



Shareenergy Capabilities Document

V12. Sep 2016

Introduction

Sharenergy is a not-for-profit organisation which helps communities find, build and own renewable energy generation: we are currently working with hydro power, wind, biomass, biogas and solar projects throughout the UK.

Sharenergy is a Registered Society (Co-operative) and was established in April 2011.

Services

Sharenergy is established to help renewable energy Societies get up and running and provides a wide range of services to this end. We always work closely with community groups and aim to fill in the gaps in their knowledge and capabilities. The main services we offer are:

Site finding and initial assessment. We use mapping and site visits to help quickly assess local resources and can carry out initial feasibility studies using tools such as GIS.

Landowner engagement. We support groups from initial contact to legal negotiations and have our own proven legal models for solar PV, wind, hydro and heat projects. We also work directly with landowners willing to host a community energy project.

Business modelling. We help to focus on truly viable projects –adapting our tried and tested financial models and making sure that objectives are really achievable. We also offer due diligence on technical and financial modeling work you have had carried out.

Project planning. We help groups to create realistic project plans and assess the key risks to achieving their goals, so they can adapt successfully when external factors influence their project delivery. We also provide advice when projects encounter problems.

Co-operative setup. Sharenergy is a Sponsoring Body with a set of Model Rules approved by the Financial Conduct Authority and specifically designed for the creation of medium – scale renewable energy co-operatives. Over 50 co-ops use our Rules.

Share offers. We help to write, design, market and administrate Society share offers. We have been the principal support for community share offers with more than 2000 members and share equity totaling more than £5m.

Technical, Regulatory and Installation. We undertake technical feasibility work and draft planning and permitting applications, as well as provide support during the final stages of the development phase with installation troubleshooting advice. We also work with specialist external providers, where required.

Training and events. We provide training in site finding, open-source GIS use and run events bringing together community energy projects.

Co-operative administration. We offer a comprehensive and well-priced admin service to established Societies covering member support, book-keeping and returns, AGM papers and annual accounts. In 2016 we provided these services for 22 Societies. We also offer

specialist service for administration of share offers exclusively tailored to renewable energy Societies.

Clients

We work with projects all over the UK, with community groups, landowners, developers and service providers. Our engagement will vary from support on a particular issue that a group is struggling with, to working right through from project inception to installation and afterwards, through our ongoing administration service. Our services adapt to meet the needs of groups as these evolve.

Some of our clients and the services we have provided are shown in Appendix A.

Building the sector

We believe that renewable energy Societies have the potential to be a very significant part of the UK's energy ecology. As a not-for-profit organisation, we work in a number of ways to build the wider sector:

Affiliations. We are founder member of Community Energy Wales, Community Energy England, Renew Wales and Local United. We are also associate members of Co-operative Business Consultants.

Publications. We have published a free community wind guide and are working on further publications and an online GIS tool to help in site finding.

Advice and Talks. Although we are not funded to do so, we offer free advice wherever possible to groups, landowners, public bodies and developers who wish to explore the possibilities of renewable energy co-operatives. We regularly give both paid and unpaid talks to organisations and conferences.

History

Sharenergy began its existence in 2008 as a sub-project of Energy4All, the UK's pre-eminent developer of community renewable energy projects. Established in 2002, by and with the financial support of Baywind, the UK's first renewable energy co-operative (established in 1997), Energy4All has gone on to create 9 other wind co-operatives across the UK. These co-operatives collectively have over £16 million invested by over 6500 members.

From 1997 until 2010, the co-operative renewable energy model was limited largely to wind power, as other forms of renewable energy were not financially viable. The advent of the Feed-in Tariff in April 2010 and the subsequent introduction of the Renewable Heat Incentive have given a welcome boost to other technologies, including solar, biogas, biomass and hydropower.

In 2011 Sharenergy was established as an independent co-operative. We are a spin-off from Energy4All and still work closely with them. Energy4All focuses on larger wind projects while Sharenergy works on medium scale and non-wind projects.

Board

Sharenergy is governed by a board of Directors:

Adam Kennerley (Chair)

Adam is a social entrepreneur who is currently:

- Director at Local United
- Director at Community Energy Wales
- Director at Zero Waste in a Box
- Director at Robert Owen Community Banking Fund

Adam was previously Solutions Advisor at Greenpeace



Stephen Andrews

Stephen is an independent consultant and non executive director specialising in strategic, regulatory and commercial advice for companies operating in, or needing to understand, competitive energy markets. He formerly represented Energy4All on the Sharenergy Board, whilst he was a non-executive director there.



Stephen has worked for the Central Electricity Generating Board and for Friends of the Earth in its early days, has been involved in wave energy research and development and was managing director of the Fiat TOTEM co-generation business.

Kathy Smyth

Until 2004 Kathy was a property litigation and planning solicitor but now works as a volunteer mainly in the area of community owned renewable energy. Kathy is one of the co-founders of the highly successful Wey Valley Solar Schools Energy Co-operative and one of the core team of Wey Valley Wood Fuel, one of the winners of the Co-operative Community Energy Challenge. She is a member of a total of 6 renewable energy co-operatives and also works with Energy4All and Community Energy England.



Staff

Sharenergy has two founding directors, two specialist development staff and two administration and accounting members of staff who are all based at our Shrewsbury office:



Director: Eithne George

Eithne George is a founder director of Sharenergy and renewable energy expert, specializing in community owned enterprises. She has worked closely with a variety of community groups in the West Midlands and across the UK, in developing medium scale wind, solar photovoltaic and anaerobic digestion projects. This has involved technical feasibility work, project management, financial modeling and assisting groups in creating the correct legal structure for their enterprise. Eithne now leads our growing administration service.

Energy4All 2009-2011. Employed by Energy4All, the UK's leading developer of community owned wind projects on the Sharenergy project in the rural West Midlands, funded by Advantage West Midlands. Founding director of Sharenergy Co-operative.

Sustainable Construction Coordinator, Cambridge City Council 2006-2009.

Developed the Council's leading Code for Sustainable Homes Level 5 Policy for North West Cambridge and led local implementation of the Merton Rule policy (10% renewable energy for new developments) for Cambridge.

MiniMills Project Officer, BioRegional Development Group. Assisted the Director of BioRegional in the development of ground breaking MiniMills, a patented technology able to produce virgin paper pulp from straw with minimal environmental impact.

Co-Founder of The Hub, London 2001-2005. Took the idea of a shared working space for social enterprises from concept to opening. Since opening in 2005, a further Hub has opened in London and another 28 in the UK and worldwide.

Eithne is an Unltd Level 2 Award winner for her work with Sharenergy.



Director: Jon Hallé

Jon is a founder director and staff member at Sharenergy. In this role he has a wide remit from detailed support of individual projects through details of technical or planning matters to a nationwide strategic involvement with public, private and third sector bodies.

Jon has a wide knowledge of renewable energy and works alongside technical experts across the technologies. His key roles within Sharenergy are in

financial modeling, co-operative and share offer creation, site finding, landowner agreements, marketing and outreach

Energy4All 2008-2011. Employed by the UK's leading developer of community owned wind projects to set up and run the Sharenergy project in the rural West Midlands, funded by Advantage West Midlands. Founding director of Sharenergy Co-operative.

Director, Goldenfuels 2003-2012. Founder of a worker co-operative creating biodiesel from waste oil in Oxfordshire. Provided training courses to over 1000 people and wrote the UK's best-selling book on grassroots fuel production.

CTO, Citipages 2000-2003. Chief Technology Officer at major internet startup with £3m funding. Managed UK and overseas programming team creating over 100 websites.

Self-employed IT consultant 1995-2000. Making databases and websites for small and large businesses, charities and environmental organisations including Cambridge Training and Development, Alberon Software, British Heart Foundation, London Community Recycling Network, B&Q and many others.

Jon is a former Level 2 Unltd Award winner and winner of the RSA Onians Fellowship. He was voted joint Community Energy Champion by Community Energy England in 2015.



Development Team: Jeremy Thorp

Jeremy is an energy expert with wide experience across the energy efficiency and renewables sectors, with a special interest in hydropower.

Robert Owen Renewables. Led on a voluntary community project in Newtown Powys to develop a 100kW hydro generator. This project has been set up as a community led co-operative and is currently in the final stages of preparation for planning permission.

Marches Energy Agency. Worked as an energy advisor offering advice on energy efficiency and micro renewables to small businesses and third sector organisations and developing an online carbon footprinting and tracking website,

Household Energy Service. Worked both in a paid role and a voluntary role for this volunteer based organisation focussing on domestic energy efficiency. This work has involved training volunteers, carrying out home audit visits and writing energy reports.

Cwm Harry. In partnership with the recycling organisation, Jeremy initiated a house to house collection of used cooking oil, and helped Cwm Harry to set up a processing plant to convert this into biodiesel, which is now in use in their vehicles.

Prior to this, Jeremy spent several years working in the electricity industry, mainly on computer modelling of the transmission system. His qualifications include a degree in mathematics from Cambridge University, followed by modules in energy sustainability and environmental science through the Open University, and qualifications in domestic energy assessment through the NAEA.

Jeremy's voluntary work was recognised in 2010 when he was awarded "Green Volunteer of the Year" by the WCVA. He is also a keen electric cyclist and built his own energy efficient house. He is on the local area committee of the Co-operative group, and is a councillor in Newtown Town Council.



Development Team: Leila Sharland

Leila has a background in renewable energy and event management. She joined Sharenergy in 2014 following roles with a number of companies working in the medium wind sector. She has assisted numerous projects through every stage of installing a 50kW+ turbine, from initially scoping sites and determining wind speeds through to support with making successful planning and grid applications

Before working in the renewable energy sector, Leila ran a green event management company for a number of years. She graduated with a BSc Environmental Biology from Aberystwyth University and went on to complete an MSc in Environmental Education. She has worked in a number of cooperatives and has been an active campaigner on social and environmental issues in mid Wales.

2014 - Digital Engineering. Working as their Commercial Manager, Leila represented the wind resource assessment specialists at shows and events, negotiated with customers, as well as identifying business and marketing opportunities.

2011-2014 - Dulas Ltd. Leila was a Sales Manager based in the medium wind department at Dulas which installed 80 farm scale turbines in just under four years. She worked alongside one of the leading planning departments in the UK for renewables and with some of the UK's most experienced renewable energy engineers.

2005-2010 - Clover Events. Jointly established with a friend, Leila became a Leading Partner at this green event company which organised conferences and events for up to 500 people, working with not-for-profit and voluntary organisations



Administration Team: Kathy Symonds

Kathy is a Certified Chartered Accountant. She joined Sharenergy in 2016, working on management and annual accounts for our Administration Service clients and for Sharenergy itself.

Before joining Sharenergy Kathy worked as a senior level financial director and contractor

2013-14 Britvic Soft Drinks Ltd - Interim Financial Accountant. As a member of the GB/IE financial integration project team Kathy helped migrate the accounting for 3 key subsidiaries from Dublin to the Britvic Head Office.

2011-2014 Lumesse Ltd - UK Financial Controller. As a member of the senior management team, Kathy held total responsibility for the financial processes of the UK businesses.

2007-2011 Financial Contractor. Kathy worked across 6 varying industries with a varied range of briefs, including budgeting and forecasting, financial analysis, treasury management, foreign exchange exposure and 'nuts and bolts' accounting.

2004-2006 Match Group. Financial Controller – Operations And Performance

2002-2004 Chester Boyd Ltd. Financial Director

1990 -2002 Avenance Plc. Financial Director. Starting in 1990 as FD of a start-up contract catering business, Kathy progressed through a series of business amalgamations to the position of Group FC of a £200m turnover business.

1999. Kathy qualified as an accountant via the Chartered Association of Certified Accountants (FCCA)



Administration Team: Liz Blundell

Liz is an AAT qualified Bookkeeper. She joined us in 2015 and provides book-keeping and other core financial support to our Administration Services clients and to Sharenergy.

2005-2012 Liverpool John Moores University – Finance Officer

2004-2005 Liverpool John Moores University – Finance Assistant

2002-2004 Laura Ashley Lt. - Cash Book Assistant

2000-2002 Elliot Group Ltd – Wages Administrator

2006 Qualification as AAT Technician Level 4 at Liverpool Community College

Appendix A: Sharenergy Clients 2011-present

Group	Business Development	Development Funding	Society Set Up	Admin Services
Leominster Community Solar Co-operative 50kW solar project	X	X	X	X
Leominster Sunrise Co-operative 100kW solar project	X	X	X	X
Neen Sollars Community Hydropower Co-operative 15kW hydro project	X	X	X	X
Woolhope Dome Community Woodfuel Co-operative 200kWth biomass ESCo	X	X	X	X
Dingwall Wind Co-operative 250kW wind project	X		X	X
Wester Derry Wind Co-operative 250kW wind project	X	X	X	X
Crida Wind Co-operative 1.4MW wind project	X	X	X	
Bishop's Castle Community Energy Co-operative 500kW wind turbine	X	X	X	
Transition Shrewsbury 400kW hydro project	X	X		
Pennerley Wind 330kW wind project	X	X		
Leominster Anaerobic Digestion 500kWe AD project	X	X		
Cleobury Wind <2.5MW wind project	X	X		
Cleobury Anaerobic Digestion 200kWe AD project	X	X		
Ham Hydro Co-operative 500kW hydro project	X		X	
Cumbria Community Renewables Fund Co-operative Multi solar roofs project	X			
Southern Staffordshire Community Energy Multi roof solar project	X		X	
Avon Eco Power Co-operative	X			

Group	Business Development	Development Funding	Society Set Up	Admin Services
30kW hydro project				
Brixton Energy Solar One Co-op 37kW solar PV array	X		X	
Brixton Energy Solar Two Co-op 45kW solar PV array			X	
Brixton Energy Solar Three Co-operative 52kW solar PV array			X	
East Bridgford 500-800kW wind project	X			
Tutbury Hydro 80kW hydro project	X			
John Cleveland College Community Woodheat Co-op 1MW biomass ESCo	X	X	X	X
Greenfox Community Energy Co- operative Multi roof solar PV project	X		X	
Wrekin Community Solar Co-op 250kW PV array project	X		X	
Transition Chipping Norton Multi roof solar PV project	X			
Kington Community Energy Co- operative 50kW-250kW solar PV project	X		X	
Stretton Climate Care 15kW hydro	X	X		
Marple MESS Multi technology feasibility – including hydro, wind, solar, biomass and heat pump	X			
Cwm Harry Wood Stoves Project Domestic scale biomass project	X			
Ludlow Community Anaerobic Digester 200kWe AD plant	X			
Egni Cydweithredol Cyfyngedig Co-operative Multi roof solar PV project	X		X	
Robert Owen Renewables Co- operative 100kW hydro	X			
5YJ Co-operative 100kW solar PV project			X	

Group	Business Development	Development Funding	Society Set Up	Admin Services
Wey Valley Solar Co-operative 238kW multi roof solar PV project			X	
Archenfield Solar Co-operative 50kW-250kW solar PV project	X		X	
Wedmore Community Power Co-operative 1MW solar PV project			X	X
Wey Valley Wood Fuel Co-op Biomass ESCo project			X	
The Schools' Energy Co-op LED lighting project			X	
en10ergy Solar Co-operative PV in N10, London			X	
Ludlow Hydro Co-operative 30kW hydro project	X	X	X	X
Sedgeberrow Energy Co-op 500kW wind project	X		X	
Malvern Transition Multi roof solar PV project	X			
Llangattock Green Valleys Micro Hydro (1) Co-operative 44kW multi site hydro scheme	X		X	X
Llangattock Green Valleys Micro Hydro (2) Co-operative multi site hydro scheme	X		X	X
Chase Community Solar Innovative social housing solar (1MW on 400 roofs)	X			X
Corwen Electricity Co-op 50 kW hydro scheme	X	X	X	X
Bury Community Hydro 50 kW hydro scheme	X	X	X	X
Heartland Community Wind 500kW wind in Scotland	X	X	X	X
Braemar Community Hydro 100kW hydro in Scotland	X			X
Ledbury Community Solar 90kW Solar on health centre	X		X	X
NICE (Northern Ireland Community Energy) NI's first community solar	X			
Pomona Solar 250kW ground-mounted PV	X	X	X	X

Group	Business Development	Development Funding	Society Set Up	Admin Services
Dorset Community Energy 100kW solar on schools	X			
Nadder Community Energy 300kW solar in Wiltshire	X			X
Fetlar Wind 2x 25 kW wind on Shetland	X		X	X
Awel Coop 2x 2.3 MW wind in S. Wales	X			
HoTT Wind 400kW turbine in Holmfirth	X			
Liverpool Community Solar Citywide PV scheme	X		X	
Carmarthenshire Energy 500kW turbine in SW Wales	X			X
GMCR – Greater Manchester Community Renewables Multiple site PV	X		X	X
The Small Wind Co-op 700kW wind, 4 turbines, 3 sites in Scotland and Wales	X	X	X	X
Oldham Community Power PV on 14 sites in Oldham	X		X	X
Grimsby Community Power PV on 6 sites in Grimsby	X			X
ACE Hydro 100kW hydro in Donside, Aberdeen	X		X	X