

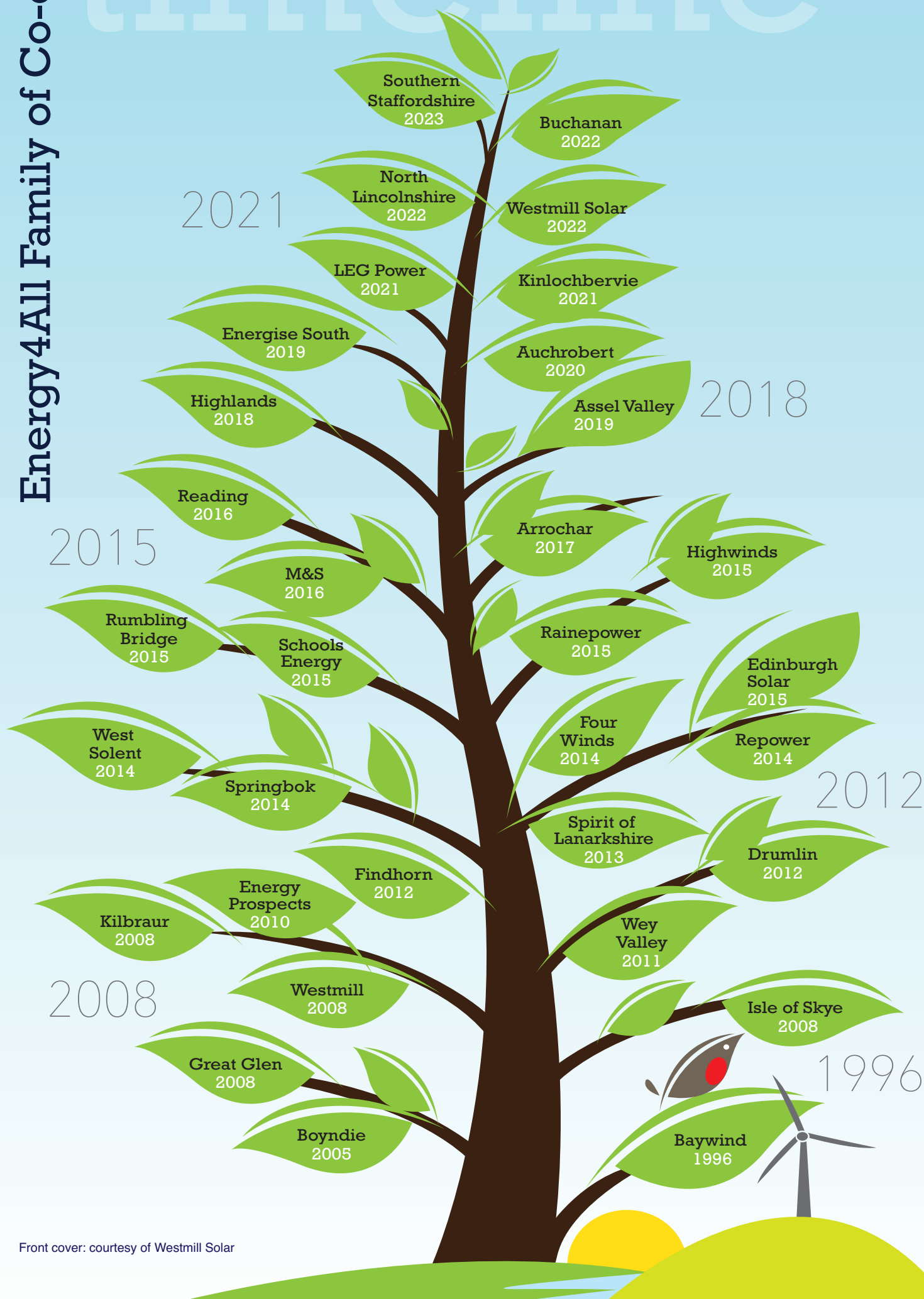
# Energy4All Annual Report

TO APRIL 2023





# timeline



# “ Chair’s statement ” April 2023

## Energy in the news...

The energy issue burst onto our screens just over a year ago with the awful conflict in Ukraine. The resulting rise in energy costs demonstrated our continuing dependence on fossil fuels. We also saw how energy supply disruption can affect sectors as diverse as domestic food production and the viability of small businesses. The UK government was forced to introduce a hugely expensive system of emergency subsidies to help households meet rapidly rising energy bills.

Meanwhile global CO2 emissions continue to rise, meaning that the UN target of 1.5 degrees is becoming ever harder to achieve. The impact of climate change includes forest fires, flash floods and a continuing drought. These changes hit the poorest countries hardest.

There are some positive signs. Governments increasingly recognise that energy security and climate change are interlinked. The UK Government has published plans to decarbonise the economy, and across Europe different countries are developing plans to drastically accelerate a clean energy transition.

### **Citizens working together**

Energy4All remains convinced that a successful energy transition needs to have a strong citizen element. Energy4All wishes to see an energy transition that gives people genuine control over a key aspect of modern life. This difference shows through in how different Energy4All co-operatives have responded to the climate emergency. Instead of simply booking bumper profits, our co-operatives are working on how any additional surpluses can be used to address energy poverty through community funds or deliver more community owned renewable energy. Several more established co-operatives are relatively cash-rich and are prudently, but co-operatively, using some of those balances to support newer co-operatives.

One of the most encouraging developments has been the success of the consortium which includes Energy4All in winning bids to develop offshore windfarms off the Scottish coast. Since my last report this consortium has been awarded rights to develop two further smaller offshore wind farms. The intent is to use these smaller sites to focus on technical innovation, including in low carbon concrete, supply chain development and social innovation, fully engaging the Scottish community in these projects.

### **Developing our family**

In the last year we welcomed the Westmill Solar co-operative to our growing family of 33 community energy co-operatives. Westmill Solar is a major and pioneering project adjacent to the existing wind co-operative, whose 1,600 members have been active in supporting community development in their area and nationally. Their board and members share our values and our vision for a far more prominent role for citizen engagement in the delivery of net zero. We are excited to be co-operating with them to support their development and the delivery of this mission.

After our year end we were delighted also to welcome Southern Staffordshire Community Energy as a member. They are undertaking some pioneering fuel poverty alleviation work in partnership with the NHS which is funded by the surplus from the Society’s solar arrays installed on two NHS hospitals, and we are working with them to further develop this model.

We have recruited our first co-operative development officer, with a different focus from our other development work. Rachael Hunter has been employed to work with several of our member co-operatives to support their development, delivery and sharing of best practice in co-operative values. This work enables our members to demonstrate the co-operative difference and the additional value that engaged citizens bring.

Our new members Buchanan and LEG Power Lochaber have now successfully commissioned their community hydro projects. The solar farm in Dundee moves ever closer to delivery and North Lincolnshire Community Energy has now delivered its first six solar rooftops, with significant support from North Lincolnshire Council. Its first share offer is imminent.

Finally, despite BREXIT, we remain an active member of RESCcoop, the co-operative of European community energy organisations, and with the support of other RESCcoop members are participating in a project to support countries across the European Union to create more citizen energy projects.

*Mike Smyth*

Mike Smyth MBE

**Chair, Energy4All - April 2023**

# “ Chief Executive’s report ”

What a year 2022 turned out to be...

There were new, exciting and major technologies to work with, Co-ops joining us and lots of potential new projects for us to work on. We have struggled at times to cope with the competing challenges presented by our mission but are resolved to meet these challenges and continue to present new models of community ownership that are replicable elsewhere.

We are using new processes to work more flexibly and efficiently. We have adopted a hybrid work model. We have redesigned our systems and equipped staff so they can spend some of their time in an office but can also work from home when needed. Many of our staff have caring responsibilities and these arrangements allow them to balance work alongside other demands. We increasingly use video-conferencing for more operational meetings - reducing carbon emissions from travel as well as minimising travel time.

Our office has started a programme of more efficient working, simplifying systems, moving our back office to “Teams”. We have re-structured our office with Cassie Bell promoted to lead the accountancy team.

We have opened remote offices, and we now have a dedicated office space in Oxford which can act as a hub for staff based in the south-east of England.

We welcomed several new team members whilst other people have taken on different roles. Helen Harker, Jessica Dunning, Sarah Flood and Stephen Kelly have joined the development team. We said goodbye to Tom Nockolds who has left to help launch Loco Home Retrofit in Glasgow. John Millen joined the office to strengthen our in-house asset management function. The Barrow office also welcomed Bledar Bogiqi and Kerrie Pearson who have both joined our accountancy team. Finally, Rachael Hunter has taken on our co-operative development role – and has also replaced Marna McMillin as a nominated director to REScoop.EU.

The last Annual General Meeting members spoke about the need for strengthened communication between co-operatives. We have launched an IT platform “Loomio” to enable better collaboration between co-operatives, and are organising a separate in-person member conference in Cumbria in October 2023.

Looking forward the office is getting ready to launch a number of new share offers in the coming year and another key focus is going to be the ongoing preparatory work to deliver the community element of the offshore projects

*Marna McMillin*  
Marna McMillin,

**Chief Executive, Energy4All - April 2023**



# The Energy4All Model

Energy4All's values are based on cooperation. We support a network of cooperatives with a shared mission to create more local, community-owned, renewable energy across the UK. We use our expertise to develop new projects and to extend existing schemes. Any surpluses we make are ploughed back into furthering our mission.

## What we do

Energy4All works with communities, developers, landowners, and public bodies that want to develop genuinely co-operatively owned renewable energy. We do this by:

- Developing a long-term business case
- Supporting the project through the planning process
- Helping the community raise funds through public share and bond offers
- Using our technical expertise to oversee project construction
- Managing the continued operation on behalf of the community
- Supporting the independent co-operative board

Each independent cooperative is led by its own board with local people. Once operational those new co-operatives become shareholder members of Energy4All and in turn support the development of more community energy projects through their membership.

## Our history

Energy4All is based in Barrow-in-Furness in north west England and was created by Baywind Energy Co-operative to develop other community owned renewable energy projects across the UK. Our development team members are based across the UK.

The first Energy4All project was Westmill Windfarm in Oxfordshire which was launched in 2005 and built in 2008. Further wind co-operative projects followed, several in Scotland in partnership with Falck Renewables. Energy4All has developed a range of solar projects, both ground-mounted and on roofs of buildings – including the award-winning The Schools Energy Cooperative.

Energy4All has developed new renewable technologies including Community Heat at Springbok and a range of co-operative owned hydro schemes. We have worked with local authorities and businesses – such as City of Edinburgh and Marks and Spencer who both want to become net zero carbon but also involve their communities. Finally, we support existing communities to scale up and develop their services.



## Operation

- We work in a transparent way and we commit to pay our fair share of taxes.
- Energy4All is owned by its member co-operatives and staff and any surpluses are only used to develop the business.



# New co-operatives & major developments

## Offshore

We are preparing our programme for work on the three offshore sites our consortium won in the ScotWind bidding process and will be working on two INTOG sites as well. These sites were also won in a competitive bidding situation, and our sites are part of the innovation programme in the INTOG process. This is an opportunity to experiment with different models before the main offshore projects come along.

## Dundee Renewable Energy

Last year we mentioned that Dundee had secured planning consent for a 2MW ground-mounted, subsidy-free solar project at Bullionfield meadow near Invergowrie. This project will generate electricity which will directly supply the James Hutton Institute - a globally recognised scientific institute that undertakes research into crops, soil and wider environmental issues. Tender construction plans are going well and a community share offer is planned later this year with installation expected during September.

## Edinburgh Community Solar - Phase 3

The Edinburgh Community Solar Co-operative is hoping to launch a third share offer in the latter half of 2023. The solar co-op's development partners Absolute Wind and Solar are currently surveying 22 sites across the city ranging from major sites managed by Edinburgh Leisure, to some primary schools and other council buildings to smaller community owned buildings. The solar co-op is seeking to make a formal proposal to the council in the late summer and would hope to have the project completed within the council's current financial year. If this phase is delivered in full, it will mean there will be over 50 buildings in the Edinburgh solar co-op's portfolio.

## Reading Community Energy - Phase 3

Reading is currently developing a new pipeline of roof top solar installations, currently with over 800kWp capacity across 6 sites.

## Drumlin Wind Energy - Repowering

Drumlin has secured planning consent at the Aghafad site to replace the existing turbine with a modern ENW longer blade turbine. Increasing the blade length will enable the turbine to generate more energy. The Board has submitted plans to the local authority to replace the current turbines at two other sites. Funding for the new turbines will come from existing funds and a share offer in the coming months.

## Wey Valley Solar













Wey Valley Solar is looking into installing further roof top solar panels on schools belonging to the Weydon Multi-Academy Trust up to an aggregate cost of £600,000 funded by current cash reserves and/or a share offer later this year. In addition, they are looking for suitable sites primarily located in Surrey or its neighbouring counties (including London) up to a maximum of £400,000.















## Green Hydrogen

We have been offered a stake in a green hydrogen project in Scotland. This is an exciting new venture and our first in this field. We are looking to do a share offer over the summer to raise the funds to participate.









# Energy4All family of co-ops

	Project	Type	Size	Members	Website
	Baywind	Solar	0.35MW	1116	<a href="http://www.baywind.coop">www.baywind.coop</a>
	Westmill	Wind	6.5MW	2184	<a href="http://www.westmill.coop">www.westmill.coop</a>
	Boyndie	Wind	0.64MW	668	<a href="http://www.boyndie.coop">www.boyndie.coop</a>
	Isle of Skye	Wind	1.10MW	573	<a href="http://www.skye.coop">www.skye.coop</a>
	Great Glen	Wind	1.30MW	654	<a href="http://www.greatglen.coop">www.greatglen.coop</a>
	Wey Valley Schools	Solar	0.6MW	118	<a href="http://www.veyvalleysolar.co.uk">www.veyvalleysolar.co.uk</a>
	Kilbraur	Wind	1.35MW	503	<a href="http://www.kilbraur.coop">www.kilbraur.coop</a>
	Drumlin	Wind	1.5MW	915	<a href="http://www.drumlin.coop">www.drumlin.coop</a>
	Spirit of Lanarkshire	Wind	1.8MW	606	<a href="http://www.spiritoflanarkshire.coop">www.spiritoflanarkshire.coop</a>
	West Solent	Solar	2.4MW	486	<a href="http://www.westsolentsolar.coop">www.westsolentsolar.coop</a>
	Springbok	Heat	0.39MW	121	<a href="http://www.springbokwoodheat.co.uk">www.springbokwoodheat.co.uk</a>
	Four Winds	Wind	1MW	820	<a href="http://www.fourwinds.coop">www.fourwinds.coop</a>

	Project	Type	Size	Members	Website
	Schools' Energy	Solar	3.8MW	1575	<a href="http://www.schools-energy-coop.co.uk">www.schools-energy-coop.co.uk</a>
	Reading	Solar	0.5MW	294	<a href="http://www.readingenergy.coop">www.readingenergy.coop</a>
	Repower Balcombe	Solar	0.16MW	93	<a href="http://www.repowerbalcombe.com">www.repowerbalcombe.com</a>
	Edinburgh Solar	Solar	1.38MW	685	<a href="http://www.edinburghsolar.coop">www.edinburghsolar.coop</a>
	Rainepower	Hydro	0.03MW	188	<a href="http://www.rainepower.coop">www.rainepower.coop</a>
	Rumbling Bridge	Hydro	0.50MW	818	<a href="http://www.rumblingbridgehydro.coop">www.rumblingbridgehydro.coop</a>
M&S ENERGY SOCIETY	M&S	Solar	0.84MW	304	<a href="http://www.mandsenergysociety.com">www.mandsenergysociety.com</a>
	High Winds	Wind	4.6MW	1499	<a href="http://www.highwinds.coop">www.highwinds.coop</a>
	Arrochar	Hydro	0.13MW	268	<a href="http://www.arrocharhydro.coop">www.arrocharhydro.coop</a>
	Highlands	Hydro	0.6MW	779	<a href="http://www.HCES.coop">www.HCES.coop</a>
	Assel Valley	Wind	2.5MW	263	<a href="http://www.asselvalley.coop">www.asselvalley.coop</a>
Energise South 	Energise South	Solar	0.64MW	154	<a href="http://www.energisesouth.coop">www.energisesouth.coop</a>
	Mean Moor	Wind	6.9MW	-	<a href="http://www.highwinds.coop">www.highwinds.coop</a>
	Energy Prospects	All	n/a	436	<a href="http://www.energy4all.coop">www.energy4all.coop</a>
	Auchrobert	Wind	1.9MW	359	<a href="http://www.auchrobert.coop">www.auchrobert.coop</a>



	Project	Type	Size	Members	Website
	Kinlochbervie	Hydro	0.2MW	324	<a href="http://www.hces.coop/kinlochbervie">www.hces.coop/kinlochbervie</a>
	LEGPowr Lochaber	Hydro	0.55MW	546	<a href="http://www.legpower.coop">www.legpower.coop</a>
	Buchanan	Hydro	0.10MW	25	<a href="http://www.buchananhydro.coop">www.buchananhydro.coop</a>
	Westmill Solar	Solar	5MW	1661	<a href="http://www.westmillsolar.coop">www.westmillsolar.coop</a>
	Southern Staffordshire	Solar	0.30MW	117	<a href="http://www.ssce.co.uk">www.ssce.co.uk</a>
	North Lincs	Solar	0.56MW	Pending	<a href="http://www.nlce.coop">www.nlce.coop</a>



Buchanan Hydro in-take site



# Living Co-operative Values

Each independent Energy4All co-operative adheres to the International Co-operative Alliance identity, values and principles.

## **Voluntary and open membership**

Membership of all Energy4All co-operatives is open to everyone irrespective of their gender, social, religious, or political beliefs.

## **Democratic member control**

Each member has one vote regardless of the amount invested and members are encouraged to participate in their AGM to discover the importance of co-operatively owned community energy. Members can vote by post or on-line if they cannot attend the annual meeting. Following Covid 19 most AGMs were carried out via video conferencing facilities which enabled more members to attend and participate.

## **Economic Participation**

Several co-operatives sell their electricity to Your Co-operative Community Energy.

Westmill Wind (and Solar) co-operatives have launched a "trading dividend" where members who buy their own electricity receive a £30 dividend on their electricity bill paid for by the co-operative.

## **Autonomy and Independence**

Each Energy4All co-operative is independent with a board elected by its members.



## **Education, training and information**

Several of the Energy4All co-operatives have established separate trusts or charities, several with a specific education focus. Westmill Sustainable Education Trust (WeSET), working with a network of local schools, completed development of a comprehensive nine-part schools education pack.

## **Co-operation between co-operatives**

Many of our co-operatives sell their electricity Yunity Energy; a joint venture between The Midcounties Co-operative and Octopus Energy.

Energy4All has facilitated a consortium of member co-operatives to support and pre-finance other co-operatives in developing projects whilst also sharing skills, knowledge and experience between member co-operatives. Energy Prospects Co-op provides risk finance for community renewable energy projects.

## **Concern for community**

Community ownership of renewable energy generation enables people to come together to make a tangible contribution to the fight against climate change, to form a focus for that fight in a particular geography, to benefit economically, to have a united voice and to enable other projects in the community to happen.

The Energy4All co-operatives continue to support local community causes. During 2022 several co-operatives gave additional cash to help community projects. For example Great Glen Energy Co-operative donated over £200,000 to Foundation Scotland and will spend this coming year identifying and supporting a variety of community projects.

With funding from High Winds & Mean Moor sites, the Baywind Community Trust has been active in the local community by installing solar PV and energy conservation measures on local community buildings and donations to help alleviate fuel poverty.

# Sustainable Development Goals

In 2015 United Nations Member States in 2015 adopted 17 Sustainable Development Goals (SDGs). These goals provide a shared blueprint for peace and prosperity for people and the planet, now and into the future. Energy4All measures itself against several of these goals.

SDG	Goal	Our work
2	 2 ZERO HUNGER	Faced with rising food prices several Energy4All co-operatives have donated to co-operative foodbanks.
4	 4 QUALITY EDUCATION	Several Energy4All co-operatives have used surpluses to promote education. Westmill Charity WeSET has developed extensive links with schools and curriculum materials.
5	 5 GENDER EQUALITY	Energy4All maintains a gender balanced board and has adopted a family friendly workplace for several years. Staff can work flexible hours and can work both in the office at home. These arrangements help parents support young children.
7	 7 AFFORDABLE AND CLEAN ENERGY	A citizen energy transition is at the heart of the E4All mission.
10	 10 REDUCED INEQUALITIES	Energy4All maintains a 3:1 salary ratio. All staff are enrolled into a pension.
11	 11 SUSTAINABLE CITIES AND COMMUNITIES	Energy4All has worked with towns and cities to install renewables in the heart of communities.
13	 13 CLIMATE ACTION	Energy4All manages 50.12MW of green wind, solar, hydro and biomass energy.
16	 16 PEACE, JUSTICE AND STRONG INSTITUTIONS	The Energy4All model puts people at the heart of the climate transition, transforming individuals from customers to active energy participants.
17	 17 PARTNERSHIPS FOR THE GOALS	The entire Energy4All model is built on partnership. The projects that are built become future part-owners of the business. We work with like-minded organisations - for example Younity/Octopus – who buy much of our electricity. Our offshore project is a leading example of and product of a long-term partnership with Falck Renewables (now Renantis).





# Energy4All Limited

## Financial overview to December 2022

2022 marked a year when we began to emerge from the pandemic. However we faced the same cost pressures as other organisations, which in turn led to pressures on wage costs. Energy4All has prioritised delivering more efficient office practices. We have strengthened our co-operative development function (partly funded by member co-operatives) and managed to deliver a small surplus. We were re-accredited as a “Fair Tax” business.

The surplus for the financial year increased to £3,772 (£2,699 in 2021). Turnover rose by 3.7% from £878,240 in 2021 to £911,916 in 2022, driven by rises in management fees to member co-operatives and an increase in membership. These increases were partly offset by lower development fee income – which can vary significantly between years.

Cost of sales increased by 6.7% from £697,386 in 2021 to £711,970 mainly driven by higher salary costs, itself a result of inflation pressures, but also increased staff – as our family has grown.

Administrative expenses increased by 14% from £176,959 in 2021 to £202,600 in 2022. The largest factor in this is that as we returned back to normal activity travelling costs increased and 2022 saw our first in person conference held in Glasgow since Covid.

At the end of the year Energy4All had positive short-term assets of £172,014 (£167,680 in 2021) of which cash in hand and at the bank stood at £113,379.

The board maintain a medium-term cash flow model which they use to oversee the future of the business. As in previous years Energy4All arranged for an independent audit of its accounts, which showed a “clean” audit opinion.

*Annette Heslop*

Mrs A Heslop MBE | **Director & Company Secretary Energy4All**

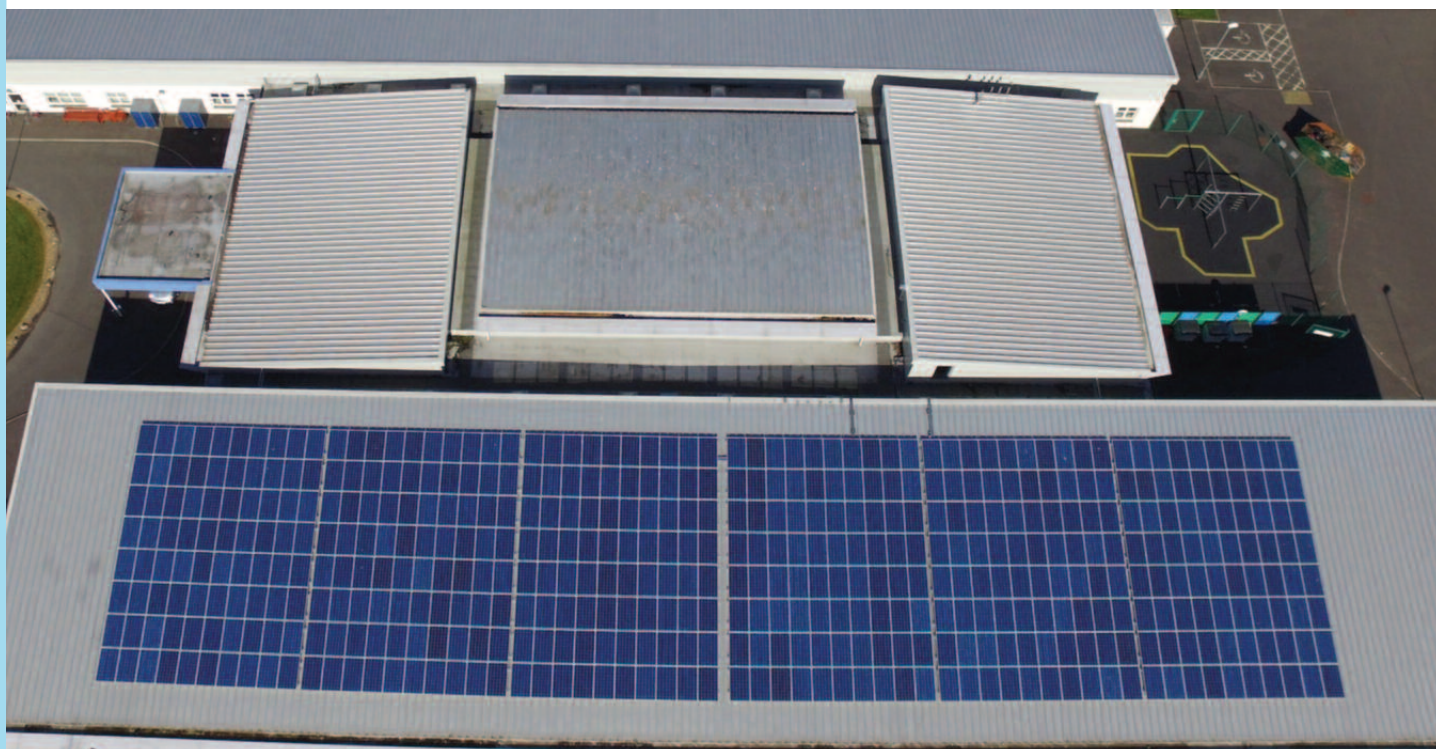


# Profit & Loss Account

For the year ended 31 December 2022

	2022 £	2021 £
<b>Turnover</b>	911,916	878,240
Cost of sales	(744,970)	(697,386)
<b>Gross profit</b>	166,946	180,854
Administrative expenses	(202,600)	(176,959)
Other operating income	47,794	
<b>Operating profit</b>	12,140	3,895
Interest receivable and similar income	517	367
Interest payable and similar expenses	(8,000)	(930)
<b>Profit before taxation</b>	4,657	3,332
Tax on profit	(885)	(633)
<b>Profit for the year</b>	3,772	2,699

The profit and loss account has been prepared on the basis that all operations are continuing operations.



# Balance Sheet As at 31 December 2022

	2022		2021	
	£	£	£	£
<b>Fixed assets</b>				
Tangible assets		12,274		9,326
Investments		13,541		10,888
		<u>25,815</u>		<u>20,214</u>
<b>Current assets</b>				
Debtors	157,600		127,497	
Cash at bank and in hand	113,379		105,505	
	<u>270,979</u>		<u>233,002</u>	
<b>Creditors: amounts falling due within one year</b>	<u>(124,780)</u>		<u>(85,536)</u>	
<b>Net current assets</b>		<u>146,199</u>		<u>147,466</u>
<b>Total assets less current liabilities</b>		<u>172,014</u>		<u>167,680</u>
<b>Provisions for liabilities</b>		<u>(2,332)</u>		<u>(1,772)</u>
<b>Net assets</b>		<u>169,682</u>		<u>165,908</u>
<b>Capital and reserves</b>				
Called up share capital		37		35
Profit and loss account		169,645		165,873
<b>Total Equity</b>		<u>169,682</u>		<u>165,908</u>

These financial statements have been prepared in accordance with the provisions applicable to companies subject to the small companies regime.

The financial statements were approved by the board of directors and authorised for issue on 12 April 2023 and are signed on its behalf by:

*A Heslop*  
**Mrs A Heslop MBE**  
**Director**

*M McMillin*  
**Mrs M McMillin**  
**Director**

Company Registration No. 04545379

*The Profit & Loss and Balance Sheet have been extracted from the full version of the statutory audited accounts for the year ended 31 December 2022. These extracts do not contain sufficient information to allow a full understanding of the state of affairs of the company.*

*A full version of the audited accounts can be obtained from the registrar of companies at <https://www.gov.uk/government/organisations/companies-house>.*



# Energy4All Directors

## Mike Smyth MBE – Chair



A qualified solicitor, Mike had a 31 year career in law advising clients as a partner in Lawrence Graham retiring in 2008. Mike chaired the Friends of the Earth Trust until 2012, and joined the board of E4All in 2008. Mike also leads the award winning Schools Energy Co-operative.

Mike balances his commercial focus with a strong emphasis on social entrepreneurship and sustainability. Under Mike's leadership Energy4All has grown from a group of 7 co-operatives to its current family of 33 independent energy groups.

## Marna McMillin - CEO



With a career in finance as partner at KPMG, Marna is experienced in corporate and bank finance as well as commercial mergers and acquisitions. Marna brings high level financial and share promotion skills, and has built knowledge of how to deliver successful renewable projects to time and budget.

Marna joined Energy4All as Chief Executive in 2006 and has overseen the effective delivery of key projects – most recently leading on the offshore projects.

## Annette Heslop MBE



A qualified Accounting Technician Annette is at the heart of the Energy4All operations. Annette was a director of Baywind and then joined E4All in 2002 as our first employee. Annette has been involved in community renewable energy since 1998.

Today Annette oversees the financial and technical modelling for new projects leading to share offers, manages the effective governance of Energy4All business and leads the growing support office in Barrow, she is also the company secretary of Energy4All and numerous co-ops within the family.

## John Malone



A qualified engineer, John worked with Yorkshire Electricity, spent almost three years in the Ministry of Natural Resources and Energy in Swaziland and worked in with a UK energy consultancy before joining Energy4All in 2007.

He is now Development Director, leading a team of eight and managing co-operative renewable energy projects pipeline.

## Tammy Calvert



Since graduating with a HND in business information technology Tammy was a software engineer working within the charities sector before joining Energy4All in April 2010.

Tammy has written the Energy4All membership database and is continually improving its functionality. She has also designed an in-house database to deal with solar rooftop invoicing and is continually looking at streamlining processes.

## Mark Luntley



A qualified accountant Mark had a 30 year career in local government, as Finance Director at Oxford City Council and subsequently at the Local Government Association where he developed the business case for the UK's first Local Government Bond Agency.

As a non-executive director at Energy4All, Mark focusses on relationships with member co-operatives and international relations. In 2017 Mark was elected to the eight-person board of "RESCoop" - which represents renewable energy co-operatives across Europe.

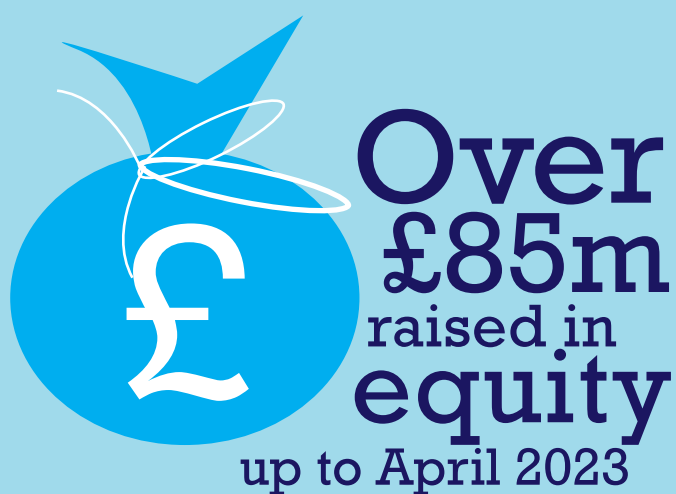


# E4A Staff - who's who...



**E4A HAS**  
A PAY  
RATIO OF  
**3:1**

**E4A HAS**  
**20 FEMALE**  
**& 9 MALE**  
members of staff





# E4A Location Map





