

CONNECTING LOW CARBON GROUPS ACROSS THE COUNTY

Low Carbon Warwickshire Network Newsletter

September 2022 – Issue 20

The Low Carbon Warwickshire Network aims to connect low carbon groups across the county, sharing ideas and stimulating and supporting new activity. Although primarily rural in focus, we exclude no one.



<https://www.harburyenergy.co.uk/warwickshire-low-carbon-network>

Welcome to the Low Carbon Warwickshire Network (LCWN) Newsletter

The LCWN aims to create a central hub providing guidance, information and inspiration for new and existing groups, mainly in rural areas. 'Low Carbon Communities' events have been held in Harbury, Napton on the Hill, Henley-in-Arden, Church Lawford and Boddington. The next one is in Kenilworth Methodist Church on Saturday 15th October 09:45, register at: [Low Carbon Warwickshire Network: inspiring action - RSA \(thersa.org\)](#) A range of partners are working together to help secure the resources the Network will need to grow and deliver on its vision.

LCWN Steering Group

We are very keen to expand the existing steering group membership to include a few more representatives from the groups in the Network. For continuity and better representation this is really important. We meet infrequently and only when we have something of significance to discuss, and there is no Treasurer role! Please do think of joining us. If you can spare just a few hours a year please contact Bob Sherman: lowcarbonwarks@gmail.com

The LCWN Event at Boddington Village Hall - Energy efficiency: meeting the climate emergency and the energy bill crisis

Thank you to all those who attended the Boddington Energy Efficiency Event on Saturday 3rd September and for all the fantastic contributions from the groups and individuals who attended. Our speakers presented a fantastic range of information, advice and facts which really highlighted some key issues surrounding the current energy and climate change crisis.



'Energy Efficiency: Meeting the climate emergency and energy bill crisis head on'

Boddington Event speakers:

- **Dr Mark Thompson** (Boddington Sustainability Group): The climate change crisis, facts and figures on global warming
- **Jo Alsop** (The Heating Hub): Tips and tricks to optimise your boiler system and improve energy efficiency within your home
- **Kimbo Betty** (Heating Academy): Heat pump Installation
- **Dr Stephen Kelly** (Director, Oya Energy): Hybrid heat pumps
- **Chris Colles** (Boddington Sustainability Group) Thermal imaging cameras - how this technology can help identify where heat is being lost within your property
- **Jane Wood** (Climate Action - West Northamptonshire (CA-WN)): Energy efficiency assistance

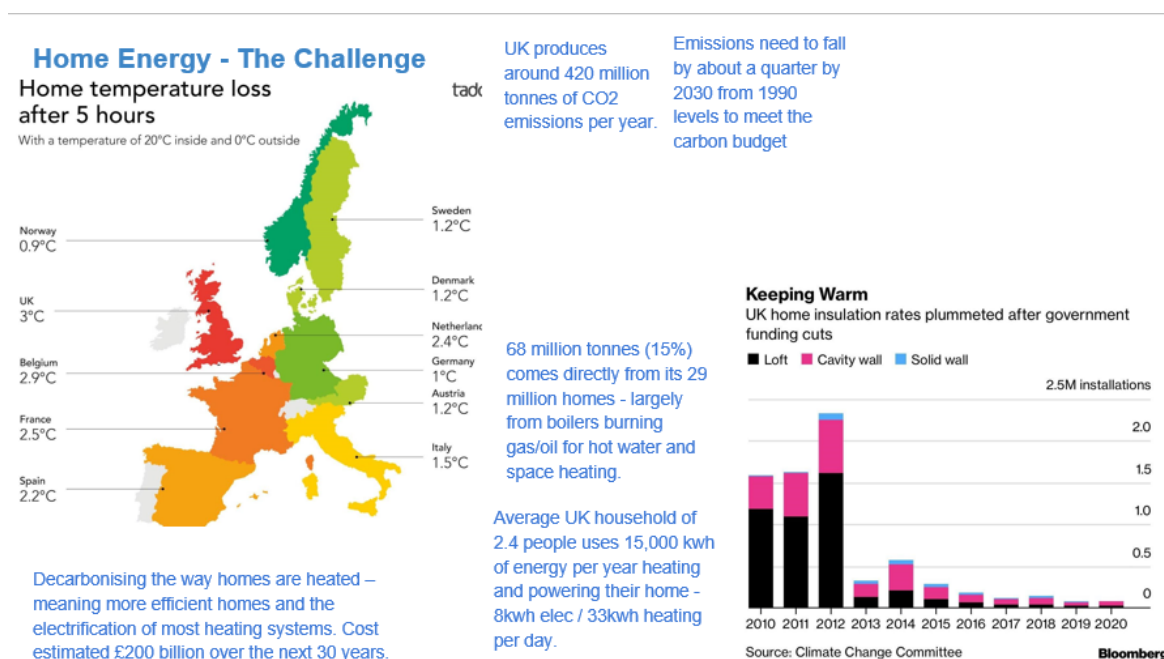


There were lots of interesting thoughts and comments shared within the Q and A sections of the event which led to discussions focusing on energy efficiency topics, fuel poverty and the UK housing stock. It was clear that there were shared frustrations throughout the room concerning the lack of government support in implementing efficiency measures within UK households, particularly in new build properties which could incorporate renewable technologies and energy saving designs within the build, thus assisting in the goal of hitting current carbon reduction targets.

Discussion around the quality of the UK housing stock triggered a huge input from the room, particularly the question of whether the current EER measures in place are enough to allow the UK to reduce a significant amount of emissions (and come close to hitting future targets!) and help stop people slipping into fuel poverty.

Why do we need to improve efficiency?

Dr Mark Thompson gave a comprehensive presentation which discussed the urgency of fighting the climate change crisis and how energy efficiency ties into achieving current carbon reduction targets. In addition to reducing fuel poverty figures following the recent energy price increase, it is crucial that more effective measures to improve energy efficiency within the UK are put in place, as heating accounts for a large proportion of the total UK emissions due to the majority of properties still relying on fossil fuels. If we do not act now in cutting greenhouse gas emissions, the global warming results will be catastrophic to the planet and future generations.



What are the targets?

- By 2035 the UK will be powered entirely by clean electricity (subject to security of supply)
- An ambition that by 2035, no gas boilers will be sold
- A 2030 commitment to end the sale of new petrol and diesel cars
- A 2035 commitment that all new cars must be fully zero emissions capable
- A zero-emission vehicle mandate setting targets for a percentage of manufacturers' new car and van sales to be zero emissions each year from 2024
- Restore at least 35,000 ha of peatlands in England by 2025, through the Nature for Climate Fund
- Deliver at least £1.5 billion of funding to support net zero innovation projects

- Reform the skills system so that training providers, employers and learners are incentivised and equipped to play their part in delivering the transition to net zero
- Publish an annual progress update against a set of key indicators for achieving our climate goals

Where to go for advice:

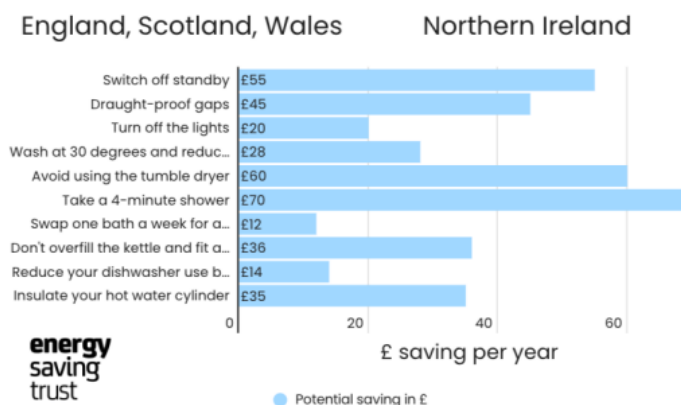
There were lots of tips and advice for making the boiler system within your home more efficient shared by Jo Alsop, our guest speaker from the Heating Hub. The Heating Hub offers assistance via a 'hero support package' for those looking to install a more efficient boiler system, supporting customers throughout the whole process. This is a fantastic way to ensure you choose the most efficient heating system for your home, tailored to your requirements and budget. CA-WN are looking for local groups to collaborate on a drive to improve household energy efficiency within their community, email secretary@ca-wn.org for more information. <https://ca-wn.org/>



Another source of information which can be helpful in making efficiency changes within your property is the Energy Saving Trust. Below are some examples of the tips from the website. [Energy Saving Trust](https://www.energy-saving-trust.org/)

How much could you save?

Choose your location and add up the potential savings available for each action.



Thermal Imaging Cameras

Chris Colles, from the Boddington Sustainability Group, gave a fun and extremely informative presentation on how thermal imaging can be used to identify areas of heat loss within your property. This included tips on how to use the technology correctly to ensure the results are as accurate as possible. Thermal imaging camera schemes can sometimes become available with energy suppliers, offering customers the

opportunity to borrow cameras for a certain period of time. This allows them to identify cold spots or heat loss from a property.

Below are some examples of areas which are notorious for heat loss:

- Areas surrounding external doors and windows
- Through the ceiling where insulation is not efficient or correctly installed
- Through the walls where insulation is not efficient (particularly in the case of single, solid brick wall properties)

Boddington Sustainability Group

Boddington Sustainability Group was established in July 2021 in order to develop a sustainability strategy for Boddington, to provide advice to the Parish Council on proposals for action and to support the actions that parishioners can take in order to reduce climate change. The Group is an official task group of the Parish Council and can be contacted via the the Parish Clerk clerk@boddingtonpc.uk. The group welcome questions, suggestions and your involvement. [Sustainability \(boddingtonparish.co.uk\)](http://Sustainability(boddingtonparish.co.uk)). The Sustainability Task Group comprises 3 councillors and up to 5 parishioners.

Do you want to host a LCWN event in your community?

If you would like to host a funded “Low Carbon Community” event where you live, please email: lowcarbonwarks@gmail.com and let us know where and when and we will support you in planning it. You will not be on your own.

Who are we? Introducing

This month we get **Dr Stephen Kelly** from **Oya Energy, Southam**, to tell us about his low carbon journey.

1. What is your first memory of when you realised things needed to change?

I have always been well-read in the climate crisis sector however it wasn't until the birth of our first grandchild back in January 2021 when the climate crisis really started to hit home. Of course, I had read about the devastating effects of climate change, however the birth of our little grandson changed the game for me. It was in the following months that I started up OYA Energy and finally started turning my time and efforts into a solution instead of just sitting back and hoping someone else would do the work.



2. What made you commit to doing something?

Going on from the previous question, I started to wonder “what will our planet look like in 50 years; and will that be a safe and happy place for baby Joshua”. It was when I realised the answer was a firm “no, the planet will not be a happy and safe place” that I thought it was time to re-direct my efforts and work towards a solution.

3. What have you done?

In March 2021 I set up a new company called OYA Energy which installs hybrid heat pumps to ensure significant carbon reductions in the 29 million homes in the UK (and the rest of the world if I am thinking big!!).



Since March 2021 we have met and spoken with countless housing associations across the country and finally, the OYA approach is being recognised and implemented - which is great!

4. What's kept you going? What sustains you?

The lack of mainstream news regarding climate change really keeps me going. Climate change is a fundamental requirement of our society, and we must keep working on a solution even when it seems like 90% of our higher powers are not bothered. If we keep on the pressure, change will occur!

In addition, when our younger daughter Lydia, heard about the OYA business plan she quit her London job in Marketing to work alongside me. On the whole, it is very rare when my children agree with me about quite literally anything, (I hope a lot of parents can resonate with this...) so to hear one of my children actually wanted to work with me towards a climate solution, it was then I realised I could be onto a winner - and this certainly keeps me motivated!

5. If there was one thing / one solution you wished everyone knew about / did - what would it be ?

I simply wish everyone could stop burning fossil fuels in gas boilers and motor cars. Of course, I realise that not everyone can switch over easily, money is tight, energy prices are increasing, and the cost of living is sky rocketing - so it is now more than ever, that our government needs to step up and finally do the right thing for the country and the planet!

Dr Stephen Kelly, Founder and Managing Director, Oya Energy, o: +44(0)1926 675395

If you have an interesting story to tell which could inspire others to take action, please send your answers to the five 'who are we?' questions above to lowcarbonwarks@gmail.com. We'll include your story in a future newsletter.

Have you looked at your Parish or Town carbon footprint yet?

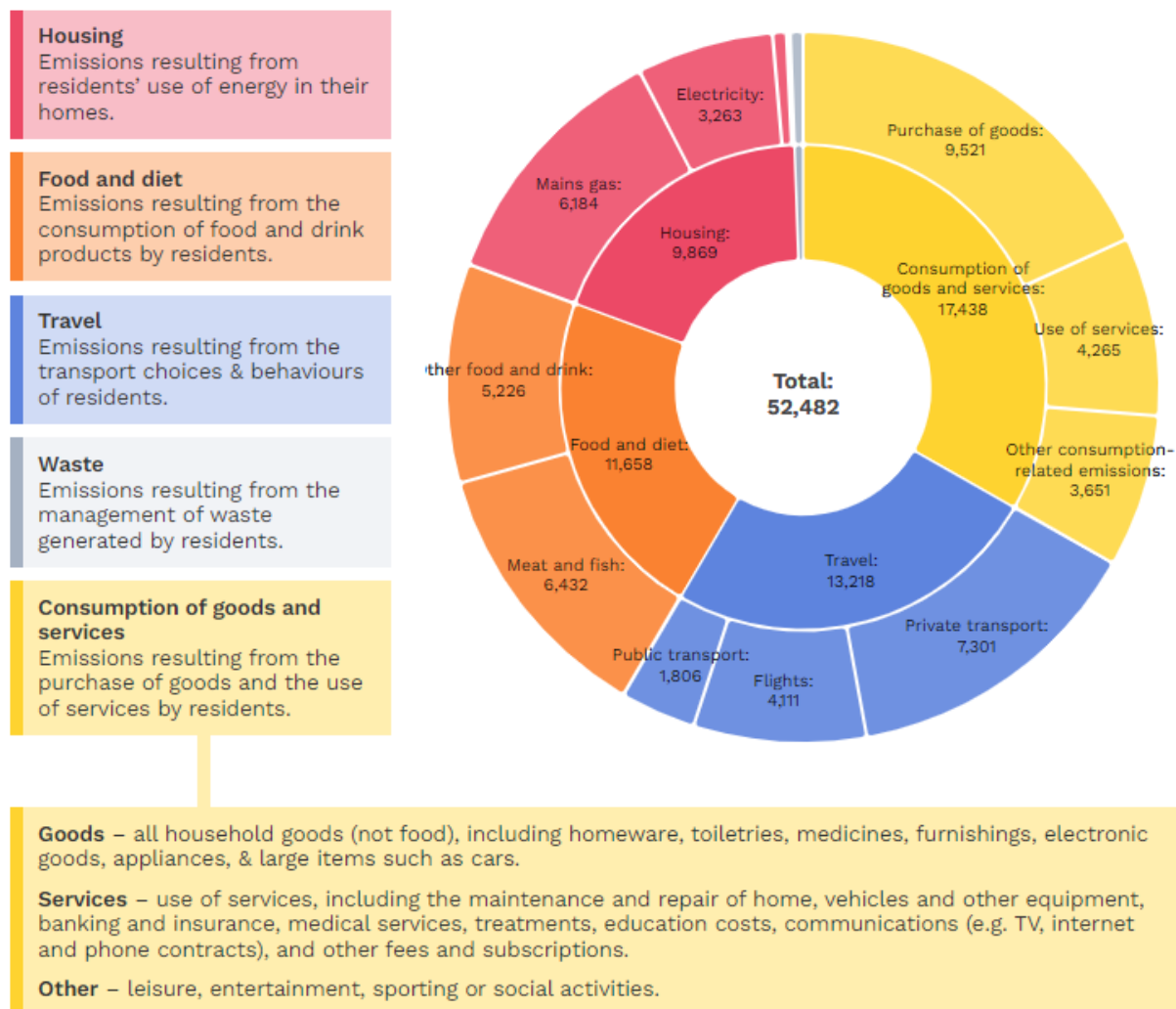
Do you agree with the results?

The aim of the Impact carbon footprinting tool is to give small communities data on their carbon emissions that is easy to interpret, easy to share, and which gives them a clear idea of their main 'impact areas' – those big segments where concerted, community-based action could really make a dent in local emissions. The information is displayed visually via a series of charts. However, for those who do want to access the raw data, you can visit the Downloads page to do so. [Impact | Community carbon calculator \(impact-tool.org.uk\)](https://impact-tool.org.uk)

A footprint for a geographic area (what this tool considers) may be produced on a strict territorial basis (all emissions occurring within the area) or on a consumption basis (all emissions caused by residents of the area, regardless of where geographically they occur). For example, territorial emissions (who to lobby) would include those from all industry, agriculture and transport activity within the area (even if the agricultural output is consumed in a different place). Consumption-based emissions (what local people can do), on the other hand, would include upstream and downstream emissions from residents' consumption of manufactured goods, food and their own transport activity, regardless of where the emissions occur.

Your whole footprint

This figure shows the annual carbon emissions (measured in tonnes CO₂e²) emitted as a result of the different activities that residents within your parish's boundary engage in – from heating to eating.



Southam (p.a.) carbon footprint

Ted's Tech – what in the world are others doing?

Electric Boiler

At last! an economical, zero emissions, all electric boiler to replace a floor standing oil or gas boiler.

Our government wants gas boilers to be replaced with all electric versions, the only choices have been direct electric ones piped into the radiator system but the price of daytime electricity makes them very expensive to run. The other choice being an heat pump be it ground or air source, driven by electricity,

these are only suitable for very well insulated houses because the heat fed into the radiators can only be at a relatively low temperature compared to a gas or oil boiler.

With the Zero Emissions Boiler (ZEB) the clever part with this electric boiler is it only heats up using the cheapest electricity on economy 7 or with an Agile Tariff such as Provided by Octopus Energy which can be even cheaper. The heat is held in a ceramic core which can be heated up to 800 °C and then released slowly into the water radiator system at 60 to 80 °C as required by the central heating system.

The boiler is a direct swop for an existing floor standing boiler simply connecting to the existing pipe and electric systems, it can also be programmed to take power during the day from PV or wind.

The British company who designed and are making it are Tepeo Ltd of Winnersh in Berkshire. For more information see: [the ZEB — tepeo](#)

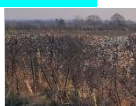
Ted Dowdeswell, September 2022

Want to get involved? – find your local climate action group

1. Low Carbon Warwickshire Network (LCWN), Harbury Energy Initiative (HEI), Harbury e-Wheels and Harbury Future Energy – Bob Sherman, email: lowcarbonwarks@gmail.com T: 01926 612277, M 07919 157224
2. Napton Environmental Action Team (NEAT) – Jonathan Horsfield and Jacky Lawrence, email: neat@gmx.co.uk email
3. Grapevine Environmental Action Team (GREAT) (Charlecote, Hampton Lucy and Loxley) – Tass, email: hellogreatfuture@gmail.com Trello Board: <https://trello.com/b/Pz8kWzqd/hello-great-future>
4. Henley Climate Action - John Stott, email: jdstott@uwclub.net phone: 01564 792251
5. Stretton on Fosse Sustainability Initiative - Dave Passingham, email: davepassingham@hotmail.com phone 07973 846605
6. Warwickshire Climate Alliance (WCA) - Dominic Harrison, email: harrison_dominic@hotmail.com phone: 07977 279002, fb: [\(1\) Warwickshire Climate Alliance | Facebook](#)
7. Build Back Better (Ilmington) - Liz Garton, email: lizgarton15@gmail.com Liz is also a contact for Ilmington 20:20 Vision
8. TRACC (Bishop's Tachbrook Resident's Action on Climate Change) - Martin Drew, email: BishopsTRACC@outlook.com
9. GROW (Wolverton) - Paul Anthony, email: paul.anthony@wolvertonpc.org.uk phone: 077109821456
10. Pillerton Hersey PC - Tim Newcombe (although no longer on the PC), email: timnewcombe123@btinternet.com
11. Transition Town Rugby, Carrie Pailthorpe, <https://www.facebook.com/transitiontownrugby>
12. Kenilworth All Together Greener, Jan Burnell, <https://www.facebook.com/Kenilworth-All-Together-Greener-331940026990994/>
13. Snitterfield Actioning Climate Change, Duncan Parker, [Snitterfield Actioning Climate Change | Community Group \(snitterfieldacc.org\)](#)
14. Sustainable Brailes, Jo Taylor and Louise Appleton, email: sustainable.brailes@gmail.com

15. Avon Dassett Parish Council, <http://www.avondassettparishcouncil.com/>
16. Bishop's Itchington Parish Council, [Bishops Itchington Parish Council \(bishopsitchington-pc.gov.uk\)](http://BishopsItchingtonParishCouncil(bishopsitchington-pc.gov.uk))
17. Church Lawford, keithsinfield@talktalk.net
18. Stratford Friends of the Earth, Janet Palmer, Stratfordonavonfoe@outlook.com
19. Clean Air Warwickshire, Warwickshire Cycle Buddies, Hazel Underwood, www.warwickshirecyclebuddies.co.uk
20. Act on Energy, Nick Bancroft, Head of External Programmes, Unit 1.4 Lauriston Business Park, Pitchill, Salford Priors, Warwickshire, WR11 8SN, Tel: 01789 333169, Email: nick@actonenergy.org.uk, website www.actonenergy.org.uk
<https://www.facebook.com/actonenergy>
21. Boddington Parish Council Sustainability Group, Mark Thompson, <https://www.boddingtonparish.co.uk/index.php/information/sustainability>, Sustainability (boddingtonparish.co.uk)
22. Stratford Methodist Church, Eco-Congregation, Stratford Churches Together Eco group, Lim Ho, [Eco-Church – WELCOME TO OUR WEBSITE \(wordpress.com\)](http://Eco-Church-WELCOME-TO-OUR-WEBSITE.wordpress.com)
23. Stratford Climate Action, Stephen Norrie, email: info@stratfordclimate.org, web: [Stratford Climate Action – Local responses to the climate crisis in Stratford-upon-Avon and South Warwickshire](http://StratfordClimateAction-Local-responses-to-the-climate-crisis-in-Stratford-upon-Avon-and-South-Warwickshire), fb: [Stratford Climate Action | Facebook](http://StratfordClimateAction|Facebook)

News



Low Carbon Warwickshire Network

LCWN Facebook group set up by Emma Powell for everyone to share useful things. Please like and follow it. Please send any comments to emma.powell@octoenergy.com
<https://www.facebook.com/Low-Carbon-Warwickshire-Network-101562702401683/>

Act on Energy

Act on Energy can offer expert advice on:

- Energy efficiency tips to reduce your bills
- Grants and funding for energy efficiency measures
- Grants for replacement heating systems
- Help with fuel bills and Energy debt
- Billing issues with your supplier

The advice is free – simply call on 0800 988 2881 or check out the website: [Act On Energy - Energy Efficiency, Grants & Advice](http://ActOnEnergy-EnergyEfficiency,Grants&Advice)

Warwickshire County Council and Warwickshire Climate Alliance

Warwickshire school children have made a creative reply to Climate Change as part of an art competition.



'A creative response to Climate Change' was organised by the Warwickshire Climate Alliance and Warwickshire Open Studios, to encourage youngsters across the county to express their thoughts and feelings on the climate emergency. For more pictures go to:

[A creative response to Climate Change – Warwickshire Climate Emergency Climate Change Competition | Warwickshire Open Studios](#)

Events and Meetings

LCWN Event in Kenilworth

The next LCWN event is on the morning of Saturday 15th October in Kenilworth at the Methodist church.

Low Carbon Warwickshire Network: inspiring action

15 Oct 2022 | 09:45 AM - 12:45 PM | BST British Summer Time

Kenilworth Methodist Church, Warwickshire, CV8 1LQ

Registration at:

[Low Carbon Warwickshire Network: inspiring action - RSA \(thersa.org\)](#)

Speakers include:

Members of the Kenilworth All Together Greener (KATG) car club group

Sharon Maxted from the Kenilworth Repair Cafe

Fern Arnold from Bee Friendly Kenilworth

Prof Reza Ziarat from the Coventry & Warwickshire Air Quality People's Chamber (CW-AQPC)

The David Middleton Sustainability Conference



[The David Middleton Sustainability Conference 2022 – Climate Change Solutions \(climate-change-solutions.co.uk\)](#)



Useful Links

- [Sustainability \(boddingtonparish.co.uk\)](http://boddingtonparish.co.uk/sustainability)
- <https://www.boddingtonparish.co.uk/index.php/information/sustainability>
- <https://www.thersa.org/fellowship>
- [Climate Action – West Northamptonshire | Climate Action – West Northamptonshire \(ca-wn.org\)](http://ClimateAction-WestNorthamptonshire.org)
- <https://www.facebook.com/WeAreCAWN/>
- <https://oya.energy/>
- marketing@oyaenergyuk.com
- <https://www.theheatinghub.co.uk/about>
- <https://heatingacademynorthampton.co.uk>
- [The David Middleton Sustainability Conference 2022 – Climate Change Solutions \(climate-change-solutions.co.uk\)](http://TheDavidMiddletonSustainabilityConference2022.co.uk)
- [Energy Saving Trust](http://EnergySavingTrust.org)
- [the ZEB — tepeo](http://theZEB-tepeo.org)
- [A creative response to Climate Change – Warwickshire Climate Emergency](http://Acreativeresponse.co.uk)
- [Climate Change Competition | Warwickshire Open Studios](http://ClimateChangeCompetition.org)
- [Warwickshire Low Carbon Network – Harbury Energy Initiative](http://WarwickshireLowCarbonNetwork.org)
- www.harburyenergy.co.uk
- Community Energy Warwickshire Fund <https://www.heartofenglandcf.co.uk/wp-content/uploads/2020/12/CEW-2020.pdf> The fund aims to:
 - • Support the development and installation of renewable energy projects
 - • Encourage the sustainable use of energy and reductions in carbon emissions
 - • Promote public awareness of environmental issues and support educational initiatives
 - Available Funding - There's grant of up to £2,000. Funding must be spent within 1 year.[CEW-2020.pdf \(heartofenglandcf.co.uk\)](http://CEW-2020.pdf)
- [Act On Energy - Energy Efficiency, Grants & Advice](http://ActOnEnergy.org)



Have your say— What do you want to see in future editions?

This is your newsletter and only as good as you make it – it is your opportunity to :

- publicise any on-line events you are holding
- let other community groups know what you are currently up to and other news
- share your experiences



Ideas, requests, offers, Q & A, hints & tips

Please send all copy (by 5th of each month), news items, case studies, details of events, comments, suggestions and enquiries about this newsletter to: lowcarbonworks@gmail.com referring to the issue date and number for queries or phone Jacky Lawrence on 07906 440496.

