

## RENEWABLE ENERGY OPPORTUNITIES ON THE HORIZON

As part of our decarbonisation programme we're looking at renewable energy opportunities for the plant. One of these technologies is solar photo voltaic panels and a feasibility study is currently underway to understand how this could supply a significant amount of the energy required to power the plant.

As part of the proposal, we're considering ways to minimise any potential impacts on the local community and environment. Please look out at future community engagement events for information and opportunities to engage on the topic.



# CAULDON COMMUNITY NEWSLETTER

November 2023

## LOCAL DONATIONS & VOLUNTEERING



It's been a busy year so far for our donations and volunteering!

**Over £8000 in donations have been made** including support for the Moorlands Villages Scout Group, Calton Crawl Fell, and Cotton Parish Council.

Materials donations included two large boulders for the new polar bear exhibit at Peak Wildlife Park, and aggregate for surfacing work at the Waterhouses Allotment Association.

Over 145 volunteering hours have also been completed supporting a local nursery school and helping maintain community gardens at a hospice among other initiatives.

## HAVE YOUR SAY

We recently launched a dedicated webpage focusing on the cement plant. It provides local information linked to our Sustainability Strategy, as well as who to contact for any concerns or enquiries.

Please visit the page if you'd like to read more, and if you do need to contact us, you can use the online feedback form provided. This form will land directly with the people who can make a difference.

[www.aggregate.com/cauldon-cement-plant](http://www.aggregate.com/cauldon-cement-plant)

## FOREWORD



### WELCOME TO THE AUTUMN EDITION

Thierry Davilla,  
Caudon Plant Manager

Welcome to the first edition of our Caudon Community Newsletter.

We've got so many exciting and interesting projects coming up at the Cement Plant and we'd like to keep you up to date.

For more information, please join us at our **Community Event on 23<sup>rd</sup> November from 4pm** - see overleaf for details.

We hope you find the newsletter interesting and we'd welcome any feedback.

Many thanks,

*Thierry*



Caudon Cement Works

## NEW FILTER SYSTEM TO REDUCE EMISSIONS BREAKS GROUND

Construction work is now underway to install a new multi-million-pound system at Caudon Cement Plant, to improve performance and reduce emissions on site.

The £8.7million kiln bag filter will remove particulate matter generated as part of the cement production process and help prevent it from getting into the atmosphere.

Contractor CTP Inspire Evolution has now started construction work, with a view to the new filter system being fully operational during 2024.

The new system is made up of 2,080 specialist fabric bags and captures dust particles before they enter the atmosphere.

It will be three times more effective than the existing electro-static-precipitation technology, which was installed in 1984. It will also use less power.





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## CAULDON CEMENT PLANT JOINS WORLD LEADING CARBON CAPTURE PARTNERSHIP TO DRIVE UK TOWARDS NET ZERO

Aggregate Industries is now part of Peak Cluster, a ground-breaking new partnership that aims to dramatically reduce carbon emissions in cement and lime production.

Being led by Progressive Energy, its aim is to capture and transport carbon dioxide emissions from Cauldon and other partner plants before permanently locking it away beneath the East Irish Sea.

It aims to cut annual carbon emissions by over three million tonnes a year from 2030, decarbonising 40% of the UK's cement & lime industry.

Dragan Maksimovic, CEO for Aggregate Industries said: "Peak Cluster will help us and our partners cut the total carbon emissions of Staffordshire and Derbyshire by a quarter. That is a game changer.

"A key driver for our whole business is greening our operations and helping to lead the way in decarbonising the industry. To become a net-zero business and to help the UK to reach its net-zero targets we must take positive action now.

"Carbon capture, utilisation and storage is a vital component in that objective."

The Peak Cluster team is committed to working closely with local communities and interest groups, to help shape the project.

Find our more at [www.peakcluster.co.uk/](http://www.peakcluster.co.uk/)

### COMMUNITY MATTERS: DROP IN AND MEET US ON THURSDAY 23rd NOVEMBER

**On November 23<sup>rd</sup>** we'll be holding a drop-in event for anyone who'd like to come and chat with us about the plant, and our ambitious plans for the future.

The event will run from **4pm to 8pm** at **Waterhouses Primary Academy School**.

On show will be many of the initiatives covered in this newsletter, and there'll be an opportunity to talk to the company who are helping us look at the plant in a completely new way ... using an acoustic camera!

Our team of specialists will be on hand to answer questions and talk in detail about the plant, the challenges we face, and our roadmap for the future.

We're also keen for you to share with us what you'd like the plant to do for the local community. Through our donations process we support many local initiatives, but is there something more we could be doing?

On the evening you'll have the chance to talk to our community team, and to share your ideas with us.

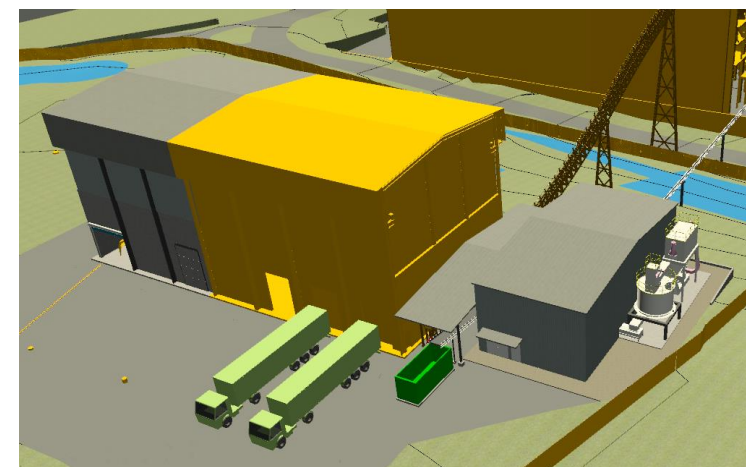
**We hope you can join us.**

## PROPOSED GEOCYCLE EXTENSION TO REDUCE RELIANCE ON FOSSIL FUELS

We'll soon be submitting a planning application for a proposed extension of the Geocycle Hurst Farm facility. We're looking to build on the existing structure to further decarbonise our operations and divert more waste derived fuels from landfill. The project is a major step on our journey to stop using fossil fuels.

Initial proposals seek to double the existing storage hall to the south side of the building. To the north, a second smaller building will house a processing plant, designed to screen and separate waste derived fuels.

These will be transferred across the highway into the cement plant, using an additional transfer conveyor over the road - this will be a narrow tube instead of the existing 'U-Belt' conveyor, and its trajectory will be flatter.



The overall site footprint will not increase and the extension will be within the current fenced boundary.

The project will result in a marginal increase in vehicle movements (2-3 trucks per day). However, vehicles will move away from using the cement plant weigh-bridge up to the automated Geocycle Hurst Farm entrance, helping to reduce vehicle movements in this sometimes congested area.



## 2023 SAFETY WEEK

In September we held our 2023 Safety Week, inviting all members of staff from the plant to attend a series of events focused on health and safety.

The week saw a number of guest speakers, all with unique stories and perspectives regarding the topic, including experts such as John Berrisford from the local fire and rescue service, through to those impacted by injuries personally.

Overall the week was a great success with plenty of learnings taken by all that attended.

## BIODIVERSITY MANAGEMENT PROGRAMME READY TO LAUNCH

A four-year programme to improve ecology and biodiversity across Cauldon and Cauldon Low will commence next year.

We are particularly lucky to be the home of a Site of Special Scientific Interest (SSSI), which is managed through our phased restoration projects.



We're celebrating a recent success after effectively translocating calcareous grassland and wildflower meadows.

Now that grassland is established, further enhancement of the habitat will take place.

