

INTRODUCTION

The Padeswood 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 Spur Pipeline 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 Spur Pipeline Proposed Development will connect the Heidelberg Materials cement works at Padeswood (Flintshire) with the HyNet Carbon Dioxide Pipeline at Northop Hall AGI, including:

- Padeswood Above Ground Installation (AGI). The AGI will allow for the safe and efficient operation of the pipeline, as well as routine inspections and maintenance. The AGI would be approximately 50m x 30m in size and located within the Heidelberg Materials facility.
- A buried pipeline, which would be approximately 10km in length. The pipeline would transport carbon dioxide from the Padeswood AGI to the similar AGI at Northop Hall (the Northop Hall AGI has already been granted development consent through the HyNet Carbon Dioxide Pipeline Development Consent Order).
- Additional equipment at Northop Hall AGI, including above-ground pipework to enable the connection, and a Pipeline Inspection Gauge (PIG) receiving facility for monitoring and maintenance.
- Temporary construction compounds.

PROJECT STAGE

Work is underway to engage with landowners potentially impacted by the Padeswood Carbon Dioxide Spur Pipeline Proposed Development.

A study of the pipeline route options has been carried out, with factors including environment, land use, planning, engineering and affected stakeholders taken into consideration to select a preferred route. An Environmental Impact

Assessment (EIA) will also be carried out to understand the likely effects that the proposals would have on the environment.

To gain consent to build the Spur Pipeline Proposed Development, Liverpool Bay CCS Limited, a member of the Eni SpA group (the Applicant) will prepare a planning application, which will be submitted under the Town and Country Planning Act 1990 (as amended) to Flintshire County Council in early 2025.

The Padeswood Carbon Dioxide Spur Pipeline Proposed Development is currently in its pre-planning application phase, where Liverpool Bay CCS is engaging with local stakeholders and compiling the information needed for the planning application. Ahead of the submission of the planning application a statutory pre-application consultation will be carried out, which will include:

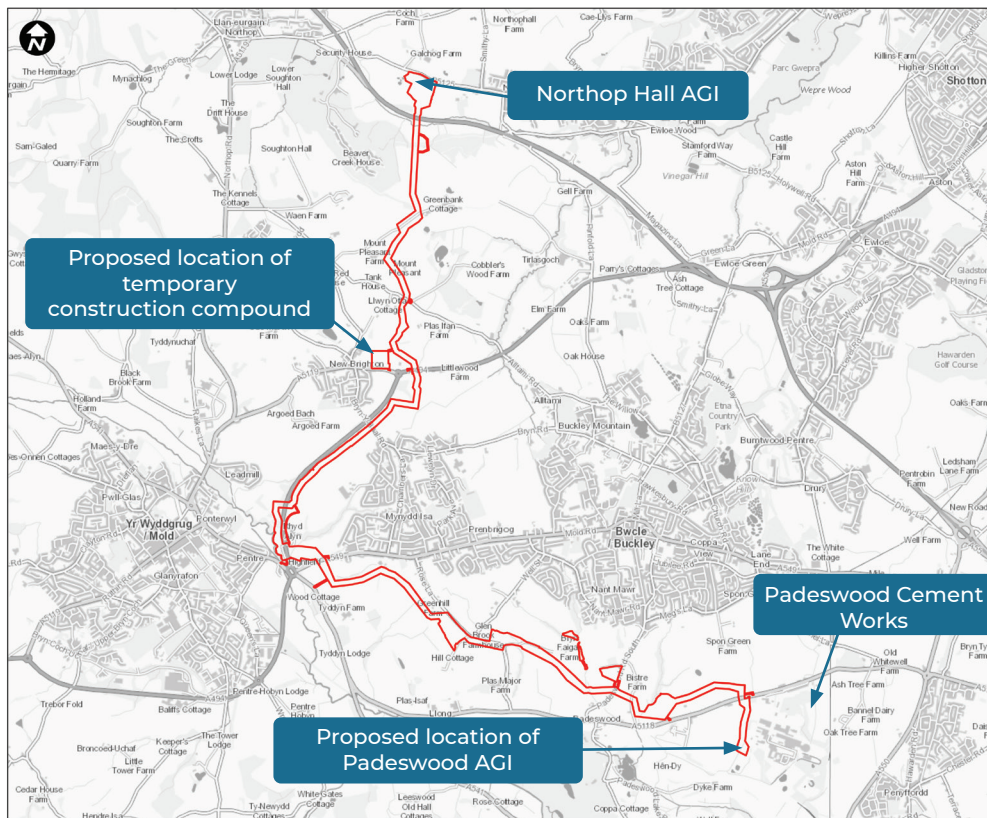
- Notifying the correct consultees of the consultation
- Making project plans and information available to view and comment on
- Providing a 28-day consultation period
- Reporting how the consultation was undertaken and how people's views were considered in a 'Pre-Application Consultation (PAC) Report' submitted as part of the application

PADESWOOD CCS PROJECT

Heidelberg Materials UK intends to construct an industry leading carbon capture facility at the Padeswood cement works in north Wales. This would be the first carbon capture enabled cement works in the UK, representing a ground-breaking project for the global cement industry.

The carbon dioxide would then be transported away by the Padeswood Spur Pipeline to Northop Hall AGI, eventually being stored in depleted gas fields in Liverpool Bay. Find out more information about the proposed CCS facility at www.padeswoodccs.co.uk

- ▶ The diagram shows a red line area within which the construction will take place. This area will be further refined to identify a preferred route as part of the ongoing design process.



PROPOSED TIMELINE



*Our programme is still being confirmed and may change. We will update our website and email our stakeholders if there is a change. To sign up to our mailing list, please email hello@hynethub.co.uk