

Protos is a destination for energy, innovation and industry. Welcome to the latest edition of our community newsletter where you can find out what's been happening at the Protos site and what to expect over the coming weeks and months.



Plastic Park at Protos given green light to go ahead.

## LATEST NEWS

### UK'S FIRST PLASTIC PARK AT PROTOS GIVEN GREEN LIGHT

Plans to build a pioneering Plastic Park at Protos have been approved by councillors at Cheshire West & Chester Council. The £165m park will manage 367,500 tonnes of plastic every year and help reduce carbon emissions on the road to net zero. It will include a variety of innovative processing and treatment technologies and follows previous approvals for the UK's first

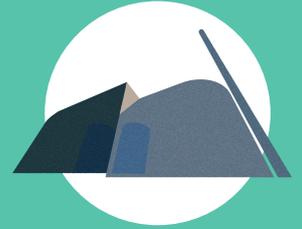
### CHESHIRE HYDROGEN TO LOCATE AT PROTOS

A new hydrogen project is set to be located at Protos. The proposed 28 megawatt (MW) Cheshire Green Hydrogen project will use renewable electricity from Foresight's Frodsham Wind Farm next to Protos to generate green hydrogen.

The project is the first to be revealed following the signing of a Memorandum of Understanding (MOU) between Peel NRE and Progressive

## AT A GLANCE

Ince Bio Power secures funding for Carbon Capture Demonstration project



The Protos community benefit fund has supported two important projects in Elton and Helsby.

Visitors to Harmers Wood, Helsby can learn more about the area and special points of interest thanks to a new set of information boards.



waste Plastic to Hydrogen facility and a PET (polyethylene terephthalate) recycling plant. The Plastic Park will also feature a hydrogen refueling station, with the overall scheme set to create around 147 new jobs.

Energy. The two companies are exploring the design and delivery of vital new hydrogen and CO2 infrastructure at Protos, capitalising on its proximity to the hydrogen and carbon capture project HyNet North West.

Cheshire Green Hydrogen will supply low carbon hydrogen via HyNet's planned pipeline. There is potential for the hydrogen to be supplied to Cadent's proposed Hydrogen Village in Whitby, Ellesmere Port and to local industry, including glass manufacturer Encirc.

## INCE BIO POWER SECURES FUNDING FOR CARBON CAPTURE DEMONSTRATION PROJECT

The Ince Bio Power facility at Protos has received government funding to develop a carbon capture demonstration project, designed to scale up carbon capture technology. The Ince Bioenergy Carbon Capture and Storage (InBECCS) project will see the facility become the first of its type to adopt the technology in the UK, capturing over 7,000 tonnes of carbon per year.

The funding marks phase two of InBECCS

with phase 1 involving the successful design of the carbon capture and storage facility and a feasibility study into its operation.

The project is being led by BIG which owns, operates, and manages the Ince Bio Power Plant - the largest waste wood gasification plant in the UK. The 22 MW facility uses commercial waste wood which would otherwise go to landfill, to produce energy for over 42,500 homes.



Ince Bio Power

### ENERGY RECOVERY FACILITY (COVANTA)

Construction of the Protos Energy Recovery Facility (ERF) on Plot 8 is progressing well with the waste bunker, where the fuel will be stored, nearing completion and the precast concrete structure for the Bottom Ash storage area being lifted into place.

Various other elements of the facility are also under construction including the electrical & admin building, the two energy recovery boilers, the Flue Gas Treatment (FGT) plant and associated storage silos. The steam turbine and generator are due to be lifted into place by the end of October 2022.

Over the coming months the civil, structural and mechanical works will continue, together with ongoing deliveries of equipment and materials.

A dedicated Local Liaison Committee for the facility has been set up, with the aim of gathering feedback and opinions from local residents and providing information about the facility to the community. If you are interested in joining the committee, please email: [info@protoserf.com](mailto:info@protoserf.com).

For further information about the Protos ERF project, visit: [www.protoserf.com](http://www.protoserf.com).

### PROTOS COMMUNITY BENEFIT FUND HARMERS WOOD

Visitors to Harmers Wood, Helsby can learn more about the area and special points of interest thanks to a new set of information boards.

The boards were recently unveiled by The Friends of Harmers Wood after the original ones were damaged or vandalised, with some even disappearing from the woodland area.

Harmers Wood is increasingly used by the public for walks and by climbing groups. It also welcomes schools and scout groups who use it for educational purposes and activities. Volunteers are often asked for information about the wood and are now able to point visitors to the new boards.

The information boards have been provided thanks to the Protos Community Benefit Fund who donated just over £1,600. They will help visitors appreciate all that Harmers Wood has to offer from walking trails, thriving vegetation, local history and a plethora of birds, bugs and other wildlife.

*"We're really pleased with the new information boards. They look great and I'm sure will enhance people's enjoyment and understanding of the wood. Our volunteers are already finding that they are an excellent resource when talking to visitors and will help local people learn more about this precious woodland."*

Teresa Summers, Chair of The Friends of Harmers Wood Trust



Harmers Wood

## HELSEBY FIELD LIGHTING AND CCTV

The Protos Community Fund has supported two important projects in Helsby to improve public safety. We funded several new lighting columns along the top and bottom paths of the parish field as well as a new CCTV system next to the children's play area. It's hoped that the new equipment will help stop recent vandalism and anti-social behaviour.

*"The Parish Council is delighted to have completed these two important community safety projects. We would like to thank the Protos Community Benefit Fund for their generous contribution."*

*Councillor Peter Duffy, Chairman of Helsby Parish Council.*



Helsby Field Playground

## ELTON ALLOTMENT OPEN DAY

We had the pleasure of attending the Elton Allotment open day in the summer. Run by the Elton Gardeners Association, the allotment recently received funding from the **Protos Community Benefit Fund** to help improve its car park. We also helped improve the allotment back in 2021, where we funded woodchip for ground cover, wooden security fencing, picnic benches and a much-needed eco-loo! It was great to see how the allotment is growing and what a great asset it is for the local community. Future plans for the allotment include a wildflower area and a fruit tree orchard.



Elton Allotments

## PROTOS COMMUNITY BENEFIT FUND UPDATE

The Protos Community Benefit Fund makes funds available for local community causes every year. Here are some of the recent projects we've been proud to support.

*"Thanks to Peel's continuing contribution to the Community Benefit Fund, we have been able to support a diverse range of projects across the parishes of Ince, Elton, Helsby, Frodsham, Thornton le Moors and Little Stanney and District. Local schools, various community organisations and councils have all received grants during this year for equipment, facilities and services to benefit youngsters, the elderly and everyone in between. Together with the dedication of the hard-working volunteers behind these projects, such initiatives improve the life and environment for all our residents."*

Councillor Sarah Temple (Chair, Protos of Community Forum)

# £50,000

contributed to the Community Benefit Fund in 2022 and further funding available in 2023.

**Communities supported: Ince, Elton, Helsby, Frodsham, Thornton Le Moors, Little Stanney and District**

Transport, community buildings, sport, youth, and heritage are among the wide range of causes considered.



Carpets at Elton School



Tables and chairs for over 50s club



Playground equipment



Village hall refurbishment Ince Village Hall



Tennis equipment & court markings at Helsby Tennis Club



Equipment for Frodsham Bell Ringers

For more details and how to apply visit [protos.co.uk/how-to-apply](https://protos.co.uk/how-to-apply).

## WHAT IS PROTOS?

Protos is Peel NRE's destination for energy, innovation and industry. Located at Ince, the £700m strategic energy hub clusters complementary businesses, including resource recovery and energy intensive industries, associated supply chain and energy generation.



# PROTOS

**Peel NRE**  
RE-ENERGISING NATURAL RESOURCES

Get in touch for more information on Protos

Visit: [protos.co.uk](https://protos.co.uk)

Email: [community@protos.co.uk](mailto:community@protos.co.uk)

Call: Freephone 0800 689 1095 (During office hours Mon-Fri).

You can also follow us on Twitter [@ThisIsProtos](https://twitter.com/ThisIsProtos) LinkedIn [Protos](https://www.linkedin.com/company/protos)