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.

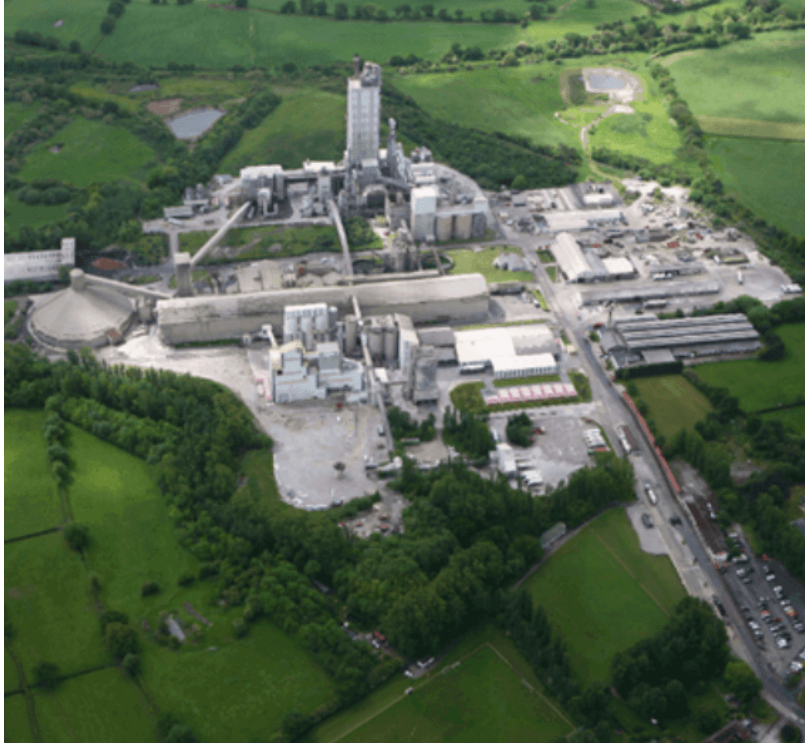
Welcome to our July 2025 newsletter

In this month's newsletter we give an update on the Padeswood and Runcorn Spur Pipeline Proposed Developments as both applications were submitted to their respective councils for consideration and decision.

Additionally, we share an update on the Main Onshore Pipeline as preparation for construction gets underway, and introduce Alistair Billington, Environmental Coordinator for the Liverpool Bay Transport and Storage Project.

To keep up to date with all the latest information, please visit the HyNet Hub.

The planning application for the Padeswood Spur Pipeline Proposed Development has been submitted



Heidelberg Materials cement works in Padeswood

The Padeswood Spur Pipeline Proposed Development will connect the new carbon capture plant at the Heidelberg Materials cement works in Padeswood to the HyNet Carbon Dioxide Pipeline at Northop Hall.

In June, we submitted the planning application for the Padeswood Spur Pipeline Proposed Development to Flintshire County Council (FCC). If you would like to view the plans, please go to FCC's Public Access Website and use the reference number **FUL/000526/25**.

We have considered the feedback received during the statutory Pre-Application Consultation (PAC), which was open between 26 March and 29 April 2025, and refined our proposals before submitting the application.

Planning officers will now consider the information submitted to them and make a recommendation to "Grant" or "Refuse" the application. The Planning Committee, made up of local councillors, will make the final decision. We expect a decision to be made in 2026, and should permission be granted, we plan to start construction in the same year.

If you would like to see more information about the Padeswood Spur Pipeline Proposed Development, please visit our webpage on the HyNet Hub. If you have any questions, please contact us at hello@hynethub.co.uk.

Another milestone reached for the Runcorn Spur Pipeline Proposed Development

View along the Manchester Ship Canal to Weston Point

The Runcorn Spur Pipeline Proposed Development will connect the proposed carbon capture plant at Viridor's Energy from Waste facility in Runcorn to the HyNet Carbon Dioxide Pipeline.

The Runcorn Spur Pipeline Proposed Development has reached its next milestone within the planning process as the planning applications were submitted to Cheshire West and Chester Council (CWCC) and Halton Borough Council (HBC) in July 2025.

This follows the period of non-statutory consultation, which took place between 13 March and 10 April 2025. The team took time to review all the feedback received before finalising the proposed plans and mitigation measures.

Planning officers at CWCC and HBC will now consider the plans before making a recommendation on whether to "Grant" or "Refuse" the application. The Planning Committee for CWCC and the Development Management Committee for HBC, made up of local councillors, will make the final decision.

We expect a decision to be made in 2026, and should permission be granted we plan to start construction in 2027.

Your feedback shapes next steps for Point of Ayr Cable Route Foreshore Works Proposed Development

Point of Ayr Gas Terminal

The statutory PAC for the proposed realignment of the Point of Ayr Cable Route Foreshore Works has concluded, running from 16 June to 14 July 2025. The consultation attracted responses from the public, as well as technical stakeholders and governmental organisations. Key issues were raised around Talacre Beach and cycle path access, wildlife and environmental impacts on Gronant Dunes, potential traffic and parking disruption, and community benefits.

We are considering the feedback we have received and preparing to submit the planning application to FCC in August 2025. Thank you to all who responded to the consultation.

The consultation activities, analysis of feedback and our response to the issues raised will be presented in the PAC Report submitted as part of the planning application. There will be an opportunity to comment on the final planning application directly to FCC, through its planning portal, once the application has been validated by the Council.

Eni Coastal Education Programme Inspires Over 500 North Wales Students at Talacre Beach

A cohort of students who took part in the Spring-Summer 2025 Eni Coastal Programme

Over 500 students from across North Wales took part in the Spring-Summer 2025 Eni Coastal Programme, enjoying a free, interactive day of learning at Talacre Beach.

Guided by Eni coastal rangers, the children explored the strandline, the dynamic dunes landscape, and the unique wildlife living in the Site of Special Scientific Interest. Many students experienced the beach for the first time, learning about coastal erosion, marine habitats and how to stay safe by the sea.

Linking the classroom with the outside environment, the children connected to their local environment while the sessions helped to educate future generations about the protections needed across the site. Reinforcing themes of sustainability, safety and Welsh coastal heritage, students left more informed and engaged in the local beach protection.

As the season draws to a close, we look forward to welcoming even more young explorers in the future.

Spades in the ground as construction of the HyNet Carbon Dioxide Pipeline starts this summer

HyNet CCS Cluster – Liverpool Bay CO_2 Transport and Storage Project

The HyNet Carbon Dioxide Pipeline (known as the Main Onshore Pipeline) forms the backbone of the three Spur Pipeline Proposed Developments as the transport pipeline connecting the captured CO_2 to the depleted gas reservoirs under Liverpool Bay.

The Main Onshore Pipeline was granted a Development Consent Order (DCO) in March 2024. The DCO provides powers for the construction, operation and maintenance of infrastructure to transport captured CO_2 as part of the HyNet Carbon Capture and Storage (CCS) cluster.

The construction of the Main Onshore Pipeline is due to start in late summer 2025, and the HyNet Hub will shortly include more information about the construction.

An indicative timeline for construction works is:

- Summer to Winter 2025 – Enabling works along the pipeline route, such as surveys and site preparation works. Some of the trenchless crossing points will also commence in 2025.
- Through 2026 – Construction of the remaining sections of pipeline – connecting Stanlow Above Ground Installation (AGI) to Flint AGI.
- Late 2026 to summer 2027 – Construction of the pipeline sections from the Ince AGI to Stanlow AGI.

Meet the team... Alistair Billington

Alistair Billington, Environmental Coordinator

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

I am an Environmental Coordinator in the LBCCS Health and Safety Engineering (HSE) Team. I am one of the representatives managing the delivery of all offshore environmental permits and consents, including those required for the Protos, Runcorn, and Padeswood Spur Pipeline Proposed Developments. This involves providing leadership and support to technical and design specialists for drawing up appropriate programmes of activities. On an ongoing basis, I carry out gap analysis to identify data and resource constraints, recognising where specialist input is needed and seeking such input as required from within our supply chain.

As we move towards the construction of the Main Onshore Pipeline, I am supporting the implementation of the Offshore, and Onshore Licences and Consents (including Marine Licence, Storage Permits, DCO, Town and Country Planning Act) for the Liverpool Bay Transport and Storage (T&S) Project. I am supporting the construction teams to deliver the requirements of the relevant permits, with particular emphasis on the overlap and interface between the Offshore, and Onshore elements. This includes engaging with and advising the relevant Engineering, Procurement and Construction (EPC) Contractors regarding their permit obligations and overseeing the details before they are submitted to the regulatory authorities.

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

No two days are the same. The marine and terrestrial environments have very different challenges, and as a Geographical Scientist, I love the variety those differences bring.

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

Delivering a project of this scale brings many challenges not previously encountered, and it is very satisfying to learn new things to resolve them. Every day comes with its challenges, but that also brings many rewards.

4. What inspired you to pursue the career you have today?

I have always had a fascination with the natural environment and the way that all the different systems interact to make the world work. This interest led me to study the natural environment at university to Masters Degree level. This led me into this field of work where I deal with the technical environmental issues on large development projects, such as this one.

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

Outside of work I enjoy playing hockey for my local club, in the same team as my son

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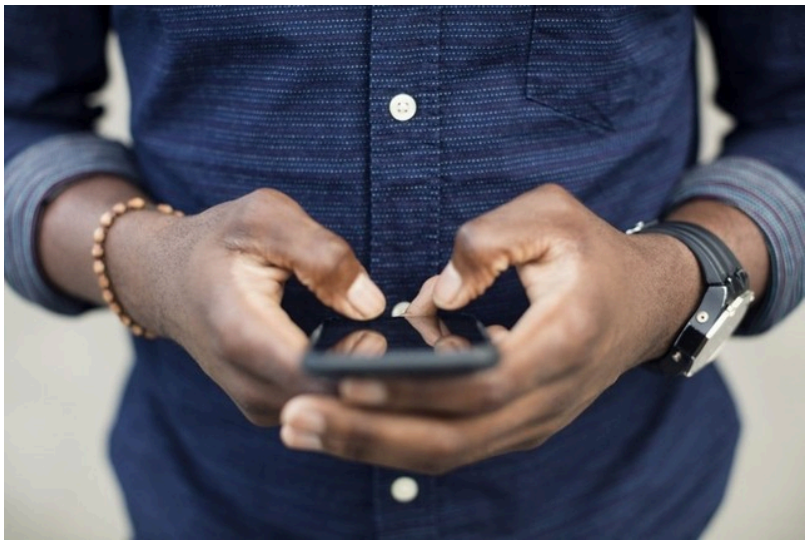
Stay connected



If you have any comments or questions about the Liverpool Bay Carbon Dioxide Transport and Storage Project or would like us to feature a specific topic in our next newsletter, please get in touch by emailing hello@hynethub.co.uk.

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

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