

Annual Report

2021/22



There is no time to waste



The only path out of the climate and economic crises we face is to lock in a secure clean energy future that will drive sustainable growth and shield people from high energy bills. Renewables, in the words of the German Finance Minister, are the “energy of freedom”.

It is the work of you, our members, partners and friends, that is showing that an affordable and secure zero carbon energy system is achievable. But we know there is much to do. Regen’s focus this year has been to work with you to overcome the challenges we face.

Our ‘A Day in the Life of 2035’ report with the Electricity System Operator provided detailed insight into the path to a zero carbon power system. We have put the spotlight on the challenges of electricity network capacity that is holding back low carbon investment. We have focused on the role of local leadership in tackling challenges like decarbonising heat and supporting the most vulnerable. In short, working with our members, we have used our expertise and pioneering work to move forward thinking on energy policy, systems and markets.

At a time of political turmoil, our commitment now is to work tirelessly with you to demonstrate that a clean energy future is within our grasp. There is no time to waste.

A handwritten signature in blue ink, appearing to read 'M. Hyman'. The signature is fluid and cursive, written on a white background.

Merlin Hyman
Chief executive, Regen

Our mission

Regen is an independent centre of energy expertise with a mission to accelerate the transition to a zero carbon energy system.

We are leading strategists on the pathway to a zero carbon energy system, focused on analysing the systemic challenges of decarbonising power, heat and transport. We know that a transformation of this scale will require engaging the whole of society in a just transition.

Regen uses three core methods to drive change:



Experts. We approach the energy transition from a position of knowledge and evidence. By understanding the technical, financial, political and societal enablers needed to make clean energy work, we can tackle the barriers preventing progress.



Pioneers. We choose to work in areas that are innovative or new. We take on challenges; we get cutting edge projects off the ground and share the learning to inspire and enable others to follow.



Conveners. We bring the right people and organisations together to create ideas and solutions to achieve change. We work across the energy industry and its wide range of stakeholders.

Our impact approach is based on applying knowledge and evidence to influence outcomes. We don't work in silos but use our expertise and connections with industry and our networks to identify key challenges and opportunities in the energy transition, quickly becoming topic experts, gathering evidence and using our unique industry position and relationships to make an impact.

 **5** strategic goals
to focus our impact

 **7,878** DELEGATES AT OUR
INDUSTRY-LEADING
EVENTS

 **15** THOUGHT LEADERSHIP
PAPERS & EVIDENCE BASED
REPORTS

 **48** WEBINARS, WORKING
GROUPS AND EVENTS
SETTING THE AGENDA

 **23** policy and consultation responses
79 member newsletters and updates

 **150** MEMBERS ACROSS
THE WHOLE
ENERGY SYSTEM

 **12** monthly Market
Insight Reports

 **60**

cutting-edge blogs
shaping the debate on
energy system
transformation



Overcoming barriers to
diversity and inclusion by

Training

25

women in
leadership
skills and
mental
fitness



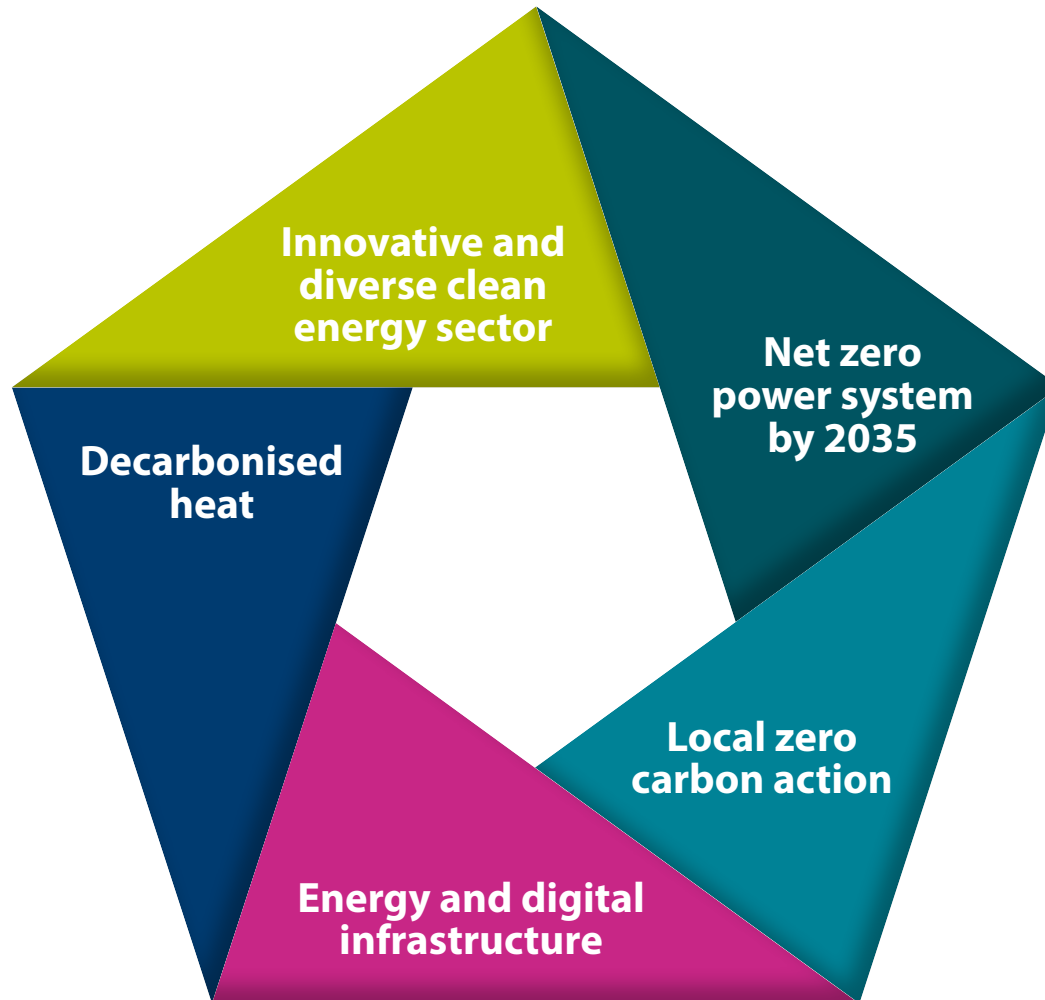
Matching **38**
women with
mentors



USING OUR SYSTEM EXPERTISE TO
FURTHER THE DEBATE AND INFLUENCE POLICY



Accelerating the journey to zero carbon energy



In 2021, the UK government published its Net Zero Strategy setting out a roadmap to achieve net zero emissions across power, heat and transport. The strategy provides a springboard for action; now we must focus on filling the gaps in policies and implementation.

Given the scale of the challenge, we know we need to show up with urgency and optimism about what is possible and a laser-like focus on where we can have most impact.

In response, Regen has sharpened our focus on five strategic goals over the next three years to accelerate the journey to zero carbon energy:

- 1 An innovative and diverse clean energy sector delivering high value job opportunities.
- 2 A coherent action plan delivered through national and local partnerships to decarbonise how we heat our homes.
- 3 A roadmap to a net zero power system by 2035 with policies to drive a fourfold increase in renewable generation and effective markets for flexibility.
- 4 Energy and digital infrastructure ready to connect and operate the EV chargers, heat pumps, storage and renewable power generation required in a zero carbon energy system.
- 5 Cities and regions with the powers, responsibilities and funding to plan for zero carbon power, heat and transport – ensuring a just transition for local communities.

An innovative and diverse clean energy sector delivering high value job opportunities

A transformation of the scale required to decarbonise our energy system will only succeed if the clean energy sector is equipped to be a driver of systemic change. Regen's focus is on bringing together our vibrant networks to solve key strategic challenges for the energy transition, tackling barriers to diversity and inclusion across the sector, and delivering a just transition for the workforce.

Championing diversity and energy justice

This year, our Women in Renewable Energy Network (ReWiRE) continued to lead the way in raising the profile and visibility of women in the clean energy sector. For example, building on the success of our mentoring programme, we provided leadership and mental health training to 25 women. We also reignited in-person events, bringing together the sector to take collective action to improve diversity, such as our offshore wind reception in Bristol with Selaine Saxby MP.

We also stepped up our work on energy justice, hiring a just transitions lead and establishing an internal Energy Justice Knowledge Hub focused on ensuring considerations of injustice are embedded into every aspect of our work and the energy transition – from offshore wind development to network innovation.

Unlocking the green jobs opportunity

In Autumn 2021, we led the Faces of the Energy Transition campaign in partnership with the UK energy trade associations, to showcase the jobs opportunity provided by the clean energy transition. The campaign was supported by the COP26 and Race To Zero teams, BEIS and Rt Hon Greg Hands, former Minister for Business, Energy and Clean Growth. Members of the Regen team headed to Glasgow to represent the clean energy sector at COP26, championing the importance of clean energy and green jobs.

“**Big shoutout to the fantastic ReWiRE mentoring programme for your commitment to helping women progress in clean energy. I recommend that other women sign up – a great way to broaden your network and meet inspiring people in the sector.**

FELICITY JONES, LIVEDILLIGENCE

The clean energy transition provides a massive economic and investment opportunity for local areas. We have supported local authorities with data-driven analysis to help understand and capture the job opportunities to be reaped from ambitious plans to invest in decarbonisation locally, such as our investment plan for Dorset Local Enterprise Partnership (LEP).

Our study for the Heart of the South West LEP analysed the practical opportunities for the development of floating offshore wind to promote strong socio-economic growth in the South West of England, increasing social mobility through engagement on marine renewable energy and the creation of new, future-proof jobs. The report was presented at the Northern Devon Marine event with Selaine Saxby MP, Chair of the Celtic Sea APPG.



Launch of ReWiRE's Celtic Sea Offshore Wind Women's Network with Selaine Saxby MP, chair of Celtic Sea APPG, in April 2022



Led by Regen, the 'Faces of the Energy Transition' video campaign showcased the diverse job opportunities provided by the clean energy transition ahead of the UK hosting COP26.

Providing a collective voice for change

Our Regen and Electricity Storage Network membership provides a powerful, innovative voice for change across the whole energy system, bringing together different parts of the sector to address key policy challenges.

Through our working groups, forums and events, we continued to provide our members with the opportunity to debate and shape key decisions impacting the energy transition, from grid connections to market reform.

Following a two-year hiatus during the pandemic, we were particularly delighted to bring our networks back together at the Green Energy Awards. In its nineteenth year, this was an unrivalled opportunity to recognise and celebrate



Regen's sell-out Green Energy Awards ceremony brought together the clean energy sector in Bath's historic Assembly Rooms in March 2021.

the innovative technologies, pioneering companies, and inspiring individuals shaking up the energy system and driving towards a zero carbon future. We received over 120 nominations – six of whom took home awards recognising their contribution to the energy transition.

Strategic areas for 2023:

- Engaging an even wider range of people and organisations in the energy transition and celebrating diverse voices, starting with our Women in Innovation Reception at the House of Commons.
- Convening the renewable and storage sector around the government's Review of Electricity Market Arrangements, to ensure the voice of the clean energy sector is represented.





I'm delighted to launch the Faces of the Energy Transition campaign on behalf of the trade associations representing the thriving clean energy sector, including Regen and the Electricity Storage Network.

It is fantastic to see so many people leading the energy transition in support of the UK hosting COP26 in Glasgow.

Rt Hon Greg Hands MP, former Minister of State for Business, Energy and Clean Growth, launching Regen's 'Faces of the Energy Transition' campaign in September 2021

A roadmap to a net zero power system by 2035 with policies to drive a fourfold increase in renewable generation and effective markets for flexibility

The UK government has set a target to decarbonise the power system by 2035 – a crucial milestone on the path to net zero. Regen is providing an informed and impartial voice on the policy, system and market changes that are needed to meet this target and safely deliver net zero power at lowest cost.

Carving the path to net zero power by 2035

Our 'A Day in the Life of a 2035 Decarbonised Electricity System' project with National Grid ESO took an evidence-based, data-driven look at the balancing, operability and resilience challenges of decarbonising the power sector to meet the government's 2035 target. By taking an hour-by-hour look at how such a system could operate, we showed that the target can be achieved whilst delivering benefits to consumers and we pointed to the innovative solutions that are already providing answers to the key challenges.

Using this analysis, we met with the Climate Change Committee, National Infrastructure Commission, a coalition of NGOs, MPs, BEIS, Ofgem, and charitable funders, to think strategically on key areas where collective action should be targeted to accelerate progress.

Accelerating renewable deployment

In response to the energy price crisis, Regen has been a key voice pressing for faster deployment of low-cost renewable energy to hedge against rising power prices.

We are pleased that, following our letter to Rt Hon Kwasi Kwarteng MP calling for more frequent Contracts for Difference (CfD) rounds, the UK government announced they would hold annual auctions, hitting the accelerator on renewable build-out. With our analysis of the fourth CfD auction showing record low prices for renewables, we are pushing the government to go further and faster by extending the use of CfDs to ensure consumers benefit from cheap renewables.

We have also been stressing the importance of developing a more diversified wind portfolio to boost the UK's energy security and reduce price volatility, in particular advocating for more offshore wind in the Celtic Sea. We held a roundtable with 30 leading developers and decision makers to inform our latest publication, 'Go West'.

We welcomed the government's raised ambition for 5 GW of floating offshore wind by 2030 and in response we have been producing regional studies on the infrastructure and policy challenges that need to be addressed, along with ensuring offshore developments benefit local communities.



Our 'A Day in the Life 2035' report with National Grid ESO sets out the critical components that must be in place to operate the 2035 net zero power system securely, without recourse to stand-by fossil fuels.



The insight from Regen should serve as a valuable torch for those leading us through the darkness on the path to a net zero energy system.

HUGH TAYLOR, CEO, ROADNIGHT TAYLOR

Unlocking the role of storage and flexibility

Through the Electricity Storage Network (ESN), we have continued our track record of driving change to unlock **the role of storage and flexibility in a resilient, renewable power system**, working closely with BEIS, Ofgem and National Grid ESO to address key barriers.

Reducing the carbon impact of flexibility markets has been one key focus of our lobbying with members and, following our 2020 **paper**, our ongoing work to improve the sector's approach led to proposals this year for the network operators to implement a carbon reporting methodology – a positive step towards making the carbon impact of flexibility markets more transparent.



The **Electricity Storage Network Annual Marketplace** in January 2022 brought together 600 delegates with 23 speakers across two days of online content to debate the role of storage in a zero carbon future. The replays have been watched over 2,000 times.

Shaping the future system

As the energy system evolves for net zero, Regen is working to ensure the transition does not create unpredictable consequences or perverse incentives for the investment needed in renewables, storage, heat pumps and EV chargers.

One key change is the development of a Future System Operator responsible for strategic energy system planning. We were **key voice** in the decision to make this an independent, publicly-owned body and we are pushing for this legislation to be brought forward as a priority. We are also meeting bi-monthly with the current system operator to shape the remit of the new system operator, ensuring industry views are represented.

We have engaged closely with BEIS to inform their Review of Electricity Market Arrangements (REMA), providing an independent view, keeping the sector informed, and shaping the debate through thought leadership, such as our webinar, '**Unpacking REMA**', which attracted nearly 500 delegates across government and industry.



Strategic areas for 2023:

- Providing an independent, informed view into BEIS' Review of Electricity Market Arrangements, ensuring the clean energy industry has a voice in this critical review to deliver net zero and end the UK's reliance on gas.
- Pressing for a new deal to be struck between renewable generators and consumers to reduce risks for investors and bring down bills.
- Working with the Electricity Storage Network to develop signals and markets that drive the smart and flexible solutions needed to operate and balance a net zero power system.



The aim of 'A Day in the Life of 2035' has been to bring to life the complex challenge of how a decarbonised electricity system can be operated securely, even with low renewable output or high demand. Regen's whole system expertise has been invaluable for helping weave together each piece of the puzzle and draw out clearly the key areas where there is a need for more action from industry and government now to meet our vital 2035 target.

Rebecca Hart, Strategic Engagement Manager, National Grid ESO

Cities and regions with the powers, responsibilities and funding to plan for zero carbon power, heat and transport – ensuring a just transition for local communities

A locally-led transition will bring the jobs, investment and resilience needed to level up the country and put us on course for net zero. Regen provides support to local authorities and community energy groups as unique and important stakeholders in the energy transition, ensuring their voices are heard and advocating for greater local powers, funding and resources to plan for a zero carbon future.

Empowering local leadership

Regen has been working with local authorities to enable decarbonisation within their areas. Through our [Local Authorities, Cities and Regions membership](#), we have provided support on planning for net zero energy to South Gloucestershire, West Midlands, Essex, Devon and Somerset. Our [Net Zero Dashboards](#) provide a benchmark for local authorities to track progress on emissions reduction across power, heat and transport.

Through events and forums such as our webinar on [onshore wind](#), we brought together local stakeholders to discuss what the latest developments in national policy mean for them and to disseminate learnings from existing projects.

We also engaged extensively with local authorities to hear their views on the powers, resources and funding they need to accelerate the journey to net zero heat in their areas. This led to our paper, [The Local Delivery of Clean Heat](#), which provides recommendations for national government to empower and support local authorities in planning for local heat infrastructure and delivering energy efficiency and retrofit locally.

The launch [webinar](#) with the Director of Clean Heat at BEIS engaged nearly 200 local authority officials and the paper was presented at BEIS' Local Net Zero Forum.

Innovative models for local energy

Our projects this year have involved working with local and regional authorities across the UK to develop innovative models to source and support local renewable electricity. For example, we worked with 10 partners on the [Greater Manchester Local Energy Market](#) to explore how the region could use local innovations to meet its target of zero carbon emissions by 2038.

Applying our expertise in local energy models, we wrote a guide setting out practical routes for local authorities to play a direct role in renewable energy project development as landowners, developers or purchasers of power - helping fill the gap between national and local ambition. The [webinar](#) heard pioneering examples from Devon County Council, Greater Manchester Combined Authority and Bristol City Council and provided authorities across the country with practical ideas and inspiration for how they can kickstart action towards local net zero targets.



In November 2021, we published a guide for local authorities on models to finance and develop renewable energy locally, helping local areas meet their climate ambitions.

Championing community energy

For over 10 years, we have supported and developed a network of community energy organisations across the UK, helping to advocate for more supportive policy, unlock innovation and provide direct project support.

This year, we were able to bring the network back together through our leading in-person **community forums**, providing the opportunity to re-connect and hear inspiring examples of community energy projects across the UK. The **forums** focused on helping community energy groups with their crucial role in delivering energy efficiency and tackling fuel poverty locally through, for example, providing retrofit training with Carbon Co-op.



Our community forums this year brought together 387 local and community energy stakeholders to equip communities with the skills, expertise and support they need to help their local areas decarbonise.

Community energy groups have a key role in unlocking social benefits from local clean energy projects. In collaboration with Devon Energy Collective, this year we kicked off **Power Allotments Devon** to help local authorities find new sites for community-owned renewable energy generation to get projects running that will generate real local benefits.

We also worked with network operators to step up their engagement with communities, helping ensure community energy groups are able connect projects to their local network. Our **work with National Grid Electricity Distribution** to produce their updated **Net Zero Communities Strategy** for 2022 supports their ambition to connect at least 30 community-owned generation projects each year and our forums with Northern Powergrid helped community groups build their knowledge and engagement with key energy system actors.



Strategic areas for 2023:

- Ensuring local and regional stakeholders have a core governance and delivery role in planning for a net zero system, supported and empowered by central government.
- Unlocking the huge potential for local and community benefit from developing renewable energy, both onshore and offshore.
- Ensuring that communities are heard and represented in national policy decisions and that their particularly crucial role in energy efficiency and fuel poverty is recognised.



The Net Zero Dashboard has enabled us to combine a range of key climate data into one place that is both visually attractive and more engaging – condensing the lengthy reports that we have used to date into a more public friendly format.

South Gloucestershire Council

Energy and digital infrastructure ready to connect and operate the renewable and low carbon technologies required in a zero carbon energy system

To meet net zero, significantly more renewable and low carbon technologies will need to connect to the network. Regen is working to address this challenge by accelerating progress towards a more strategic, smarter approach to our energy networks.

Market leaders in future scenario analysis

Since 2015, Regen has pioneered the Distribution Future Energy Scenarios (DFES) for the electricity and gas distribution networks to inform their network investment, providing a bottom-up, evidence-based look at potential future energy pathways at a local level.

This year, our [DFES analysis for Scottish and Southern Electricity Networks \(SSEN\)](#) showed their pipeline of prospective projects is amongst the biggest and most active to date. We are pleased to have developed a set of credible regional scenarios, supported by significant stakeholder input, which help SSEN prepare their network for net zero.

We also kicked off this year's [DFES with National Grid Electricity Distribution](#), consulting with over 125 local authorities, project developers, asset owners, energy consumers, community energy groups and others to ensure that their network facilitates the net zero ambitions of all stakeholders.

Solving key energy network challenges

Our new [Grid Connections Working Group](#) was established this year in response to members' concerns that grid processes are slowing down the connection of new renewable and low carbon projects at the pace needed for net zero.

Bringing together our members with National Grid ESO, Ofgem, BEIS and the network operators, we have already made progress on addressing key policy blockers, such as encouraging a network operator to relax policies hindering storage connections in certain areas of the grid.

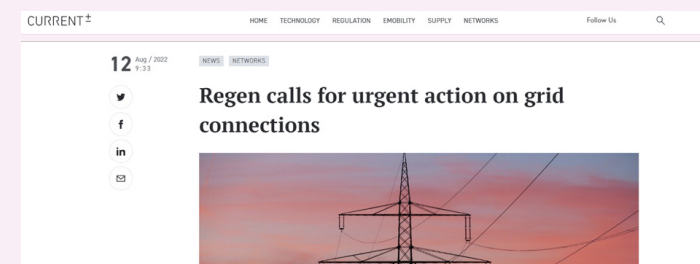
With the support of this group, we also launched a high-level campaign to press for urgent reform of connections processes if the UK is to meet its strategic energy goals, which included writing to [Ofgem](#) and [BEIS](#) and briefing key players such as the National Infrastructure Commission.

We have also been a key voice in Ofgem's review of how projects pay for connecting to the network and, via our position on the Charging Futures Forum, we helped shape the decision to make it cheaper for demand customers to connect. Now we are working closely with Ofgem to enable a more strategic approach to network investment that matches net zero ambitions.

“New clean energy projects are facing significant delays to connect to the grid, which is quickly becoming one of the biggest barriers to meeting the UK's net zero and energy security goals.

Solving this challenge requires industry collaboration and Regen has played an invaluable role in convening the right people together to move solutions forward.

CHARLIE DEACON, RENEWABLE CONNECTIONS

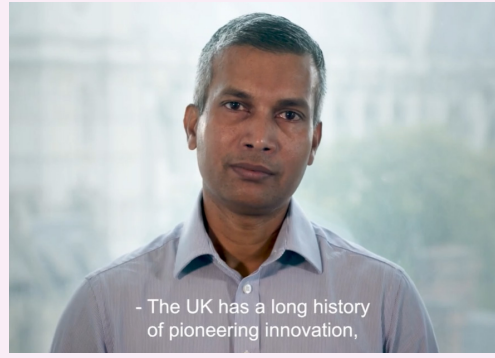


With the support of our members, our campaign calling for urgent action on network issues engaged the top levels of BEIS, Ofgem and National Grid ESO, and reached the trade press.

An innovative, smarter energy system

Planning for and operating the future energy system, with many more assets and actors than today, will require a smart and innovative approach. Regen contributed to the UK government’s Energy Digitalisation Strategy with Ofgem and Innovate UK by visualising the actions needed to unlock a smarter, digitalised system.

This year we also worked with the Energy Networks Association (ENA) to update their Energy Networks Innovation Strategy, shaping the cutting-edge innovation work that will guide future investment for the most critical aspects of a just transition to net zero energy. Building on this, we worked with ENA to bring together content for the Energy Innovation Summit in Glasgow in September 2022, convening 1000 innovators, decision-makers and industry pioneers to discuss how to turn new ideas and partnerships into real-life innovation projects.



Regen helped bring together the Energy Innovation Summit in Glasgow, in partnership with ENA, Ofgem, Innovate UK and BEIS. In the lead up to the Summit, we led a video campaign to profile some of the leading innovations helping the UK meet net zero, featuring Octopus EVs and BEIS.



Strategic areas for 2023:

- Enabling the delivery of strategic, timely investment in network capacity sufficient to facilitate the clean energy transition.
- Unlocking the role of storage and flexibility in enabling the pipeline of prospective clean energy projects to connect and in keeping system balancing and constraint costs down.
- Unlocking the value of our energy networks for net zero, energy security, and economic growth.



The work that Regen has undertaken for SSEN's future scenarios is crucial in supporting informed decision making which enables timely and cost-effective network management.

Andrew Roper, Distribution System Operation Director, Scottish and Southern Electricity Networks

A coherent action plan delivered through national and local partnerships to decarbonise how we heat our homes

In October 2021, the UK Heat and Buildings Strategy set out the government's ambition to reduce emissions from heating. Since its publication, the cost-of-living and gas price crisis have heightened the imperative to reduce the UK's reliance on fossil fuels to heat our homes. In response, Regen stepped up our efforts to accelerate a just transition to zero carbon heat.

Shaping heat and buildings policy

In the lead up to the Heat and Buildings Strategy, we briefed key players including BEIS and the Climate Change Committee on the changes needed in policy, finance and regulation to jumpstart the transition towards clean heat. Our '[Four Policy Pillars for Heat and Buildings](#)' helped shape the policy agenda, including the commitment to rebalance levy costs on electricity bills in the Energy Security Strategy and the introduction of regulation for heat network zoning in the Energy Bill.

Harnessing the power of collective action, we joined strategic campaigns with NGO partners which contributed to crucial policy wins this year, such as the [removal of VAT for energy saving measures](#) in the 2022 Spring Statement.

Our insight paper, '[Hydrogen for Heat: Eight Critical Questions](#)', cut through the noise in the hydrogen debate by providing an evidence-based and realistic assessment of the role of hydrogen in domestic heating. We are continuing to feed insights to the BEIS hydrogen team to shape their decision on whether hydrogen will be feasible for domestic heat before 2026.

As a result of our evidence-based thought leadership in zero carbon heat, we are now working with the Welsh Government to produce their national Heat Strategy.

A strategic, local approach to energy efficiency

Our paper on '[The Local Delivery of Clean Heat](#)' provides practical recommendations for how national government could take a more strategic, local approach to energy efficiency – helping to both bring down bills and cut carbon emissions. The [launch event](#) heard from the David Capper, the Director of Clean Heat at BEIS, on the government's plans to take a local approach to delivering heat networks. Our recommendations have been shared with Regen's network of over 100 key decision makers and opinion formers, including BEIS Select Committee members, and the paper was presented at BEIS' Local Net Zero Forum.

Building on our existing track record in the 'nuts and bolts' of heat retrofit and supply chain, we also worked with local authorities, such as Devon County Council, to assess the most effective route to reduce emissions from their local housing stock, helping to develop plans that local areas can act on.

Connecting action from the local to the Westminster level, we joined campaigns such as 'Warm This Winter' to call for stronger political leadership on addressing fuel poverty and we worked with West Midlands Combined Authority to ask that more Energy Company Obligation funding be extended to local authorities – a measure which was included in the Chancellor's 'Growth Plan' in September 2022.



In '[The Local Delivery of Clean Heat](#)', we argue that local authorities will be key to deliver heat decarbonisation, but only with the right powers and support from national government.

Communicating the benefits of a just transition to zero carbon heat

This year we hired a just transitions lead to sharpen our focus on ensuring poverty and inequality is addressed as the UK transitions to zero carbon heat. Through this, we have stepped up our media and political engagement to communicate the importance of ensuring no one is left behind, including briefings with BBC and Scottish Government.

One key barrier to transitioning away from fossil fuel heating is lack of public engagement on cleaner options. This year, we reignited [Regen Art Lab](#) to address this challenge, bridging the gap between energy experts and artists to explore creative ways to communicate the benefits of zero carbon heat and the technology options available.

The work that resulted from the artist residency, '[Heat Creatures: Warming Our Homes, Not Our Planet](#)', was exhibited at the University of Plymouth's Sustainable Earth Hub throughout Spring 2022 and attracted the interest of energy experts, artists and the public alike.



Regen Art Lab's '[Heat Creatures: Warming Our Homes, Not Our Planet](#)' teaches us about the world of home heating and how it impacts the climate emergency.

Strategic areas for 2023:

- Pressing for urgent and strategic action to insulate homes and protect the most vulnerable from rising bills as the gas price crisis endures.
- Working with local authorities to ensure that heat and energy efficiency funding is effectively targeted to where it is most needed and that the appropriate powers and responsibilities are devolved.
- Engaging with BEIS to enable progress on delivering the Heat and Buildings Strategy, recognising the heightened urgency to switch the UK away from fossil fuel heating.





It's great to see Regen's report on The Local Delivery of Clean Heat that's come out today. Regen is an excellent organisation, and you always offer fantastic insight about how we can take forward the economy-wide transformation that is needed to decarbonise our heat and buildings.

David Capper, Director of Clean Heat, Department for Business, Energy and Industrial Strategy, on Regen's paper 'The Local Delivery of Clean Heat', published in July 2022

Shaping the public policy agenda

Regen works with our 150 member organisations to ensure UK policy drives forward action towards our five strategic goals. In 2021-22, we brought constructive, evidence-based insight to shape and challenge key policy decisions.

Net Zero Strategy

The publication of the UK's Net Zero Strategy was a key milestone on the path to meeting 2035 and 2050 net zero targets. Regen welcomed the publication, in particular recognition of the role that local authorities and communities must play in the transition, but now call for greater detail on key policy measures and timeframes for implementation.

COP26

Regen's associate director, Rachel Hayes, was seconded into the Strategy Team at the Cabinet Office during 2021, with the aim to ensure the views of the UK clean energy sector were represented in delivering the 'Glasgow Climate Pact'. Other members of the Regen team also headed to Glasgow to champion the importance of clean energy in tackling climate change, providing future-proof green jobs and delivering economic growth.

Gas Crisis

In response to soaring gas prices creating a heightened imperative to reduce the UK's reliance on global fossil fuels, Regen set out seven measures for the UK to jumpstart the delivery of its Net Zero Strategy but with the much greater level of urgency demanded by the crisis.

Future System Operator

Regen was a key voice in the decision to make the System Operator an independent, publicly owned body responsible for strategic oversight of electricity and gas networks. This is a positive step for net zero, if the detailed implementation matches the ambition set out.

Heat and Buildings Strategy

Regen welcomed the UK Heat and Buildings Strategy published in 2021 as a key step forward on the UK's path to tackle the challenge of decarbonising our homes. To kickstart the delivery of the strategy, we called for the government to provide a step-change in funding and investment into heat and energy efficiency.

Energy Security Strategy

The Prime Minister's British Energy Security Strategy, published in response to the gas price crisis, was a missed opportunity to deliver the urgent action needed to end our reliance on fossil fuels and support people struggling with their energy bills. Regen called for the government to boost energy security by ramping up support for energy efficiency and to unlock the pipeline of shovel-ready renewable projects ready to deliver electricity quickly and at lowest cost.

Cost-of-living crisis

Following the Treasury's announcement of a package of measures to support households with rising energy bills, Regen called for more urgent and considerable action to be taken across the whole energy system to address the fundamental issues driving the crisis.

Energy Security Bill

Regen welcomed the announcement of an Energy Bill in the Queen's Speech as an unrivalled opportunity to set legislation that accelerates the transition away from fossil fuels towards clean energy. However, we highlighted the key gaps, most crucially ensuring that net zero is at the heart of the remit of the energy regulator.

Contracts for Difference Round Four

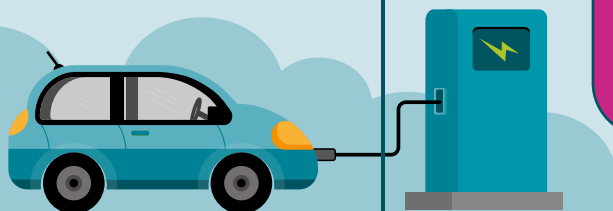
The announcement of the fourth Contracts for Difference Allocation Round confirmed record low prices for renewable energy generation. Regen's analysis showed that these new renewable projects could have saved UK consumers £3.2 billion had they been built in time for the energy price crisis.

Review of Electricity Market Arrangements

In response to the announcement of BEIS' electricity market reform, Regen dissected the questions, risks and opportunities that these changes could pose for renewables, storage and other low carbon technologies.

It's been a huge pleasure working with you over the years. Regen is a delight to engage with and you've had an incredible impact on GB energy policy!

BEIS Representative



Key partners





Join us

Together with our members, we provide an expert and highly influential combined industry voice for the transformation of the whole energy system – guiding shifts across power, heat and transport. Join us to get plugged in through our policy and market insights, system knowledge and extensive network developed through our pioneering projects and leading events.

For more information or to sign up, visit www.regen.co.uk/membership or email membership@regen.co.uk

“ I wanted to say thank you for facilitating and organising the call yesterday with the ESO. I appreciate that a lot of work was conducted around it and I found it incredibly beneficial. It was great to see the collaboration of the market and the result it can achieve.

MEMBER



Have influence

- ▶ **Shape the policy agenda** by joining our working groups which engage with BEIS, Ofgem, National Grid ESO, Distribution Network Operators and local authorities to address the cutting-edge issues of the energy transition.
- ▶ **Meet directly with decision makers**, input into consultation responses and have your views represented at the heart of government.
- ▶ **Collaborate and partner** on position papers and thought leadership projects, such as our recent Decade to Make a Difference series.



Stay informed

- ▶ **Get plugged in with timely updates** on the latest net zero policy activity and fortnightly newsletters with opportunities to help shape changes across policy, markets and regulation.
- ▶ **Gain support** from our unique and talented team, whose technical expertise covers all aspects of clean energy.



Raise your profile

- ▶ **Connect with the sector** by attending Regen's leading events and have the first option to sponsor or exhibit, plus receive discount on selected third-party events.
- ▶ **Develop business relationships** by featuring in our members' directory and reach industry talent by advertising job vacancies on the Regen website
- ▶ **Join an innovative community** dedicated to achieving net zero and take part in Regen's network for women in renewable energy to help create a more diverse and inclusive sector.

Our members

Adaptogen Capital	Chelwood Community Energy	Edengeothermal	Freeths
Aldustria Limited	Clarke Energy UK	EDF Energy	G2 Energy
Alfen	Clean Energy Prospector	EDF Energy Renewables	GA Solicitors
Amp X Ltd	Communities for Renewables CIC	Electricity North West Ltd	Gemserv
Arenko Cleantech Ltd	Community Power Cornwall	Empire Engineering Limited	Geneco
Argand Solutions Ltd	Conrad Energy	Energy Saving Trust	GJ Renewables Ltd
Aura Power	Constantine Group	Energy Systems Catapult	Gloucestershire Science & Technology Park
Awel Aman Tawe	Cooks Plumbing and Heating Ltd	Energy4All Ltd	GoBe Consultants Ltd
B3 New Energy	Cragside Energy	Energyandpowertech	Good Energy Ltd
Banks Renewables	Dale Power Solutions	Enso Energy	Gore Street Capital
Bath & North East Somerset Council	Denchi Group	Envirotech Energy Solution Limited	Graham Oakes
Bath and West Community Energy	Devon County Council	EQUANS	Green Nation
Bournemouth, Christchurch and Poole Council	Devon Energy Collective	ESB Energy	Greenshop Solar Ltd
Brendon Hill Tree Services Ltd	DNV GL	Essex County Council	Gresham House
Bristol City Council	Dorset Community Energy Ltd	Ethical Power Ltd	GridBeyond
Bristol Energy Coop	Dunster Biomass Heating	Exeter Community Energy	GridIMP
Brook Green Innovation	Dunster Heat Ltd	Federation of Master Builders	GRIDSERVE
BSR Group	Eco Nrg Ltd	Flexitricity	Habitat Energy
Burges Salmon LLP	Eco NRG Group	Fluence Energy	Highview Power
Business Critical Solutions Ltd	Econergy	Foot Anstey	Immersa Ltd
Carlton Power	EDEN Sustainable Ltd	Frazer Nash Consultancy	Infinergy Ltd

Our members *continued*

Lane Clark & Peacock	Otter Energy	Simply Blue Group	The Microgrid Foundry
Laurence Associates	Pegasus Planning Group	Solar PV Tech	The Quarry Battery Company Limited
Lewis Davey Ltd	Plymouth Energy Community	Solarsense UK Ltd	Thrive Renewables
Low Carbon Alliance	Portland Harbour Authority	Somerset County Council	TLT LLP
Low Carbon Contracts Company	Powervault	South Brent Community Energy Society	Triodos Bank
Low Carbon Estates	Public Power Solutions	South Dartmoor Community Energy	University of Bristol
Low Carbon Gordano	Pulse Clean Energy	South Gloucestershire Council	University of Plymouth
Mentone Energy	Pure Energy Professionals Ltd	South West Water	Valda Energy Limited
Michelmores LLP	Renew Legal	Southern Staffordshire Community Energy	VEST Energy
Modo Energy	Renewable Exchange	SSWUK Limited	Voltalia UK
Mypower	Renewables First Ltd	Storelectric Ltd	Wales & West Utilities Ltd
National Grid ESO	RenewEV	Sungift Energy Ltd	West Midlands Combined Authority
Naturesave Insurance and The Naturesave Trust	RNA Energy	Sustainability Practice	West Solent Solar Cooperative
Newcastle University	Roadnight Taylor	Sustainable Direction Ltd	Wiltshire Wildlife Community Energy
Nottingham Energy Partnership	RPS Group Plc	Swanbarton Energy Storage Consultants	Windcluster 2000 Ltd
OM-3	RWE	Tamar Energy Community	Yealm Energy Community
One Planet	Schneider Electric	Teign Energy Communities	Zenobe Energy
Open Energi	Scottish and Southern Electricity Networks	The Holme Estate	Zero Carbon Marine Ltd
Opus Energy	Scottish Power Renewables	The Landmark Practice	ZLC Energy
Osborne Clarke	Sembcorp		

Team and board

Regen team

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Merlin Hyman	Chief Executive	mhyman@regen.co.uk
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Sophie Whinney	Energy Analyst	swhinney@regen.co.uk
Hazel Williams	Associate Director	hwilliams@regen.co.uk

Board of directors

Sonya Bedford	Partner, Spencer West LLP, Solicitors
Philippa Eddie	Commercial Finance Specialist, Infrastructure and Projects Authority
Johnny Gowdy	Regen
Michael Huntingford	Chairman, Regen; Director, Zero Carbon Marine Ltd
Merlin Hyman	Regen
Alan John	Consultant, Osborne Clarke
Cathy McClay	Trading and Optimisation Director, Sembcorp Energy UK
Kayte O'Neill	Executive Director and Director of Markets, National Grid ESO
James Vaccaro	Associate Director, Cambridge Institute for Sustainable Leadership; Senior Advisor, Triodos Bank

Accounts

Profit and loss account for the year ended 31 December 2021		
	2021	2020
	£	£
Turnover	1,714,197	1,493,079
Cost of sales	(810,438)	(733,375)
Gross profit	903,759	759,704
Administrative expenses	(703,103)	(612,124)
Exceptional item	4,357	5,744
Operating surplus	205,013	153,324
Interest receivable and similar income	1,296	1,659
Surplus on ordinary activities before taxation	206,309	154,983
Tax on ordinary activities	(37,750)	(29,497)
Surplus on financial year after taxation	168,559	125,486

Balance Sheet for the year ended 31 December 2021				
	2021		2020	
	£		£	
Fixed assets				
Tangible assets	51,094		45,974	
Current assets				
Debtors	370,383		306,270	
Cash at bank	1,257,135		966,066	
	1,627,518		1,272,336	
Creditors				
Amounts falling due within one year	(517,060)		(326,319)	
Net current assets	1,110,458		946,017	
Provisions for liabilities		(9,661)		(8,659)
Net assets		1,151,891		983,332
Capital and reserves				
Profit and loss reserves		1,151,891		983,332

The information on this page has been taken from the company's financial statements for the year ended 31 December 2021, audited by Simpkins Edwards and approved by the Regen board in June 2022. Full copies of the accounts can be obtained from Regen.

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Regen is a trading name of the company Regen SW registered number: 04554636