

CONNECTING LOW CARBON GROUPS ACROSS THE COUNTY

Low Carbon Warwickshire Network Newsletter

August 2021 Issue 9

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. 'Creating Low Carbon Communities' events have been held in Harbury, Napton on the Hill and Henley-in-Arden. The events at Church Lawford, Snitterfield and Kenilworth were on-hold due to the pandemic and are being re-arranged.

A range of partners are working together to help secure the resources the Network will need to grow and deliver on its vision.

Ineco Energy - Coventry Council Project

Following the success of work at three schools in Warwickshire to reduce carbon emissions and energy demand, using LED lighting and solar PV technology, Ineco Energy are now continuing their green work in the Coventry area. Coventry Council selected Ineco Energy to partner on the delivery of solar PV solutions for 41 community buildings; including schools, libraries, and social care settings. Over the lifetime of the projects, the systems will generate 1,840 MWh of energy, saving the carbon equivalent of planting 9,766 trees.



Encouraging Local Energy Systems – a new national approach

Last month, UK Research and Innovation (UKRI) hosted a conference on smart local energy systems: Unlocking Net Zero, which took place online over four days from 19 July to 22 July 2021. Energy technology companies, local authorities and community organisations came together to encourage new approaches to energy policy and regulation. These new approaches will help the development of flexible, intelligent and joined-up energy systems at a local level. Demonstrator and trial projects around the UK, funded by UKRI, are starting to show the benefits of joining up local energy generation, demand and storage using intelligent data systems. [National energy approach encouraged to grow local energy systems – UKRI](#)

Who are we? Introducing.....

This month we get **Ted Dowdeswell** from **Deppers Bridge** to talk to us about his low carbon journey.

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

In 1954, aged 18, I had tuberculosis, the Red Cross were kind enough to send me to a sanatorium in Davos, Switzerland. Towards the end of my time there a group of us were taken on a hike from the top



of the Fluela Pass up on to the Grealech glacier. I remember the ice breaking off at the bottom about the height of a double decker bus. We climbed at the edge on to the top to see the length of around one to two miles.

Ten years later in 1964 my parents, my wife and I went on a camping holiday to the Mediterranean. We decided to drive through Davos on the way and visit the sanatorium. We met one of the nurses who was still there. The next day we left and drove over the Fluela Pass towards St. Moritz. On reaching the top of the pass we stopped and walked the 1/2 mile up to see the glacier, on reaching a hump in the valley where the glacier was held back, I was shocked and dumbfounded to find it had completely disappeared!!!
Ok - We had not heard of Global warming then, but it had obviously started.

The 'what three words' (w3w) address for the Fluela pass in Switzerland is:- eased.fades.singing

2. What made you commit to doing something?

In 2008, driving back from Bourton on the Water and having to fill up with diesel, I had an overwhelming feeling of guilt about burning Fossil fuel just for pleasure.

Shortly afterwards I visited the last Royal Show at Stoneleigh, one stand in the Renewable Energy area was showing a device for processing waste vegetable oil into Biodiesel. I thought, now if I can do that I shall feel less guilty! Their processor was of stainless steel costing over £2,000. I eventually bought one made of plastic at the LAMA agricultural show near Newark for £950. Since then I have processed 180 batches of 100 litres, generally producing around 95 litres of good fuel each time. My 27 year old Citroen runs very well on it. To add the cherry on the cake, in 2007 because most of the waste cooking oil was being sent to landfill a government ruling was brought out allowing any private person to produce up to 2,500 litres per annum for their own use without having to pay duty.

3. What have you done?

Since then, in a Sustainability show at the NEC the innovation area was showing a little device to produce a small amount of Hydrogen to feed into the air inlet of any diesel, petrol or gas engine to improve combustion and slightly increase mpg. It does work! My old cars MOT test showed exhaust particulates down to zero, and its mpg was improved by around 6%, price fitted £500.

At home in Deppers Bridge we have a lot of trees and bushes that need cutting back, these get bundled and fed into a large biomass boiler. This heats water that feeds into a buffer tank by our house from where a heat exchanger takes the heat and pumps it into our central heating system when required. The buffer tank is inside a straw bale shed built by our dear friend Derrick Knight. Our oil boiler is still in the house for backup.

In 2012 we had 4kW_p of PV panels fitted to our house roof, to date they have generated 38,950 kWh. without burning Fossil Fuels.

In 2014 I purchased an electrically assisted bike, it gets used regularly when it's not raining!

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

The climate on our Earth has to be prevented from overheating! We have caused the problem by releasing so much fossil fuels! We cannot afford to burn any more and yet we do in ever increasing amounts!!!

Helen and I have ordered battery storage to help reduce our load on the grid.



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

Diesel and petrol cars will be around for a few years yet, get them all fitted with hydrogen devices to reduce their pollution and burn slightly less fossil fuel. Now costing only £450 fitted, available from Atmos-clear in Exeter, nearest local dealer:- Hammond Automotive Ltd., Lutterworth.

I get the feeling very few people really care. I wrote an article on the Hydrogen device in Harbury & Ladbroke News. Guess how many did anything about it??? None!

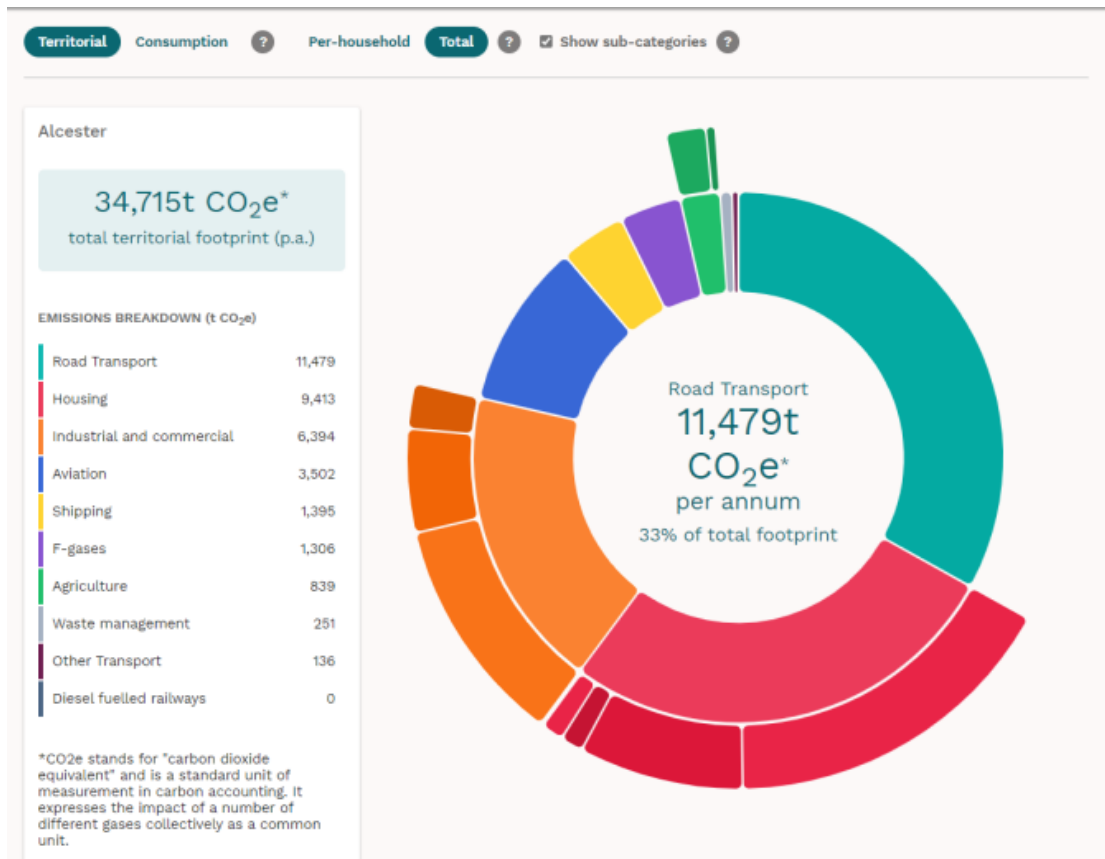
Ted Dowdeswell, Deppers Bridge

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 \(impact-tool.org.uk\)](http://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 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, 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.



Alcester's total territorial carbon footprint

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

1. Low Carbon Warwickshire Network (LCWN) and
2. Harbury Energy Initiative (HEI) – Bob Sherman, email: lowcarbonwarks@gmail.com phone: 07919157224
3. Napton Environmental Action Team (NEAT) – Jonathan Horsfield and Jacky Lawrence, email: neat@gmx.co.uk email
4. 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>
5. Henley Climate Action - John Stott, email: jdstott@uwclub.net phone: 01564 792251
6. Stretton on Fosse Sustainability Initiative - Dave Passingham, email: davepassingham@hotmail.com phone 07973 846605
7. Warwickshire Climate Alliance (WCA) - Dominic Harrison, email: harrison_dominic@hotmail.com phone: 07977 279002
8. Build Back Better (Ilmington) - Liz Garton, email: lizgarton15@gmail.com Liz is also a contact for Ilmington 2020
9. TRACC (Bishop's Tachbrook) - Martin Drew, email: BishopsTRACC@outlook.com

10. GROW (Wolverton) - Paul Anthony, email: paul.anthony@wolvertonpc.org.uk phone: 077109821456
11. Pillerton Hersey PC - Tim Newcombe (although no longer on the PC), email: timnewcombe123@btinternet.com
12. Transition Town Rugby <https://www.facebook.com/transitiontownrugby>
13. Kenilworth All Together Greener <https://www.facebook.com/Kenilworth-All-Together-Greener-331940026990994/>
14. Snitterfield Actioning Climate Change [Snitterfield Actioning Climate Change | Community Group \(snitterfieldacc.org\)](https://snitterfieldacc.org)
15. Avon Dassett Parish Council
16. Bishop's Itchington Parish Council
17. Church Lawford

News

Warwickshire County Council, Green Shoots Projects

Grants awarded in August 2021, Published: 30th July 2021

A full list of projects that are set to receive WCC Green Shoots Community Climate Change funding can be found below:

High-Value Projects – Up to £25k

Active Travel

- 1st Path Creation Freemantle Play Area/Cornwallis Open Space – Rugby Borough Council
- 2nd Cycle Buddies – Clean Air Warwick

Ecology

- 1st The Kenilworth Centre Community Garden – The Kenilworth Centre Community Garden & The Talisman Project
- 2nd Heat reduction and resilience herb garden – Transition Town Rugby
- 3rd Green Shoots Across Dunsmore – Warwickshire Wildlife Trust
- 4th St John's Community Garden Project – St John's Parochial Church Council (St John the Baptist Church, Tachbrook Street)
- 5th Warwickshire Living Walls – Forest of Hearts
- 6th Bilton Infant School Sensory Garden – Friends of Bilton Infant School
- 7th Re-Treeing Ansley Parish – Ansley Parish Community Voluntary Group
- 8th The Children's Forest at Leasowe Farm – Achieving Results in Communities CIC
- 9th Community Wildflower Garden – Shuttington Parish Council
- 10th Recreation Ground Improvement – Bubbenhall Parish Council
- 11th Action Station - Stratford Biodiversity Education Project – Graduate Planet CIC
- 12th Rain water harvest – Cubbington Parish Council

Electric Vehicles



- 1st EV Charging Points – Napton Environmental Action Team (NEAT)
- 2nd EV charging/ heating / cooling – Kineton Sports and Social Club

Property, Insulation and Heating

- 1st Energy efficiency – Bedworth, Rugby And Nuneaton Citizens Advice Bureau
- 2nd Replacement for Wixford Village Hall – Wixford Village Hall
- 3rd Replacement of 100 year old heating system – All Saints Church, Leek Wootton

Renewable Energy

- 1st Green Transformation – Earlswood Village Hall (EVH)
- 2nd Greig Hall, Alcester – Alcester Town Council
- 3rd Solar PV – St Georges Church
- 4th Reducing the environmental impact through action and education – Harbury Guide and Scout Support (G.A.S.S)
- 5th PV Solar System Energy Storage – Ettington Community Trust / community centre
- 6th Solar PV – Clinton School c/o Jonathan Dove
- 7th Solar PV – Friends of Coten End Primary School PTA

Low Energy Streetlighting

- 1st Street Lighting Upgrade – Church Lawford Parish Council
- 2nd Upgrade to double glazing – Kingsbury Community and Youth Centre
- 3rd Streetlight Upgrade – Wolston Parish Council
- 4th Streetlight Replacement Project – Shilton & Barnacle PC
- 5th Rural Tour Green Tech Project – Sudden Impulse Production Company
- 6th 3G LED Project – Stratford Town Football Club

Training and Awareness

- 1st Community Roots – Team Springboard CIC
- 2nd Climate Hub – Stratford Climate Action

Lower Value Projects – Less than £5k

Active Travel

- 1st Climate Emergency: Local Council Action Planning Day – Warwickshire and West Midlands Association of Local Councils (WALC)
- 2nd Shipston on Stour Bike Rack –St Edmund's Parish Church,

Ecology

- 1st Raised Vegetable Beds – Provost Williams Primary School PTA
- 2nd Tree planting to enhance the character and quality of Priory Park, Warwick – Friends of Priory Park (FOPP)
- 3rd Tree Planting and Wildflower Verge Seeding – Welford on Avon Parish Council

- 4th Plant a tree before '23 – Kineton Parish Council
- 5th Community garden and community orchard – Hillmorton and East Rugby Together Community Group (HEaRT)
- 6th Going Green at RLI – Friends Of Race Leys Infant School
- 7th Eco Group-transforming our garden – St Peter & St John's Church Rugby
- 8th Bridge Street Hedgerow – Barford, Sherbourne & Wasperton Joint Parish Council (JPC)
- 9th Native Hedge for Barford Community Orchard – Bar Zero
- 10th Green Shoots of 2021: A Tree Planting Scheme for Weston Under Wetherely – Weston Under Wetherley Parish Council
- 11th Tree planting – Friends of Bluebell Walk (FOBW)
- 12th Champion School Blossom Trees – Paintings Plantation Steering Group
- 13th Park Biodiversity Project – Farnborough Parish Council
- 14th Climate Emergency Green Infrastructure – Luddington Parish Coun
- 15th Weston Under Wetherely Community Orchard Project – Weston Under Wetherley Parish Council
- 16th Telford Junior's Climate Change Action Group – Telford Junior School Parents Association
- 17th Re-Growth of Wildlife Area – Tanworth-in-Arden Parish Council
- 18th Great Balance Pocket Park – George Birch Close, Great Balance and Colledge Close Residents
- 19th Eco Garden Project – Nuneaton Community of Christ Church

Electric Vehicles

- 1st EV / Lighting Upgrade – The Myton Hospices
- 2nd Stretton Sustainability Initiative - Community Electric Vehicle Charge Points – Stretton-on-Fosse Parish Council

Property, Insulation, Lighting and Heating

- 1st Village Hall Loft Insulation – Binley Woods
- 2nd LED lighting at Radford Semele Primary School: phase 3 – Radford Semele Parent Teacher Association (PTA)
- 3rd Adapting for a sustainable future – The Open Door Café
- 4th Fit for the Future – Shotteswell Village Hall
- 5th Canalside - Solar Lighting And Native Hedging – Ruby's Yard CIC
- 6th Upgrade to LED lighting to 71/73 Long St - Arcade for start-up businesses and community use – Atherstone Town Council
- 7th LED lighting for Community Unit/Social Supermarket – Atherstone Town Council

Training and Awareness

- 1st Water Collection to Replace Mains Water – Mount Pleasant Allotment Association
- 2nd Climate Change Day for the pupils of Bridgetown Primary School, Stratford upon Avon – Friends of Bridgetown School
- 3rd NEAT News – Napton Environmental Action Team (NEAT)

Waste

- 1st Making Meon Vale Sustainable – Meon Vale Residents' Association
- 2nd Kenilworth Repair Café – Kenilworth Repair Café

For more information about the scheme, visit: www.warwickshire.gov.uk/greenshootsfund

For more information about how Warwickshire County Council is facing the challenges of the climate change emergency, visit: <https://www.warwickshire.gov.uk/strategies-policies-legislation/facing-challenge-climate-change-warwickshire>

Get the latest news about how Warwickshire County Council and partners are facing the challenge of the climate emergency and how you can get involved: <http://eepurl.com/hrk-zf>

Events / Meetings

Anyone interested planning a Climate Change Skills summer camp for 2022?

Very early conversations have begun to see if it is possible, determine age appropriate activities and gather suggestions for what and where it could be done. We now have an agreed 'in principle' outdoor venue.

Contact jackylawrenceltd@gmail.com if you wish to be involved in future discussions.

Useful Links

- www.warwickshire.gov.uk/greenshootsfund
- <https://www.warwickshire.gov.uk/strategies-policies-legislation/facing-challenge-climate-change-warwickshire>
- Community Energy Warwickshire Fund <https://www.heartofenglandcf.co.uk/wp-content/uploads/2020/12/CEW-2020.pdf>
- Community Energy South run master classes for community energy groups. All past master classes are on line. [Events & Masterclasses — Community Energy South](#)



- A debate was held in Westminster Hall on Thursday 1 July 2021 at 1.30pm on enabling community energy. Both Napton Environmental Action Team and Harbury Energy Initiative / Harbury Future Energy project were mentioned by Jeremy Wright MP. [CDP-2021-0108.pdf \(parliament.uk\)](#)
- [Take Climate Action](#)
- [Home - REA \(r-e-a.net\)](#)
- [Smart local energy systems: unlocking net zero - KTN \(ktn-uk.org\)](#)
- [National energy approach encouraged to grow local energy systems – UKRI](#)



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: lowcarbonwarks@gmail.com referring to the issue date and number for queries or phone Jacky Lawrence on 07906 440496.