

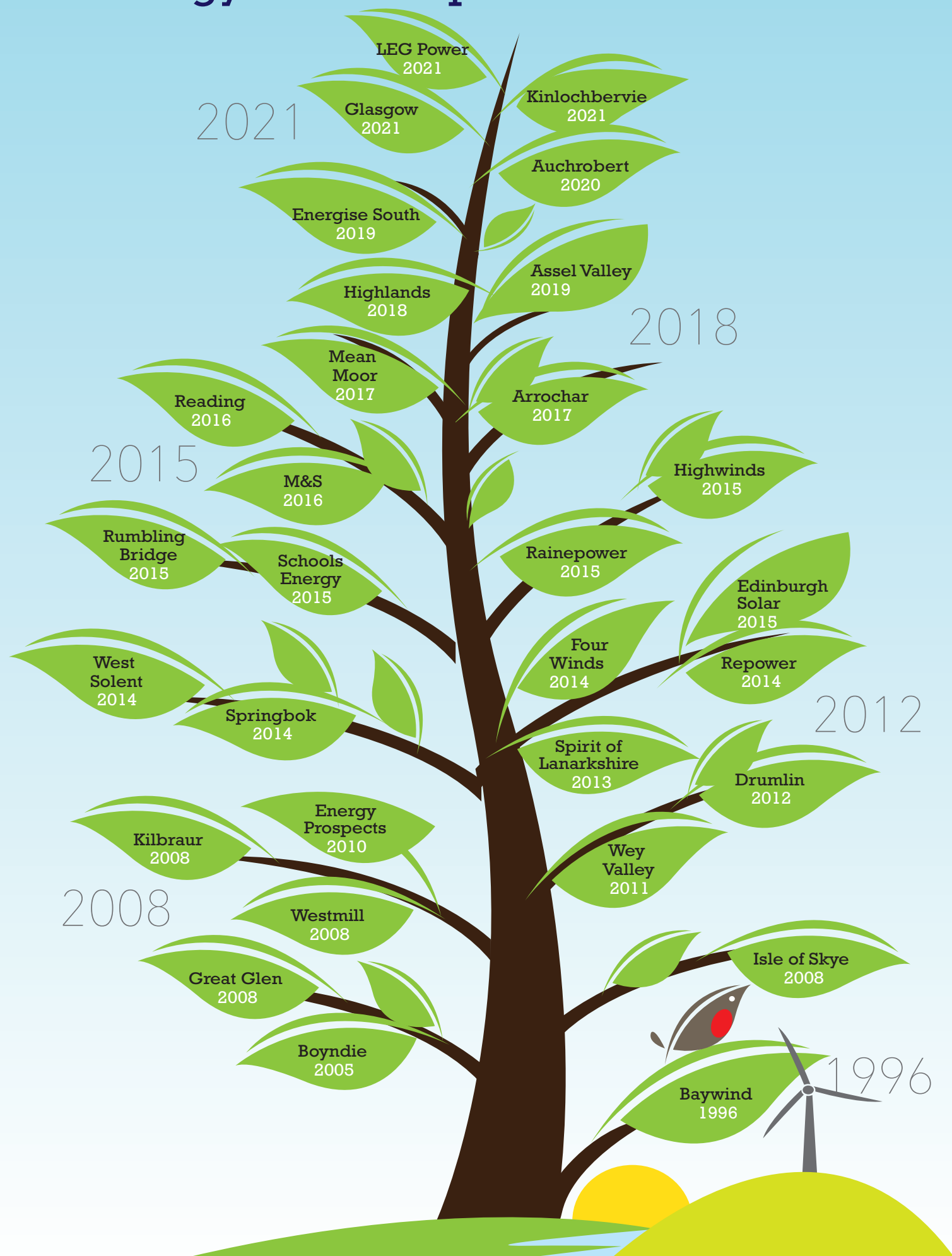
# Energy4All Annual Report

TO AUGUST 2021





# Energy4All Co-ops timeline...



# “Chair’s statement”

31st August 2021

## Urgent need for action...

2021 has been the year when the climate emergency has become visible across the globe. There have been wildfires in eastern USA and Canada, and southern Europe and Russia, as well as flooding and increasingly intense hurricanes. The impact on developed countries has been serious, the consequences for developing countries potentially catastrophic. There is a recognition that the world is close to a series of climate tipping points at which point the global climate risks spinning out of control.

COP26 is an opportunity for the UK to shape an international response, but the flurry of Westminster announcements and rhetoric has not been matched by much concrete action, in spite of two-thirds of older British people wanting the UK government to accelerate the transition to a green agenda.

The Scottish government established a Just Transition Commission to advise on climate actions that are fair to all as well as a Citizens' Assembly made up of 100 people from all backgrounds which has made 81 specific recommendations for change.

Individuals can only make so many changes and we don't have the time to wait for the state to act. This is where community energy can make a difference by bringing people together to make a difference in their community.

When Energy4All was created we were one of the only groups doing this. Energy4All is now part of a global movement, most recently by our re-election to the Board of REScoop (the trade association for renewable energy co-operatives in Europe) where we help represent 1,900 energy cooperatives and 1,250,000 citizens across Europe.

## A successful year

In 2018 Mean Moor became the first previously commercially owned windfarm to transfer to 100% community ownership with help from a bridging loan from Thrive Renewables. In 2020 the neighbouring High Winds Community Energy Society worked with Baywind and Energy Prospects to raise the final £5.7m to allow High Winds to take ownership of the whole site.

In August 2020 Edinburgh Solar raised £660,000 to finance a second phase of six installations across the city - including a 160kW array on the City Council municipal buildings. Shortly afterwards the Highland Community Energy Society raised over £1.5 million to buy community stakes in a series of hydroelectric sites across Scotland and in a separate share offer Kinlochbervie raised £707,000 to develop a 200kW hydro scheme. Then Glasgow Community Energy successfully launched its first share issue. Finally, a few days ago, LEG Power Lochaber raised £1,880,000 to fund the construction of a 100% community owned 547kW hydro scheme in Glenachulish.

The Schools Energy Cooperative has continued its programme of installing panels on school buildings around the UK, including some projects developed without any feed in tariff subsidy. We actively support our other co-operative members on their development plans.

You can find more details about these projects within this report.

## Leading our business

We reviewed our leadership arrangements in the year and the board unanimously agreed to invite Tammy Calvert to join our board as our sixth director.

*Mike Smyth*

Mike Smyth,

**Chair, Energy4All**

# “ Chief Executive’s report ”

## Managing under Covid19

The pandemic has continued to affect our work and that of member cooperatives. Our headquarters were closed for several months and are not yet fully open. We worked with the office staff initially to put in place work from home arrangements as well as ensuring that team members were appropriately supported during the epidemic.

Energy4All has gained experience in running annual meetings on-line, which has allowed people to participate in the democratic running of their co-operatives no matter where they are. Whilst many members are looking forward to in-person meetings a strong message has been that some form of "hybrid" annual meetings is preferred.

Energy4All's own Board meetings also moved on-line, reducing our carbon impact as our in-person travel has reduced. The directors meet four times a year, and there are more frequent meetings of development staff to manage the pipeline of projects under development.

Despite the ending of the Feed in Tariff there are a lot of potential projects for us to appraise as the climate change issue moves up the agenda. We are exploring some larger developments with our long-standing partner Falck Renewables together with (their new joint venture partners in floating offshore wind) BlueFloat Energy and Orsted, which could lead to community ownership of offshore wind and represent a real step forward for community energy. However these projects need more public support for community ownership to move forward.

We coordinated with individual site managers to ensure the equipment in cooperatives has been safely serviced and maintained. We also oversaw a major transfer of power purchase agreements to Octopus energy.

### **Delivering a better service to member co-operatives**

We have continued to modernise our office systems. As well as being more efficient and secure, these upgrades make it easier for team members and external contractors to access our systems remotely.

As our family of renewable co-operatives grows, the demands on the finance team in the office have increased. After two staff left, we used the opportunity to restructure the finance team. We were very fortunate to be able to recruit Louise Sippy and Gina Bowling who are our new Assistant Accountants. However integrating people into a team under Covid conditions has been challenging.

Tom Nockolds, previously on a fixed term contract, has joined the permanent team of development staff in Scotland. Tom comes from the community renewable energy sector in Australia - where he chaired the Pingala community energy team which was developing a network of solar gardens across Sydney NSW.

Zach Wishart joined E4A Project Development team in November 2020, leaving his role as Environmental Development Officer with the Lochaber Environmental Group in Scotland. He has moved south to be based in Essex and work initially on Energy4All's solar roof co-ops including Schools Energy Co-op and Energise South.

*Marna McMillin*

Marna McMillin,

**Chief Executive, Energy4All**



# 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

- The highest paid staff member earns no more than three times the lowest paid employee.
- 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.
- We have a 50-50 gender balanced board of directors.



# 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. During 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 £15 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. In 2021 E4All undertook a major survey of members of its family cooperatives. Over 1,000 members responded to the 2021 Energy4All survey, the headline results are included in this report

## **Education, training and information**

Several of the Energy4All co-operatives have established separate trusts or charities, several with a specific education focus. In 2020 the 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 to Your Cooperative Energy; a joint venture between The Midcounties Co-operative and Octopus Energy - even when other suppliers offer higher prices.

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 provides risk finance for community renewable 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. Several cooperatives gave additional cash to help communities most affected by Covid19. For example High Winds Co-operative supported the Ulverston food waste project with a £7,000 grant to buy two commercial sized fridges.

With significant 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.

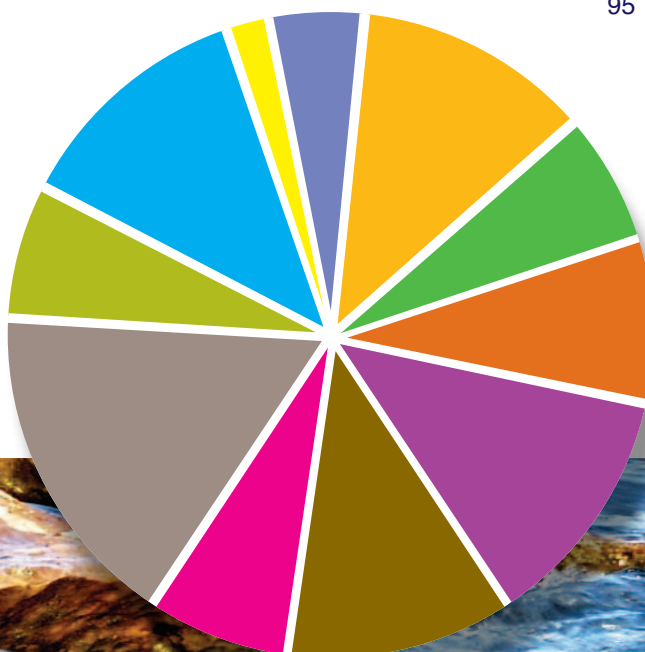
Energy4All has worked with Naturesave Insurance for over a decade which by 2021 had donated over £1m into its charitable trust.



## Member feedback

In 2021 Energy4All sent out a questionnaire to members of the different co-operatives, receiving over 1,000 responses. Members were asked for their views against a range of issues relating to use of electricity. 591 people responded that they would sign up to an electricity contract that gave them a virtual dividend, and 809 would be happy to buy electricity from a variety of community energy suppliers.

Question	Response
I would pay more for the electricity coming from my Society	240
I would only buy electricity from my Society if it cost the same or less than I'm currently paying	572
I don't mind who the Society sells it's electricity to as long as I receive my share interest	315
I'd like to combine the electricity from all my Energy4All projects and be able to buy it	402
I like the idea that my electricity would be cheaper when my project is generating	593
Following the principles of co-operation, I would like to purchase the energy from the Societies I am a member of	562
I would pay more for electricity from a Community Benefit Society because all the profit goes to delivering its community objectives	344
I don't mind buying electricity from lots of other community energy projects as well as mine	809
I think peer-to-peer trading of electricity is the future and I would like to be in more control of how I purchase my electricity	325
If my shares generated a discount on my electricity bill (a virtual dividend) I would sign up for this	591
Other	95





# New co-operatives & major developments

## Edinburgh Solar - phase 2

In 2015 the Edinburgh Community Solar Co-operative launched a share offer to install photovoltaic panels on 24 public buildings across the city. In Autumn 2020 that co-operative launched a successful second share offer and raised a further £660,000 for a second phase of solar electric panels on six more buildings.

The largest installation is at the City of Edinburgh municipal offices Waverley Court where the 160kW array should generate around 128,000kWh/year with much of the power generated being used within the municipal offices themselves, helping the council reach its ambitious target of being zero carbon by 2030..

## Highland Community Energy Society

In 2020 the Highland Community Energy Society launched its third share offer raising £229,000 to buy a community stake in its most recent hydroelectric project is at Feorline Burn located on Loch Fyne south of Strachur. This is a 99.9kW project. The society works with a company called Coille Dhealain which is in turn owned by a workers' co-operative; Highland Eco Design. Together they have developed and installed five hydroelectric scheme and the co-operative also supported the launch of a 6th site at Kinlochbervie.

## Kinlochbervie Community Energy

Following a successful share raise of £707,000 through Highland Community Energy Society the Kinlochbervie Community Energy Society is constructing a 200kW hydro scheme located by the A838 just past Rhiconich.

## Glasgow Community Energy













After nearly six years in the making, Glasgow Community Energy successfully launched its first community share offer, raising £30,000 from 26 community organisations and 152 individuals. This was used to repay loans used to install solar panels on two schools in the city.















Sites installed by Edinburgh Solar, Kinlochbervie Community Energy and Glasgow Community Energy





# Energy4All projects in numbers

	Project	Type	Size	Members	Website
	Baywind	Solar	0.35MW	1107	<a href="http://www.baywind.coop">www.baywind.coop</a>
	Westmill	Wind	6.5MW	2164	<a href="http://www.westmill.coop">www.westmill.coop</a>
	Boyndie	Wind	0.64MW	664	<a href="http://www.boyndie.coop">www.boyndie.coop</a>
	Isle of Skye	Wind	1.10MW	574	<a href="http://www.skye.coop">www.skye.coop</a>
	Great Glen	Wind	1.30MW	650	<a href="http://www.greatglen.coop">www.greatglen.coop</a>
	Wey Valley Schools	Solar	0.59MW	123	<a href="http://www.veyvalleysolar.co.uk">www.veyvalleysolar.co.uk</a>
	Kilbraur	Wind	1.35MW	497	<a href="http://www.kilbraur.coop">www.kilbraur.coop</a>
	Drumlin	Wind	1.5MW	911	<a href="http://www.drumlin.coop">www.drumlin.coop</a>
	Spirit of Lanarkshire	Wind	1.8MW	605	<a href="http://www.spiritoflanarkshire.coop">www.spiritoflanarkshire.coop</a>
	West Solent	Solar	2.4MW	487	<a href="http://www.westsolentsolar.coop">www.westsolentsolar.coop</a>
	Springbok	Heat	0.39MW	122	<a href="http://www.springbokwoodheat.co.uk">www.springbokwoodheat.co.uk</a>
	Four Winds	Wind	1MW	817	<a href="http://www.fourwinds.coop">www.fourwinds.coop</a>

	Project	Type	Size	Members	Website
	Schools' Energy	Solar	2.95MW	744	<a href="http://www.schools-energy-coop.co.uk">www.schools-energy-coop.co.uk</a>
	Reading	Solar	0.5MW	189	<a href="http://www.readingenergy.coop">www.readingenergy.coop</a>
	Repower Balcombe	Solar	0.16MW	92	<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	691	<a href="http://www.rumblingbridgehydro.coop">www.rumblingbridgehydro.coop</a>
M&S ENERGY SOCIETY	M&S	Solar	0.84MW	291	<a href="http://www.mandsenergysociety.com">www.mandsenergysociety.com</a>
	High Winds	Wind	4.6MW	1167	<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	451	<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	0.45MW	157	<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	423	<a href="http://www.energy4all.coop">www.energy4all.coop</a>
	Auchrobert	Wind	1.9MW	362	<a href="http://www.auchrobert.coop">www.auchrobert.coop</a>





Project	Type	Size	Members	Website
Glasgow	Solar	0.91MW	181	<a href="http://www.glasgowenergy.coop">www.glasgowenergy.coop</a>
Kinlochbervie	Hydro	0.2MW	263	<a href="http://www.hces.coop">www.hces.coop</a>
LEG Power	Hydro	0.55MW	535	<a href="http://www.legpower.coop">www.legpower.coop</a>



# Energy4All Limited

## Financial overview 2020

2020 was obviously a year with major challenges from the pandemic. However by adopting flexible home working arrangements Energy4All has managed to support its office and development staff whilst sustaining a secure financial position.

Energy4All ended the year ended 30th December 2020 with a small surplus of £4,541, compared with £350 the year previous, bringing accumulated profit to £163,174 (2019 £158,633). Turnover in 2020 was broadly similar to the year before at £825,500, but within this total management fees of £505,348 (2019 £367,945) were higher than the year previous - reflecting our growing family of cooperatives whilst income from development fees of £172,771 (2019 £298,138) was down on the previous year due to fewer projects being completed in the challenging time period.

Direct costs of £633,445 (2019 £646,963) were slightly lower than the year before - in part because of lower development expenses. Administrative expenses were similar to the year previous at £184,820 (2019 £185,050).

At the end of the financial year Energy4All had positive net assets of £144,711 (2019 £139,935), and the company remains cash positive with £118,636 (2019 £116,587) of funds held at the bank.

The board maintain a medium term financial and cash flow model which they use to oversee the future of the business. As in previous years Energy4All arranged for an 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 period ending 31 December 2020

	2020 £	2019 £
<b>Turnover</b>	825,500	838,196
Cost of sales	(633,445)	(646,963)
<b>Gross profit</b>	192,055	191,233
Administrative expenses	(184,820)	(185,050)
Other operating income	10,000	1,000
<b>Operating profit</b>	17,235	7,183
Interest receivable and similar income	372	530
Interest payable and similar expenses	(12,000)	(7,281)
<b>Profit before taxation</b>	5,607	432
Taxation	(1,066)	(82)
<b>Profit for the year</b>	4,541	350

Full notes of accounts are available in the published accounts at  
<https://beta.companieshouse.gov.uk/company/04545379/filing-history>



# Balance Sheet as at 31st December 2020

	2020		2019	
	£	£	£	£
<b>Fixed assets</b>				
Tangible assets		10,685		10,621
Investments		9,842		10,036
		<u>20,527</u>		<u>20,657</u>
<b>Current assets</b>				
Debtors	121,175		104,043	
Cash at bank and in hand	118,636		116,587	
	<u>239,811</u>		<u>220,630</u>	
<b>Creditors: amounts falling due within one year</b>	<u>(95,100)</u>		<u>(80,695)</u>	
<b>Net current assets</b>		144,711		139,935
<b>Total assets less current liabilities</b>		<u>165,238</u>		<u>160,592</u>
<b>Provisions for liabilities</b>		<u>(2,030)</u>		<u>(1,926)</u>
<b>Net assets</b>		<u>163,208</u>		<u>158,666</u>
<b>Capital and reserves</b>				
Called up share capital		34		33
Profit and loss account		163,174		158,633
<b>Total Equity</b>		<u>163,208</u>		<u>158,666</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 August 17th 2021 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 2020 which have been delivered to the registrar of companies. These extracts do not contain sufficient information to allow a full understanding of the state of affairs of the company.*

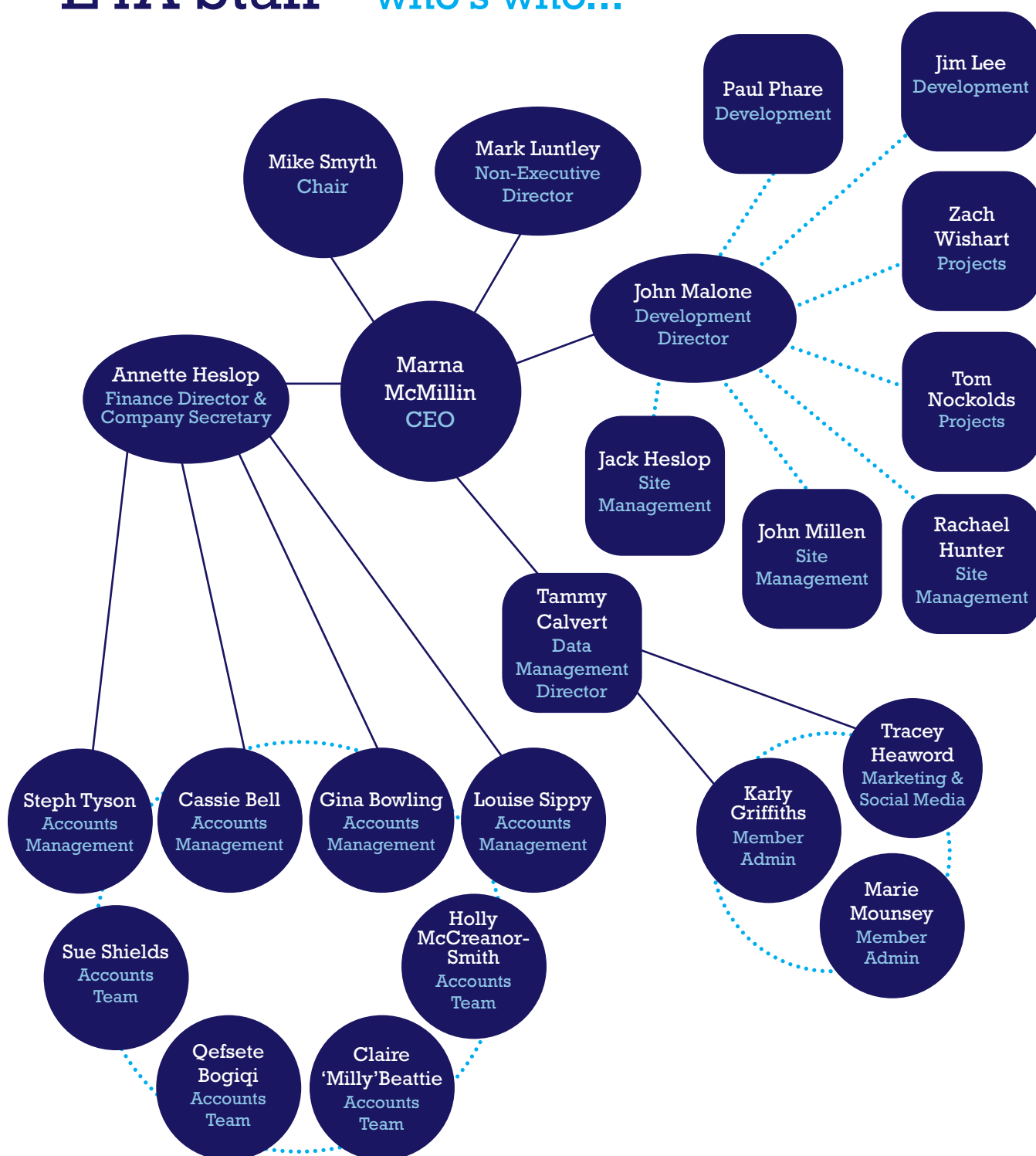
*A full version of the accounts, on which an unqualified auditor's report has been made, can be obtained from the registrar of companies at <https://www.gov.uk/government/organisations/companies-house>*







# E4A Staff - who's who...



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

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





# E4A Location Map







