd

www.raymondbrownconstruction.co.uk

Raymond Brown Construction is a modern, privately owned construction company operating throughout the UK. From the regional office in Wales, Raymond Brown Construction specialise in the construction of energy projects. Their extensive, in-house project and site management expertise enables them to compile high quality and competitive packages for energy clients effectively meeting their construction requirements.



Regen

 @RegenSW

www.regensw.co.uk

Regen passionately believes that sustainable energy has a vital role at the heart of a successful economy and thriving local communities. Regen are an independent mission led organisation that use their expertise to work with industry, communities and the public sector to revolutionise the way we generate, supply and use energy.



Regen Communities – community energy showcase

 @RSWcommunities

www.regensw.co.uk

Regen engages with communities, developers and the wider renewable energy industry to support communities in the development of sustainable energy projects. At this year's showcase Community Energy England, 361Energy CIC, Plymouth Energy Community, Fal Energy Partnership, South Dartmoor Community Energy and Exeter Community Energy will be available to talk about their projects and share knowledge of the sector with you.



Ruby Datum

 @rubydatum

www.rubydatum.co.uk

Ruby Datum offer faster and smarter approach to virtual data rooms. Their document storage and distribution platform recently hosted millions of documents in connection with the collapse of an international law firm. With offices in London and the south west, Ruby Datum provide an 'accessible anywhere', intuitive approach to due diligence.





Scottish and Southern Electricity Networks

 @ssencommunity

www.ssen.co.uk/Home

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 Scotland 24/7 365 days a year. Their first priority is to provide a safe and reliable supply of electricity to communities in Scotland and England.



South West Water

 @SouthWestWater

www.southwestwater.co.uk

South West Water is a significant energy consumer operating across Devon and Cornwall, who are committed to further investment in their energy efficiency and renewable generation programmes out to 2020 and beyond. Part of their strategy involves developing collaborative partnerships with local community groups and landowners on renewable energy projects.



Stephens Scown

 @StephensScown

www.stephens-scown.co.uk

Stephens Scown is a top 200 law firm based in the south west and is the current holder of the UK Law Firm of the Year title from the British Legal Awards. Their energy team has assisted in over 500 MW of renewable generation and they care deeply about the whole concept of renewable energy.



Sunamp

 @SunampLtd

www.sunamp.com

Sunamp has developed heat batteries, an idea which arose from an understanding that energy storage is at the heart of making renewables and energy efficiency work. There is over twice as much heat consumed in the world economy as electricity, so why isn't heat storage a major topic? Sunamp decided that it was and that's where they focus.



Exhibitors

SunGift Energy



www.sungiftsolar.co.uk

SunGift are award-winning energy experts and were named UK Clean Energy Contractor of the Year 2016 at the Solar Power Portal Awards. SunGift design, install and service renewable energy systems including solar PV, energy storage, LED lighting and heating. SunGift are the most recommended installer on independent energy site YouGen.



Triodos Bank



www.triodos.co.uk

Triodos Bank is one of the world's leading sustainable banks, and has been actively financing renewable energy projects throughout Europe for 25 years. In this time, they've worked with organisations and individuals of all shapes and sizes, from experienced developers, to land owners and community groups.



Wales and West Utilities



www.wwutilities.co.uk

Wales and West Utilities don't sell gas – they use their network of pipes to transport gas to homes and businesses throughout Wales and the south west of England. They respond to gas emergencies and invest in the network, connecting new properties and upgrading old metal pipes to new long-lasting plastic ones, to make sure the communities they serve receive a safe and reliable gas supply for generations to come. It's a vital service – and one they are extremely proud to deliver.



Wessex Energy Solutions (WES)

www.wessexenergysolutions.com

WES specialises in renewable energy and energy efficiency consultancy services and funded solutions for businesses and private clients.





Western Power Distribution

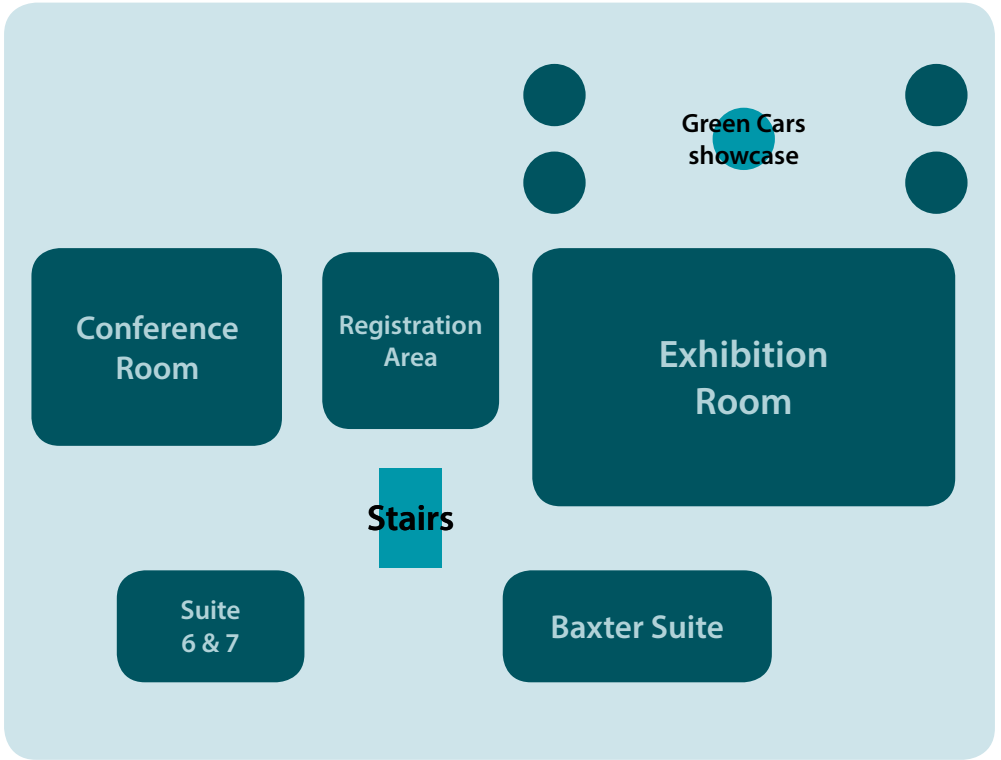
 @wpduk

www.westernpower.co.uk

7.5 million customers currently rely on Western Power Distribution to deliver a safe and reliable electricity supply to homes and businesses across south west England, south Wales and the midlands. WPD operate the electricity network of wires, cables, poles and substations, connect new customers and keep the lights on.



Exhibition layout





Membership with Regen

Joining Regen is a highly effective way of gaining high quality market and policy insights and developing your profile and connections as the transition to a smart, flexible, decentralised energy system based on renewables gathers pace.

We keep you informed

- ▶ Regular bulletins and policy updates and access to our expert team providing cutting edge insight into the latest changes in your sector so you can plan your business.
- ▶ Highly respected policy and networking events where delegates gain insight, engage with policy makers, and network with potential partners and customers. Our forthcoming events are listed here: www.regensw.co.uk/Pages/Events.
- ▶ Opportunities to engage in our influencing and policy work and contribute to thought leadership papers and consultation responses; input from our members helps us set the right policy for the industry.

We keep you involved

- ▶ Join our forums and work to collectively address practical issues such as grid and planning, working closely with BEIS, Ofgem, National Grid, DNO's and local authorities.
- ▶ Exclusive invitations to member-only events; such as our members' reception at the House of Commons. Keynote speakers have included former Secretary of State for Energy and Climate Change Ed Davey and Amber Rudd.
- ▶ Discounted exhibition space at Renewable Futures and Smart Energy Marketplace; our two major conferences and exhibitions, to raise your profile and generate new business.

We keep you connected

- ▶ Listed online as a member; this is a frequently used resource and encourages business relationships between the membership.
- ▶ Reach industry talent by posting your job vacancies on our networks and website for free.
- ▶ Opportunity to submit case studies for your company in different sector or project areas that we profile in our publications, showcase on social media and our website.
- ▶ Access to our Entrepreneurial Women in Renewables Network.
- ▶ Use of Regen Members' logo.
- ▶ Free use of the Engine Shed Business Lounge in Bristol.

More details can be found online: www.regensw.co.uk/benefits

Events

Attending our events is a key way of staying plugged into what's happening in your sector. Our forthcoming events are listed here: www.regensw.co.uk/Pages/Events/Category/key-events

Joining

Membership costs £840+VAT annually, or £295+VAT to small businesses (less than £1million annual turnover) based in the south west. For more details, visit: www.regensw.co.uk/benefits

You can sign up online, or contact Rachel on rhayes@regensw.co.uk or 01392 494399

Plymouth Energy
community

BPVA British Photovoltaic Association



reNEWS



GAS POWER HEAT SYSTEMS
NETWORK

