

# PACE UPDATES

Powick Action on Climate Emergency (PACE) is a sub-group of Powick Parish Council, formed after the council voted to declare a climate emergency in 2019. On current trends the Paris Agreement limit of 1.5°C warming above pre-industrial level will be reached by 2034. We must act to respond to this in an effort to preserve the unique environment that makes our parish such a special place. We have worked as a group within the Parish Council towards this.

## Collaboration with Callow End Festival

We worked with Callow End Playing Field Association to deliver reuse and recycle initiatives as part of the wonderful Callow End Festival, which took place on the 18th September. This included designing and helping with the funding of the reusable glasses, and setting up and administering the recycling facilities.



These initiatives helped to reduce the waste created by the festival and ensure that what waste was created was better dealt with.

Alongside the initiatives themselves, we were at the park, promoting these themes on the day. You may have seen us with our big green flag and recycling activity table. If you see us around, come and say hi!



**Your Zip Wire Needs You!**

All Callow End Festival funds go towards restoring the zip wire...

**Contact Roy to donate:**  
[roy@courtproperty.co.uk](mailto:roy@courtproperty.co.uk)

# COP26

## **What is COP26 and why does it matter?**

COP26 is the 26th meeting of the Conference of Parties, the 26th year that governments, NGOs, trade unions, businesses, and everyone else with any interest in climate change meets to review and negotiate global action. Taking place from 31 October - 12 November 2021, the world is headed to Glasgow, formally hosted under the UK Presidency. COP26 will be the biggest summit the UK has ever held, with many describing it as the most significant climate change summit of all time.

The recent IPCC report stated that changes in climate are widespread, rapid and intensifying. They are unprecedented in thousands of years. Human activities are indisputably causing climate change. Making heatwaves, heavy rainfall and flash flooding, and droughts more frequent and severe.

This is what the parties at COP26 will meet to address and, as with COP21 (from which the Paris Agreement arose), it is a crucial opportunity to bring about change and limit the effects of climate change.

You might be wondering what you can do? Here are our suggestions...

**COP26 will be covered in the news, online and across social media. Engage with this to gain a better understanding of what is discussed and pledged.**

**Use the hashtag #COP26 to raise awareness and to highlight the issues you feel passionate about.**

**Listen out for actions you can take and changes you can adopt. All reductions in emissions are to the good.**

**Contact your MP and representatives to encourage them to take action and keep pledges agreed at COP26. Contact details can be found at: [writetothem.com](https://www.writetothem.com)**

**Join a local group to take action and make your voice heard.**

# ENERGY NEEDS

Cast your mind back to the Powick Parish Neighbourhood Plan Survey distributed earlier this year. Hopefully you will recall a section introduced thus:

## ***Communities now need to take more responsibility for their energy needs.***

We listed various initiatives, some of which you may not be familiar with, so here is a very brief overview of alternative energy resources.

### **Solar Power – *sustainable and renewable***

Solar Power is the conversion of energy from sunlight into electricity and typically uses PV, i.e. photovoltaic cells (as seen on roofs and across land) to convert light into electric current. Remember the early versions; solar powered calculators? Commercial set ups first appeared in the 1980s. The technology and usage has developed significantly so that National Grid networks are not uncommon. The system is an inexpensive, low carbon technology harnessing renewable energy from the sun.

### **Wind Power – *sustainable and renewable***

Wind power provides mechanical energy through wind turbines to turn electric generators creating electric power. Wind farms are usually a number of wind turbines connected to an electric power transmission network. Onshore wind farms are inexpensive to construct and maintain and in many instances cheaper than coal or gas. Offshore wind farms can offer a more constant wind supply but are of higher construction and maintenance cost.

### **Biomass Fuel**

Biomass fuel is plant/animal material used to produce electricity or heat and is typically wood, energy crops (e.g. corn, switch grass, bamboo) and waste from farms. In its recognisable form it is shaped into pellets, particularly for domestic use. There is some argument against forest biomass (wood) being classed as a sustainable biomass fuel as there is a question over its carbon neutrality. Land use for biomass crops raises other issues. Waste can provide a sustainable energy source when used as biomass fuel; though waste should be minimised, reused and recycled first. Such waste includes agricultural and municipal solid waste, manufacturing waste, land fill gas and sewerage sludge!

**Creating renewable energy and switching to more electrically powered items for transport, heating and other activities is central to our efforts to cut emissions. The UK energy mix is currently around 40-60% low-carbon electricity. Greater progress in this area is crucial to meeting our emissions targets. Switch to green energy (e.g. change supplier, install solar / micro generation) and electrically powered items (e.g. vehicles, heat pumps) where possible and demand change.**

# ACT NOW

## I pledge to:

Tick  
them  
off!



Engage with #COP26 to learn more about the issues and to help create the change we need to see



Do a 'home energy check' to find out how I can save energy in my home – see: Energy Saving Trust



Walk, cycle, use public transport or lift share (when it's safe to do so). Have a "No Car Day"



Create a wildlife friendly garden: encourage bees, birds and other wildlife – see: RSBP "Giving Nature a Home"



Repair, reuse and recycle. Visit a Repair Café. Cut back on buying non-essential goods – and save money!



Amend my diet; eat less meat, buy more local produce, use what's in season



Educate myself about the science and impacts of Climate Change



Talk about Climate Change with family friends and work colleagues. Exchange thoughts and ideas



Contact my MP and representatives to encourage them to take action on this issue



Take action in your community. To join PACE, please get in touch: [contact@powickclimateaction.org](mailto:contact@powickclimateaction.org)