

Marine Licence Transboundary Screening Assessment
Regulation 18 of the Marine Works (Environmental Impact Assessment)
Regulations 2007 as amended.

Title of Project:	HYNET CARBON DIOXIDE TRANSPORTATION AND STORAGE PROJECT - OFFSHORE
Marine Licence Reference Number:	CML2365
Documents Utilised to Undertake Assessment	• CML2365 - Douglas platform installation method statement - 105600BNMI85023_CDFE01_62.pdf • CML2365 - LBA CCS Ltd-ES Details FINAL.pdf • CML2365 - LBA CCS Ltd-OFFSHORE-EIA-Summary of Project-FINAL.pdf • CML2365 - Proposed Development and Designated Sites.pdf • CML2365 - Proposed Development and existing O&G licence blocks.pdf • CML2365 - Proposed Development and Protected Subtidal Sites.pdf • CML2365 - Proposed Development Location Map.pdf • CML2365 - Proposed Development nearshore approaches.pdf • CML2365 LBA CCS Ltd-ML Application-Attachment -6(c) Supporting documentation.FIN.pdf • CML2365-LBA CCS Ltd_ES_Appendix A_SR_NRW_FINAL.pdf • CML2365-LBA CCS Ltd_ES_Appendix B_SO_NRW_FINAL.pdf • CML2365-LBA CCS Ltd_ES_Appendix C1_AQ_NRW_FINAL.pdf • CML2365-LBA CCS Ltd_ES_Appendix C2-AR_NRW_FINAL.pdf • CML2365-LBA CCS Ltd_ES_Appendix C3-SLVIA_NRW_FINAL.pdf • CML2365-LBA CCS Ltd_ES_Appendix D_MPC_NRW_FINAL.pdf • CML2365-LBA CCS Ltd_ES_Appendix E_EM&MC_NRW_FINAL.pdf • CML2365-LBA CCS Ltd_ES_Appendix F_CEA_NRW_FINAL.pdf • CML2365-LBA CCS Ltd_ES_Appendix G_TIS_NRW_FINAL.pdf • CML2365-LBA CCS Ltd_ES_Appendix H_PP TR_NRW_FINAL.pdf • CML2365-LBA CCS Ltd_ES_Appendix I_MBTR_NRW_FINAL.pdf • CML2365-LBA CCS Ltd_ES_Appendix I1_MB ST_NRW_FINAL.pdf • CML2365-LBA CCS Ltd_ES_Appendix I2_MB IT_NRW_FINAL.pdf

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	• CML2365 MC000025_TN_RIAA_MBTN04_Rev02 Further Information • CML2365 EHE7228B_LB_HYNET_ES_CH09_SN_FINAL_For Submission_Rev01 Further Informat • CML2365 HyNet Offshore consultation by PoM 14 May 2024 - Eni Response DRAFT v2.0 • CML2365 WAE02282_TN_Physical_Processes_Rev01a Further Information • CML2365 HyNet Project-wide Environmental Effects Report Further Information
Provision of information to other EEA (European Economic Area) states if requested.	
Screening For Potential Impacts on Other EEA States	
Characteristics of the Project	<u>Description of development:</u> The HyNet Carbon Dioxide (CO₂) Transportation and Storage Project - Offshore (hereafter the “Proposed Development”) is being developed in parallel with, and as a key part of, the HyNet Northwest full-chain hydrogen and Carbon Capture and Storage (CCS) industrial decarbonisation project (the HyNet Project). The HyNet Project involves the repurposing of the existing offshore natural gas import pipeline from Point of Ayr (PoA) Gas Terminal to the Douglas Complex in the Liverpool Bay to become a CO₂ export, transport and storage complex. CO₂ will be transported along re-purposed natural gas pipelines to the Hamilton Main platform for injection into the Hamilton Main reservoir, to the Hamilton North platform for injection into the Hamilton North reservoir, and to the Lennox platform for injection into the Lennox reservoir. The Project will also require new electrical and fibre optic (FO) transmission infrastructure. The Project is located entirely within the 12 nm limit of both Welsh and English territorial waters and will include: • the installation of a new Douglas CCS platform*: to replace the existing Douglas Process platform to receive CO₂ from the onshore PoA Terminal and distribute CO₂ to the Hamilton Main, Hamilton North, and Lennox wellhead platforms and when necessary, provide heating. Installation of the new Douglas CCS platform will include up to eight driven piles; • the installation of new topsides on the Hamilton Main, Hamilton North, and Lennox wellhead platforms to receive and inject CO₂ into the depleted hydrocarbon reservoirs; • repurposing of the existing subsea natural gas pipelines* for their change of use from hydrocarbon to CO₂ service; • installation of new sections of pipeline to connect the new Douglas CCS platform* to the existing subsea natural gas pipelines; • the development of the Hamilton Main, Hamilton North, and Lennox reservoirs for CO₂ storage through up to eight injection wells created by side tracking of existing production wells. This

	includes drilling and recompletion operations, all of which will be within the existing footprint (template) of each platform; • implementation of a programme of Monitoring, Measurement and Verification (MMV) activities which includes seismic and geophysical survey activities*; • installation, including trenching, and some dredging, of two submarine 33 kV armoured cables, with integrated FO cable connections (35 km from PoA Terminal onshore to the new Douglas CCS platform*, including within the intertidal/foreshore area up to MHWS, within Welsh waters only); • installation, including trenching, of new power cables with integrated FO connecting the new Douglas CCS platform* with the Hamilton Main (12 km; 33 kV), Hamilton North (15 km; 33 kV) and Lennox (35 km; 33 kV) platforms; and • installation of concrete mattresses and external cable protection*, at crossings of existing cables, and in areas where cable burial is not deemed feasible, or as a remedial secondary protection measure if the target cable depth of lowering cannot be achieved. The activities marked with a * will require a Marine Licence in Welsh Waters. The distance to the international median line between Welsh and Irish waters is approximately 60 nm (approx. 111km) to the west. <u>Cumulation with other projects:</u> A series of projects were identified by the Cumulative Effects Assessment – Screening of the project (table 1.3.2 of CML2365-LBA CCS Ltd_ES_Appendix F_CEA_NRW_FINAL), and further identified in the Transboundary Impact Screening (CML2365-LBA CCS Ltd_ES_Appendix G_TIS_NRW_FINAL) concluded that there is a potential for transboundary impacts in relation to Climate change; Fish and shellfish ecology; Marine mammals; Offshore ornithology; Shipping and navigation; and Commercial fisheries. All of which have been further considered in their relevant ES chapters. <u>Use of natural resources:</u> No detail of resource from any other EEA state, and no significant importation of material from another EEA state is predicted. <u>The production of waste:</u> The project is entirely within the UK and is 60nm from the border. No waste disposal has been proposed to another EEA state. <u>Pollution and nuisances:</u> The project is entirely within the UK and is 60nm from the border. No waste disposal has been proposed to another EEA state <u>Risk of accidents:</u> The project is entirely within the UK and is 60nm from the border. Pollution prevention measures will be in place and listed in the Environment Management Plan “CML2365-LBA CCS Ltd_OFFSHORE ES_Appendix R EMP_NRW_FINAL.pdf”. No risk of
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	accidents are expected that may affect any other EEA state as a result of the project.
Location of Project	<u>Location of project and Existing Land use:</u> The project is located in the Irish Sea, extending from Point of Ayr Gas Terminal in Flintshire to the Douglas Complex in the Liverpool Bay. <u>Sites in another EEA considered in the assessment are in bold below:</u> • <i>Dee Estuary SAC</i> • <i>River Dee and Bala Lake SAC</i> • <i>Afon Gwyrfai a Llyn Cwellyn SAC</i> • <i>Afon Eden – Cors Goch Trawsfynydd SAC</i> • <i>River Teifi SAC</i> • <i>Cardigan Bay SAC (fish features only)</i> • <i>North Anglesey Marine SAC</i> • <i>North Channel SAC</i> • <i>Lleyn Peninsula and the Sarnau SAC</i> • <i>West Wales Marine SAC</i> • <i>Strangford Lough SAC</i> • <i>Murlough SAC</i> • <i>Cardigan Bay SAC (marine mammal features only)</i> • <i>The Maidens SAC</i> • <i>Pembrokeshire Marine SAC</i> • <i>Bristol Channel Approaches SAC</i> • <i>Lundy SAC</i> • <i>Rockabill to Dalkey Island SAC</i> • <i>Saltee Islands SAC</i> • <i>Roaringwater Bay and Islands SAC</i> • <i>Dee Estuary SPA</i> • <i>Ribble and Alt Estuaries SPA</i> • <i>Anglesey Terns SPA</i> • <i>Morecambe Bay and Duddon Estuary SPA</i> • <i>Ailsa Craig SPA</i> • <i>Skomer, Skokholm and the Seas off Pembrokeshire SPA</i> • <i>Grassholm SPA</i> • <i>Saltee Islands SPA</i> A Habitats Regulations Assessment has been conducted and appropriate assessment undertaken concluding that the Project will not adversely affect the integrity of any Natura 2000/Ramsar site, taking into account the conditions included in the marine licence, either alone or in-combination with other plans and projects. Therefore, the development is not predicted to have an effect on any European Protected Site in any other EEA state.
Identification and Characteristics of the Potential Impacts to other EEA States	To further assess the potential for a likely significant effect on another EEA state the development has been assessed by the topic headings included within the ES.

Non-Technical Summary	
Volume 1 – Introductory Chapters	
1	Introduction
2	Policy and Legislative Context
3	Proposed Development Description
4	Site Selection and Consideration of Alternatives
5	Environmental Impact Assessment Methodology
Volume 2 – Offshore ES Main Report	
6	Physical Processes
7	Marine Biodiversity
8	Ornithology
9	Shipping and Navigation
10	Commercial Fisheries
11	Marine Archaeology
12	Infrastructure and Other Sea Users
13	Climate Change
14	Inter-Related Effects
Volume 3 – Appendices and Technical reports	
Appendix A	Scoping Report
Appendix B	Scoping Opinion
Appendix C	Topics scoped out of assessment
Appendix C1	Air Quality Technical Report
Appendix C2	Aviation and Radar Technical Report
Appendix C3	Seascape, Landscape and Visual Impact Assessment Technical Report
Appendix D	Marine Plan policies
Appendix E	Enhancement, Mitigation and Monitoring Commitments
Appendix F	Cumulative Effects Appendix
Appendix G	Transboundary Impacts Screening
Appendix H	Physical Processes Technical Report
Appendix I	Marine Biodiversity Technical Reports
Appendix I1	Marine Biodiversity Subtidal Survey Report
Appendix I2	Marine Biodiversity Intertidal Survey Report
Appendix J	Underwater Noise Technical Report
Appendix K	Ornithology Technical Reports
Appendix K1	Offshore Ornithology Baseline Technical Report
Appendix K2	Offshore Ornithology Displacement Technical Report
Appendix K3	Intertidal Ornithology Technical Report
Appendix K4	Little Tern Foraging Distribution Technical Report
Appendix L	Navigational Risk Assessment (NRA) Report
Appendix M	Commercial Fisheries Technical Report
Appendix N	Marine Archaeology Technical Report
Appendix O	Greenhouse Gas Assessment
Appendix P	Report to Inform Appropriate Assessment (RIAA)
Appendix Q	Water Framework Directive (WFD) Report
Volume 4 – Outline Management Plans	
Appendix R	Environmental Management Plan (EMP)
Appendix S	Marine Mammal Mitigation Protocol (MMMP)
Appendix T	Invasive Non-Native Species (INNS) Plan
Appendix U	Written Scheme of Investigation (WSI) and Protocol for Archaeological Discoveries (PAD)

The proposal has assessed impacts to mobile species including marine mammals, fish and birds:

- **Climate Change** “CML2365-LBA CCS *ltd_ES_CH13_CC_NRW_FINAL.pdf*” indicates that the cumulative impacts assessed associated with the construction, operation and decommissioning of the Proposed Development alongside those associated with the wider CCS project reported within the HyNet CO₂ Pipeline TCPA and DCO applications result in an overall **beneficial net effect** arising from the Proposed Development by sequestration of CO₂ and overall no potential transboundary impacts have been identified.
- **Fish and shellfish, and commercial Fisheries:** “CML2365-LBA CCS *ltd_ES_CH10_CF_NRW_FINAL.pdf*” and “CML2365-LBA CCS *ltd_ES_CH7_MB_NRW_FINAL.pdf*”. The assessment concluded that the effects on biological resources are not expected to extend into the EEZs of the Isle of Man or the Republic of Ireland which are 60nm away. Some marine fish can travel large distances, therefore although transboundary

	impacts are possible these are expected to be of negligible adverse significance and not significant in EIA terms. • <u>Marine mammals:</u> “CML2365-LBA CCS Ltd_ES_CH7_MB_NRW_FINAL.pdf”. The assessment acknowledged that some marine mammals and marine turtles can travel large distances and there is the potential for transboundary impacts associated with the Proposed Development. However, the effects on biological resources are not expected to extend into the EEZs of the Republic of Ireland which are 60nm away; therefore, although transboundary impacts are possible these are expected to be of negligible adverse significance and not significant in EIA terms. • <u>Offshore ornithology:</u> “CML2365-LBA CCS Ltd_ES_CH8_OO_NRW_FINAL.pdf “. The assessment concluded that there are no potential significant effects with regard to offshore and intertidal ornithology from the HyNet North-West Project upon the interests of other states. • <u>Shipping and navigation:</u> “CML2365-LBA CCS Ltd_ES_CH9_SN_NRW_FINAL.pdf “. International shipping has been included in the baseline assessment, there is no potential for transboundary impacts upon shipping and navigation receptors due to the Proposed Development. The assessment concludes that subject to mitigation no significant impact is predicted . This has been further considered in the HRA and in the Project Wide Impacts Assessment “CML2365 HyNet Project-wide Environmental Effects Report Further Information.pdf”
Conclusion of Transboundary Screening	Upon the basis of the information provided, NRW as Appropriate Authority does not consider any other EEA state to be affected by the application under Regulation 18(1) No Transboundary Consultation is necessary
Signed (Permitting Officer)	Maria Alvarez
Dated:	19 May 2025
Signed (Senior Team Leader)	Emmer Litt
Dated:	21 May 2025