

INTRODUCTION

The Protos Carbon Dioxide Spur Pipeline Proposed Development forms part of the wider HyNet Project and is focused on Carbon Capture and Storage (CCS). The objectives of HyNet are to reduce carbon dioxide emissions from industry and support economic growth in North Wales and the North West of England.

The Proposed Development will connect to the HyNet Carbon Dioxide Pipeline, a Nationally Significant Infrastructure Project which was granted a Development Consent Order by the Secretary of State for Energy Security and Net Zero in March 2024.

The Proposed Development is for the construction of a new Carbon Dioxide Spur Pipeline and Above Ground Installation (AGI) to serve Protos Resource Recovery Park. The Proposed Development will include:

- Protos AGI. The AGI connects to the industrial emitter (Encyclis's Protos Energy Recovery Facility) and enables the safe and efficient operation of the pipeline, as well as routine inspections and maintenance. The preferred location for the Protos AGI is a small parcel of land set back from Marsh Lane, on land owned by PEEL NRE. The AGI would be approximately 55m x 40m in size.
- A mixed above ground and buried pipeline, approximately 1.1km in length. The pipeline would carry carbon dioxide and connect the Protos AGI to the similar AGI at Ince.
- Additional equipment at Ince AGI.
- Temporary construction compounds.

PROJECT STAGE

To gain consent to build the Proposed Development, Liverpool Bay CCS Limited (the Applicant) submitted a planning application through the Town and Country Planning Act 1990 (as amended) to Cheshire West and Chester Council in March 2024. The Ince AGI forms part of the HyNet Carbon Dioxide Pipeline Development Consent Order and will not form part of the Protos Spur Pipeline planning application.

Cheshire West and Chester Council Planning Committee recommended to grant the approval of the Proposed Development (Reference 24/00777/FUL) in September 2024.

PROTOS MASTERPLAN

Protos Resource Recovery Park is owned by infrastructure developer PEEL NRE. As well as the Protos Carbon Dioxide Spur Pipeline Proposed Development, a number of connected projects are in development at Protos, including a new Carbon Capture Plant connected to Encyclis's Protos Energy Recovery Facility.

The Carbon Capture Plant is being developed in a joint venture between Encyclis, one of the UK's leading energy-from-waste providers, and Biffa, one of the UK's leaders in sustainable waste management. The proposed facility plans to capture approximately 380,000 tonnes of carbon dioxide per year from the Energy Recovery Facility at Protos.

The carbon dioxide would then be transported away by the Protos Spur Pipeline to the Ince AGI and onwards to the Point of Ayr Terminal, eventually to be stored in depleted gas fields offshore in Liverpool Bay.

Find out more information about the Protos Carbon Capture and Storage plant at www.CCFconsultation.co.uk

- ▶ The diagram shows a broad red line area, which covers the pipeline working corridor proposed for construction.



PROPOSED TIMELINE

