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 May 2026 edition of our bi-monthly newsletter

This month, we share a **construction update** on the tunnelling works that willenable the Main Onshore Pipeline to pass beneath **the M53**, as well as aimportant milestone reached in our **Point of Ayr** (PoA) works.

We also are introducing a '**jargon busting' feature** to help you understand whatconstruction is going on in your local area. This issue focuses on **Above Ground Installations** (AGIs) and **Block Valve Stations (BVSs).**

You can also read about United Infrastructure's (UI's) **pipeline walk challenge** in March, which raised funds for local community centres, and the recent visits ourteam made to Aberystwyth University and Sandycroft Primary School as part ofour ongoing social value commitments.

As part of our regular **meet-the-team** piece, we meet **Julia Frost**, our PoA Local Liaison Manager with Saipem, to understand more on her role on the project.

Pipeline installed beneath the M53

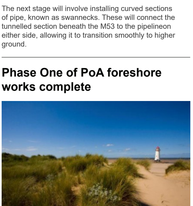


Image of the Tunnel Boring Machine (TBM) used beneath the M53 crossing

Construction of the Main Onshore Pipeline has reached a significant milestonewith the successful installation of the first section beneath the M53.The first stagein construction was completed before Christmas 2025 with the construction of thetunnel under the M53 using a tunnel boring machine (TBM). In March 2026, thepipe was lowered into the tunnel at the launch shaft and pushed through to thereception shaft on the opposite side of the roadway.

The next stage will involve installing curved sections of pipe, known as swannecks. These will connect the tunnelled section beneath the M53 to the pipelineon either side, allowing it to transition smoothly to higher ground.

Phase One of PoA foreshore works complete



Image of PoA Lighthouse

Phase One of the PoA Cable Route Foreshore Works has now been successfullycompleted.

This phase focused on constructing the Horizontal Directional Drilling (HDD)conduit from the entry pit at our Warren Farm compound to the exit pit on TalacreBeach. By using a trenchless HDD method of construction, we were able totunnel beneath the sand dunes, minimising disruption and environmental impact.The tunnel will contain a combined electrical and fibre-optic cable to connect thePoA Terminal and the New Douglas Offshore CCS Platform.

Following a short break, Phase Two of work is scheduled to begin in June 2026.This phase will start with preparing the beach for the cable pull by constructing acable route highway to allow for the cable to be pulled up the beach by a pullingwinch and fed through to the HDD exit pit. After this, a specialised cable layingvessel will carry out a simultaneous lay and burial of the cable towards the NewDouglas Offshore CCS Platform.

Once all work is complete, all equipment will be removed from the beach, leavingno visible infrastructure. Phase Two is expected to last until August 2026, subjectto project progress.

Thank you to the local community for your patience and understanding throughoutthe project so far. If you have any questions, or would like to know more about theproject you can visit our website at: hynethub.co.uk/poa or contact us via email at hello@hynethub.co.uk

Welcoming Aberystwyth University back to PoA



The LBCCS project team presenting to Aberystwyth University students

We were delighted to welcome Aberystwyth University's Earth Science studentsto PoA on Wednesday 25 March 2026, for an engaging session focused oncarbon capture and storage (CCS) in North Wales.

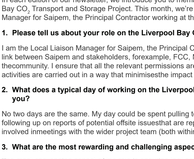
For more than a decade, PoA has been a key stop in the students' learningjourney, giving them insight into how their course is put into practice in the regionand giving them a chance to think about future careers. This year's visit continuedthat tradition with a session covering the range of disciplines working towardsrealising one of the UK's leading industrial decarbonisation projects.

Rob Pointon, LBCCS Operations Readiness Manager, and Kim Normsen, LBCCS&and Management Advisor, shared insights into the project and land managementresponsibilities at Talacre. They were joined by Julia Frost (from Saipem, who areproviding works at the PoA Terminal) and Guy Lister (from Boskalis, who areproviding works at the PoA foreshore), who provided updates on progress andexciting developments across the PoA Terminal and beyond.

The students' enthusiasm and thoughtful questions highlighted a strong interest inthe future of CCS and North Wales' role in its development.

Thank you to the team and Aberystwyth University for a fantastic day of learning,collaboration, and continued partnership with regional higher education.

Jargon busters: What are AGIs and BVSs?



Illustrative image of an AGI

As construction continues to progress, you may start to notice new featuresappearing along the route of the project. To help explain what these are and whythey are needed, we are launching a new jargon-busting feature in our bi-monthlynewsletter.

Our focus this newsletter is on AGIs and BVSs.

An **AGI** provides a transition point along a CO_2 pipeline where it connectsupstream emitters or other sections of the transportation system to the CO_2 pipeline. They play an important role in the safe and efficient operation of thepipeline and allow access for routine inspections and maintenance. Moreinformation about AGIs is available here.

A BVS isolates points along the Pipeline, allowing sections to be safely isolatedwhen required, such as during maintenance activity. This helps ensure thepipeline can be operated and maintained safely and efficiently. More informationabout BVS is available here.

Major Main Onshore Pipeline milestone reached

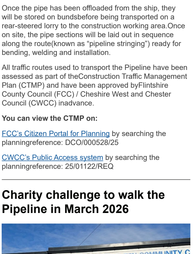


Image of a jacking ring being driven behind a Tunnel Boring Machine, used by UI in collaboration with Joseph Gallagher Limited

On Saturday 18 April, the first vessel carrying sections of the Main OnshorePipeline arrived in the UK via sea freight. Each section is 18-metres long (aboutthe length of a ten-pin bowling lane) and 36-inches in diameter.

Once the pipe has been offloaded from the ship, they will be stored on bundsbefore being transported on a rear-steered lorry to the construction working area.Once on site, the pipe sections will be laid out in sequence along the route(known as "pipeline stringing") ready for bending, welding and installation.

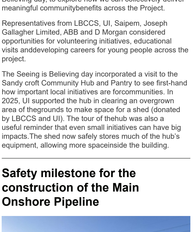
All traffic routes used to transport the Pipeline have been assessed as part of theConstruction Traffic Management Plan (CTMP) and have been approved byFlintshire County Council (FCC) / Cheshire West and Chester Council (CWCC) inadvance.

You can view the CTMP on:

FCC's Citizen Portal for Planning by searching the planningreference: DCO/000528/25

CWCC's Public Access system by searching the planningreference: 25/01122/REQ

Charity challenge to walk the Pipeline in March 2026



One of our teams taking on the challenge to walk the Main Onshore Pipeline route

Between 26-28 March 2026, members of our Main Onshore Pipeline constructioncontractor, UI, team took on the fundraising challenge to walk the route of theMain Onshore Pipeline.

Over three days, the team followed the route of the Main Onshore Pipeline,covering 42 miles between Elton in Cheshire and Talacre in North Wales.

The purpose of the challenge was to fundraise for two community centres (Eltonand Talacre), which mark the start and end points of the Pipeline, andraised £672 in total. Well done team!

Representatives of partner organisations during the Seeing is Believing day



Seeing is Believing day

In April 2026, representatives from partner organisations across the Liverpool BayCarbon Dioxide (CO_2) TransportStorage Project got together for our Seeing is Believing day, to explore how we can collectively deliver meaningful communitybenefits across the Project.

Representatives from LBCCS, UI, Saipem, Joseph Gallagher Limited, ABB and D Morgan considered opportunities for volunteering initiatives, educational visits anddeveloping careers for young people across the project.

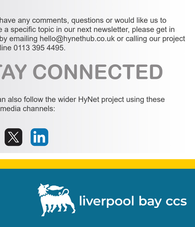
The Seeing is Believing day incorporated a visit to the Sandy croft Community Hub and Pantry to see first-hand how important local initiatives are forcommunities. In 2025, UI supported the hub in clearing an overgrown area of theground to make space for a shed (donated by LBCCS and UI). The tour of thehub was also a useful reminder that even small initiatives can have big impacts.The shed now safely stores much of the hub's equipment, allowing more spaceinside the building.

Safety milestone for the construction of the Main Onshore Pipeline



Onsite construction team safety moment

UI is now one year into the construction of the Main Onshore Pipeline. With,500,000 hours worked so far, significant progress has been made across theroute with construction team also marking one year without any injuries. This is asignificant achievement for the team and is a testament to the disciplinedapproach and unwavering commitment to health, safety, and wellbeing on site.



In each edition of our newsletter, we introduce you to members of the teamworking on different aspects of the Liverpool Bay CO_2 Transport and Storage Project. This month, we're pleased to feature Julia Frost, who is theLocal Liaison Manager for Saipem, the Principal Contractor working at thePoA Terminal.

1. Please tell us about your role on the Liverpool Bay CO_2 Transport andStorage Project

I am the Local Liaison Manager for Saipem, the Principal Contractor working atthe PoA Terminal. My role is the link between Saipem and stakeholders, forexample, FCC, Natural Resources Wales, Community Council and thecommunity. I ensure that all the relevant permissions are in place prior to workcommencing on site and that the activities are carried out in a way that minimisesthe impact on the community.

2. What does a typical day of working on the Liverpool Bay CO_2 Transportand Storage Project look like for you?

No two days are the same. My day could be spent pulling together information foraplications to the authorities or following up on reports of potential offsite issuesthat are reported to be related to our site activities. I could also be involved inmeetings with the wider project team (both within Saipem and with the client) orwith the relevant authorities.

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

The most challenging aspect of the role is ensuring that applications aresubmitted in line with our programme to ensure the relevant authorities havesufficient time to determine and issue the permits so that our schedule is notimpacted. Working with the Project Team to achieve this can also be the mostrewarding aspect.

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

Outside of work I like spending time with my family, cooking, travelling andwalking. My photo is me on a recent holiday to Kenya, making some animalfriends along the way!

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.

STAY CONNECTED

You can also follow the wider HyNet project using these social media channels: