# CARBON DIOXIDE TRANSPORTATION & STORAGE SYSTEM NEWSLETTER

liverpool bay ccs

Liverpool Bay CCS Limited (LBCCS) is leading the development of a carbon dioxide transportation and storage system to decarbonise the north west of England and north Wales. As part of one of the UK's leading industrial decarbonisation projects, we are unlocking a low carbon future by reducing carbon dioxide emissions from industry and supporting economic growth in the region.

**Welcome to our March edition of our bi-monthly newsletter**

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This month, we focus in on the safety standards that underpin Carbon Capture and Storage (CCS), with a particular focus on the Main Onshore Pipeline. We explain the policies, regulations and design principles that ensure safety throughout construction and operation.

We will also look at what's coming up in terms of construction for the Main Onshore Pipeline and Point of Ayr Terminal, including information on an upcoming temporary footpath closure near the terminal.

We look back at a recent community information event in Talacre and meet Jess Fearon, one of our Engagement Consultants for the Main Onshore Pipeline works.

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## Pipeline safety standards

Image of Point of Ayr terminal

With construction of the Main Onshore Pipeline underway, this is a good opportunity to revisit how safety measures have been built into the Pipeline's design and how it will be maintained during construction and operation.

**Built on experience**

LBCCS has extensive experience designing, constructing and operating high-pressure gas pipelines. This experience is being used to ensure the Pipeline is developed and operated to the highest safety standards in compliance with established industry standards and best practices to ensure risks are managed to be as low as reasonably practicable throughout its lifetime.

**Operating, Monitoring and maintenance**

Comprehensive pipeline operating and integrity management systems will be implemented, including regular monitoring, inspection and maintenance to ensure its safety. The Pipeline's safety systems include a leak detection system, ensuring it can be safely shutdown and managed in the event of any leakage.

**Regulation and safety**

The UK Government regulates all CCS projects, infrastructure and operations. The safety of the Pipeline will be regulated by the Health and Safety Executive (HSE) in accordance with well-established Regulations, Codes & Standards and Guidelines for pipeline design and operation.

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## What you might see coming up along the Main Onshore Pipeline


Image of Flannery dumper truck

United Infrastructure (UI), our Engineering, Procurement and Construction (EPC) contractor, has been progressing its works along the Main Onshore Pipeline route to ensure the project is delivered safely and in line with the agreed construction schedule.

With fencing erected, access routes prepared and temporary drainage systems installed, UI is set to progress onto the next phase of works shortly. These works are linear along the route.  They are weather dependent and subject to programme changes but will likely include:

**Topsoil stripping (between March and May 2026)**

This involves carefully removing and storing excavated topsoil along the Pipeline route. This helps to create a construction corridor and facilitate the easy movement of plant machinery.

**Pipeline stringing (between March and May 2026)**

Sections of the Pipeline will be delivered to the working area and set out in sequence (“stringing”) ready for bending, welding and installation.

**Trenching (between May and August 2026)**

Trenches along the Pipeline route will be excavated using specialised mechanical plant.

**Backfilling and reinstatement (between May and September 2026)**

UI will lower the welded and coated Pipeline into these trenches. Following this, they will then connect the Pipeline sections together and install the fibre-optic communication ducting. Once complete, the trenches will be backfilled and surrounding ground will be reinstated.

Future updates on what you can expect to see as part of the Pipeline’s construction programme will be uploaded onto the Latest News section on the homepage of the HyNet Hub in advance.

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**Connecting with the community at Point of Ayr**

**Image from the Point of Ayr community information event on 27 January 2026 at the Talacre Community Centre.**

As works get underway at Point of Ayr, the project team has been busy meeting with the local community to share information and answer questions.

In mid January, Llanasa Community Council attended a briefing at the Eni Field Study Centre, where the project team outlined the construction programme, work completed so far and the measures in place to protect the environment, manage safety and minimise disruption for residents.

Later in the month, residents in Talacre were invited to attend a drop-in session at Talacre Community Centre. Representatives from LBCCS, as well as the construction contractors Saipem and Boskalis, were on hand to answer questions about the upcoming works across Point of Ayr.

Two projects are preparing the PoA Terminal to transport and store CO2 in the depleted gas reservoirs beneath Liverpool Bay, with both commencing in February:

- PoA Cable Route Foreshore Works – laying a new combined electric and fibre optic cable to connect the onshore grid at the PoA Terminal to the New Douglas Offshore CCS Platform in Liverpool Bay.
- PoA Decommissioning and Site Preparation Works – decommissioning and repurposing the PoA Terminal to integrate it into the Liverpool Bay CO2 Transport and Storage infrastructure.

For the latest updates, visit the PoA pages on the HyNet Hub linked here: www.hynethub.co.uk/poa

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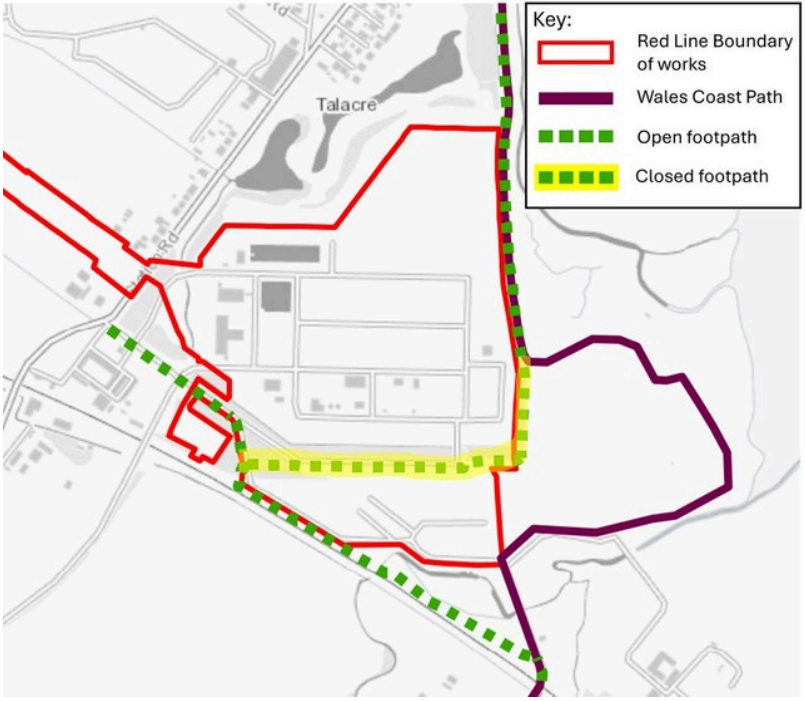
## Footpath update for walkers near the Point of Ayr Terminal




**Map of the footpaths around the Point of Ayr Terminal**

Flintshire County Council has approved the temporary closure of the public footpath that runs between the Point of Ayr Terminal site and the colliery. The closure will come into effect from 1 March 2026.

The footpath will be closed, and the colliery area fenced off, to allow works to be carried out safely and securely. These measures are being put in place to protect both the public and those working on site.

While the footpath is closed, an alternative route will remain available. This runs along the railway line and connects through to the coastal path, allowing continued access for walkers. Clear signage will be installed at the appropriate locations to direct people to the alternative route.

We thank the community for their understanding while these works take place.

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## Meet the team... Jess Fearon

**Image of Jess Fearon and her dog Frank**

In each issue of our newsletter, we introduce you to members of the team working on different aspects of the Liverpool Bay $CO_2$ Transport and Storage Project. This month, we're pleased to feature Jess Fearon, Construction Communications and Engagement Consultant for the Main Onshore Pipeline.

1. **Please tell us about your role on the Liverpool Bay CO2 Transport and Storage Project**

I am a Senior Engagement Consultant for WSP supporting LBCCS and UI with the construction communication and engagement for the Main Onshore Pipeline. As part of my role I oversee the engagement programme, managing the monthly Community Information Events, written communications and support the team with stakeholder briefings. I am also working with the social value team to build our offer to the community.

I have previously supported LBCCS through the pre-application engagement and consultation on the three Spur Pipelines; Protos, Runcorn and Padeswood. As part of this engagement, I organised an educational session for Year 11's at the Alun School in Mold, north Wales, focusing on Carbon Capture and Storage, careers and the importance of having a say about the changes that are happening in their local area.

2. **What does a typical day of working on the Liverpool Bay CO2 Transport and Storage Project look like for you?**

A typical day involves maintaining oversight of the construction programme and developing clear, timely communications to keep local communities informed. This includes coordinating with the project team to gather updates, preparing

communication materials, responding to enquiries via the HyNet Hub and planning ahead for upcoming community engagement activities.

3. **What are the most rewarding and challenging aspects of your role?**

The Liverpool Bay CO2 Transport and Storage Project is complex with a lot of highly technical information. One of the most challenging aspects of my role is translating this technical information into content that is accessible and understandable to a wider audience. This aspect of my role is also really rewarding as I can then help others understand the project in a way that makes sense to them.

4. **What are your hobbies and interests outside of work?**

Outside of work I love travelling to new places and going on countryside walks with my husband and our dog, Frank (usually followed by a pub lunch).

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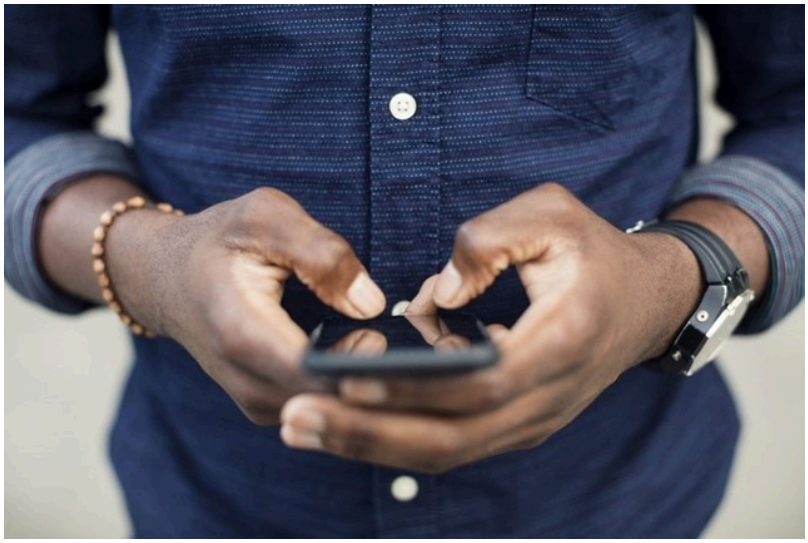
## Stay connected



If you have any comments, questions or would like us to feature a specific topic in our next newsletter, please get in touch by **emailing hello@hynethub.co.uk** or calling our project **phoneline 0113 395 4495**.

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