



APPLICATION FOR A MARINE LICENCE FOR MARINE WORKS

Marine Works include, but are not limited to, coast defences, beneficial uses of dredged materials, subsea cables, pontoons, jetties, land reclamation, grab samples and outfall pipes under the Marine and Coastal Access Act 2009

Please read the notes carefully before completing the form.

- The Marine Licensing Team (MLT) administers Part 4 of the Marine and Coastal Access Act 2009 on behalf of the Licensing Authority, the Welsh Ministers.
- The completed application form must be accompanied by a location plan and, where appropriate, descriptive drawing(s) and any supporting environmental assessments. One completed hard copy of the application and supporting documents will always be required. Additional copies are required for consultation purposes.
 - For application and supporting documents less than 10MB we can accept an additional copy via email.
 - For applications larger than 10MB **16** additional copies in CD/DVD format will be required
 - When applications and supporting documents are hard copy only **16** copies will be required.
- Please submit applications to the **Permit Receipt Centre** via the details at the top of this form
- Please submit marine licence applications, including this form and all supporting documents, **at least 4 months before the licence is required.**

Some projects may raise matters that require a significantly longer time for consideration. These are most likely to be:

- Projects that fall **within** The Marine Works (Environmental Impact Assessment) Regulations 2007 – as amended requiring an Environmental Statement
- Large scale projects with substantial volumes of material being deposited or excavated
- Works requiring an Appropriate Assessment to be conducted under The Conservation of Habitats and Species Regulations 2017.
- Information should be provided about the anticipated **duration of the entire project** in respect of works below/seaward of Mean High Water Spring (MHWS). Where appropriate, planned phasing of the work for which consent is sought must be detailed. For projects lasting more than one calendar year, planned phasing details must be given for each 12 month period.

A licence fee is payable in respect of an application. Details of fees can be found on our web pages.

Please note applications will not be processed without the correct relevant fee or invoicing details.

- Payments can be made via Cheque, BACS or credit/debit card.
 - Cheques should be crossed and made payable to **Natural Resources Wales.**
 - For BACS payments ensure you provide the reference number (not remittance number)

- For credit/debit card payments please complete the CC1 form and submit with the application. The CC1 form can be found on our web pages

Further information on payment methods can be found on our web pages

- **All activities need to comply with the Water Framework Directive (WFD). The framework and guidance can be found on the Natural Resources Wales website, <http://naturalresources.wales>. The results of your WFD assessment must be attached to your marine licence application.**
- Please answer all questions. If any information is not available at the time of application please indicate in the relevant section, giving reasoning in a covering letter. Outstanding details must be submitted as soon as possible. Any delay in forwarding details is likely to result in delays in determining your application.

Your application may not be considered complete and therefore not processed until key information has been submitted. Your application may be returned if you fail to submit outstanding information within given timescales.

- Please note any licence may have conditions that must be discharged before works can commence. This will take additional time.
- If you have any queries with regards to completing this application please contact the MLT: marinelicensing@naturalresourceswales.gov.uk

How your application will be processed by the MLT:

- Submit all application to the **Permit Receipt Centre** via the details at the top of this form.
- Checked and acknowledged by the MLT within 21 days of receipt of application and payment
- If the application is complete and no further information is needed at this time, your application will be placed in a work queue to be assigned a permitting officer
- If the application is not complete, further information will be request and need to be provided before the application can be considered as complete
- Our **4 months** service level for determining non-EIA applications will begin from the date the **completed** application is received (*Please note some projects may take significantly longer than 4 months to determine due to their nature*)
- EIA projects may take significantly longer due to their scale and complexity. Therefore we encourage early engagement with the MLT
- Your application and supporting documents will be sent to for an initial consultation period of 28 days (*42 days for EIA projects*)
- For the majority of projects, a public notice must be advertised. Public consultation will be 28 days (*49 days for EIA projects*).
For EIA projects a second public notice will be required. The MLT will advise on how this should be done.
- Responses to consultation will be considered and additional information requested at this time, if necessary.

- A decision on your Marine Licence Application will be made

All information submitted may be referred to within a licence, therefore all works must be in accordance with this information, unless otherwise agreed with NRW acting on behalf of the Licensing Authority during the determination process.

It is the responsibility of the applicant to obtain any other consents/authorisations that may be required.

Application Form Structure

1. Project Description and Cost
2. Applicant Details
3. Details of Agent, Contractor, Vehicles and/or Vessels used to carry out works
4. Environmental Impact Assessment (EIA)
5. Licensable Period
6. Project Description
7. Methods Statement
8. Materials of Project
9. Beach Replenishment, Land Reclamation or Salt Marsh Feeding
10. Temporary Works
11. Dredge and Disposal of Dredge Material
12. Protected Sites
13. Other Consents
14. Statutory Powers
15. Public Register
16. Application Fee
17. Declaration

Check List

Please ensure that you have included all the necessary information before you submit your application. **If any of the below are not completed in the application form, the application is likely to be considered incomplete and may be returned to you**

Item	Yes (✓)
The applicant is a legal entity?	✓
The declaration is signed by the applicant?	✓
Is the application fee correct?	✓
Are the grid references/coordinates correct?	✓
Do the coordinates match map locations?	✓
Have all the relevant supporting documents been submitted?	✓
Has a clear methodology been provided in the application form?	✓
Has Protected sites information been included?	✓
Has a Water Framework Directive (WFD) assessment been submitted?	✓
Are all the continuation sheets for application questions appended with correct corresponding numbers?	✓

Should you have any queries regarding your application please contact the MLT via marinelicensing@naturalresourceswales.gov.uk

1. Project Description and Cost

1 (a). Project Name

HYNET CARBON DIOXIDE TRANSPORTATION AND STORAGE PROJECT - OFFSHORE

1(b). Please provide a brief description of the proposed project, including location

The HyNet Carbon Dioxide 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 is designed to transform a region of the UK into the world's first low carbon industrial cluster by 2030.

The Proposed Development will repurpose the existing Eni offshore assets in Liverpool Bay, which will include the natural gas import pipeline from the Douglas platform to Point of Ayr (PoA) Gas Terminal to become an export pipeline to transport CO₂ to a newly constructed Douglas CCS platform. From the new Douglas CCS platform, CO₂ will be transported along the 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 Proposed Development will also require new electrical and fibre optic transmission infrastructure seawards of Mean High Water Spring (MHWS), connecting the PoA Terminal to the offshore infrastructure.

The following Marine Licensable activities will be required in Welsh Waters:

- Installation of a new Douglas CCS platform jacket and topsides to replace the existing Douglas Process platform. This CCS platform will receive CO₂ from the onshore PoA Terminal and distribute to Hamilton Main, Hamilton North, and Lennox wellhead platforms. Installation of the new Douglas CCS platform jacket will include up to eight driven piles;
- repurposing of existing subsea natural gas pipelines for their change of use to transport CO₂;
- installation of new sections of pipeline spools to connect the new Douglas CCS platform to the existing subsea natural gas pipelines, which includes some installation of concrete mattresses and external rock protection;
- implementation of a programme of Monitoring, Measurement and Verification activities, which includes seismic and geophysical survey activities;
- laying, burial, and some sidecast dredging, of two submarine 33kV armoured cables, with integrated fibre-optic 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);
- laying, and burial, of new power cables with integrated fibre-optic cable connections, one each from the new Douglas CCS platform connecting with the Hamilton Main, Hamilton North and Lennox platforms; and
- installation of concrete mattresses and external rock protection at cable crossing points.

Additional details are provided in the Environmental Statement, and application supporting documents listed in **Attachment 6(C)**, included with this Marine Licence application.

1(c). Please provide an estimated gross cost of the project (Inc. materials and labour) for works that fall below/seaward of Mean High Water Springs (MHWS)

The overall project cost is ~£250 million. The Proposed Development is therefore classified as a Band 3 project under NRW's Marine Licensing bands, defined as having a complex application process that has estimated costs pertaining to marine works exceeding £1 million.

2. Applicant Details

To whom the licence will be issued. *This must be a legal entity such as an individual, registered company/ charity or public body.*

Title	Mr	Full Name	Martin Currie
Company or Trading Name	Liverpool Bay CCS Limited		
Company Registration Number (if applicable)	131 940 18		
Name of Contact or individual (if different)			
Position in Company	Managing Director		
Address inc. postcode (provide registered Company address if applicable)	Eni House 10 Ebury Bridge Road London SW1W 8PZ		
Telephone Number	02073446000		
Email Address	alistair.billington@external.eni.com		

3. Details of Agent, Contractor, Vehicles and/or Vessels used to carry out works

3(a). Agent Details

This is who we will correspond with unless otherwise informed. If no agent we will contact the applicant.

Title	Mr	Full Name	Alistair Billington
Company or Trading Name	Eni UK		
Company Registration Number (if applicable)			
Name of Contact or individual (if different)			
Position in Company	Environmental Advisor		
Address (Inc. postcode)	Eni House 10 Ebury Bridge Road London SW1W 8PZ		

Telephone Number

07554 008 227

Email Address

alistair.billington@external.eni.com

3(b). Does the Applicant wish to be included in all correspondence? Yes ☒ No ☐

3(c). Contractor Details

In order for contractors to benefit from the licence permission, details must be provided.
Any details not provided with application must be confirmed before operations commence.

Contractor Company or Trading Name	Address
The Construction Contractor tender evaluation process is still in progress, and a Construction Contractor for the works has not yet been selected.	The name and contact details of the Construction Contractor for the works will be shared with NRW-MLT at least three months prior to works commencing.

3(d). Will the works require the use of vessels? Yes ☒ No ☐

3(d) (i). Vessel Details (if applicable and available)

In order for contractors to benefit from the licence permission, details must be provided.
Any details not provided with application must be confirmed before operations commence.

Operator	Name of Vessel	Type of Vessel	Vessel Registration Number	Country of Registration
TBC	TBC	1x Cable Laying Vessel (CLV)	TBC	TBC
TBC	TBC	2 x RIB work boats	TBC	TBC
TBC	TBC	1 x Multicat as support for spread, anchor handling, and contingency operations	TBC	TBC
TBC	Seaway Strashov (potential)	Heavy Lift Vessel (HLV) DP III & 8-point anchor system	TBC	TBC
TBC	Les Alizes (potential)	HLV DP II	TBC	TBC
TBC	Aegir (potential)	HLV DP III	TBC	TBC
TBC	Asian Hercules III (potential)	Moored	TBC	TBC
Saipem (potential)	Castro XI (potential)	HTV Cargo Barge	TBC	TBC
NPCC (potential)	LB I (potential)	HTV Cargo Barge	TBC	TBC
Heerema (potential)	H405, H406, or H407 (potential)	HTV Cargo Barge	TBC	TBC
TBC	TBC	Crew boat	TBC	TBC
TBC	TBC	DSV/survey vessel	TBC	TBC
TBC	TBC	Platform Support Vessel (PSV)	TBC	TBC
TBC	TBC	Tug	TBC	TBC

Operator	Name of Vessel	Type of Vessel	Vessel Registration Number	Country of Registration
TBC	TBC	Jack up vessel	TBC	TBC
TBC	TBC	Cable protection installation vessel	TBC	TBC
TBC	TBC	Cable burial installation vessel	TBC	TBC

3(e). Will the works require the use of vehicle?

Yes ☒ No ☐

3(e) (i). Vehicle Details (if applicable and available) to be used below MHWS

In order for contractors to benefit from the licence permission, details must be provided.

Any details not provided with application must be confirmed before operations commence.

Operator	Type/Description of Vehicle
TBC	3 x Excavator 30MT (for cable shore pull)
TBC	Mobile crane 50MT (for cable shore pull)
TBC	1 x Low bed trailer (for cable shore pull)
TBC	1 x flat bed trailer (for cable shore pull)

3(f). If the contractor or vessels or vehicles are not known at the application stage, when do you expect to provide these details?

These details will need to be confirmed prior to the licence and operations commencement

The Construction Contractor tender evaluation process is still in progress, and a Construction Contractor for the works has not yet been selected. The vessels and vehicles identified in response to Questions 3d(i) and 3e(i) are indicative from the feasibility design work and bids received from potential contractors.

The name and contact details of the Construction Contractor for the works will be shared with NRW-MLT at least three months prior to works commencing.

4. Environmental Impact Assessment (EIA)

Certain projects, due to their scale, location and/or nature, may require an EIA under the Environmental Impact Assessment Directive (Directive 85/337/EEC – as amended). If a project qualifies under EIA, an Environmental Statement (ES) must be prepared and submitted with the application.

Projects that fall within Annex I of the Directive automatically require an EIA. Projects that fall within Annex II of the Directive are assessed on a case-by-case basis for the requirement for an EIA to be undertaken.

4(a). Do you consider the works to be under the Environmental Impact Assessment Directive (Directive 85/337/EEC – as amended)?

Yes ☒ No ☐

4(a) (i) If Yes, which Annex does the proposal fall under? **Annex I** ☒ Annex II ☐

4(a) (ii) Which number(s) within the Annex does the proposal relate to?

Directive 2011/92/EU (as amended) by Directive 2014/52/EU
Number 22. *Storage sites pursuant to Directive 2009/31/EC of the European Parliament and of the Council of 23 April 2009 on the geological storage of carbon dioxide.*

4(b). Have you applied for a screening or scoping opinion from the MLT under the Marine Works (Environmental Impact Assessment) Regulations 2007 (as amended)? Yes ☐ **No** ☒

4(b) (i). If Yes, please provide the reference number

Not applicable to this application

4(c). Has an Environmental Impact Assessment been undertaken? **Yes** ☒ No ☐

4(c)(i). If Yes, has an Environmental Statement been submitted to support this Marine Licence application? **Yes** ☒ No ☐

4(d). If an Environmental Impact Assessment has been undertaken, but an ES has not been submitted, please provide an explanation

Not applicable to this application

Please continue on a separate sheet if necessary. Please tick if you have done this ☒

5. Licensable Period

Determination of applications will be based on the works taking place during these dates. Please ensure you have included an adequate contingency period. If works are not completed by the Requested Licence Expiry Date you may be required to submit a new application. *Including a contingency period within your original application does not impact on Licence Fee*

Start Date June 2024

Requested Licence Expiry Date December 2052

*Please ensure you submit your application for a Marine Licence **at least 4 months** prior to the intended start date. Some projects, such as EIA projects, will take significantly longer to determine.*

6. Project Description

6(a). Please give a description of the proposed project.

This should include the purpose of the project, estimated timescales of construction and operation, and broken down by the phases of works, if applicable.

Details should include, but not be limited to, dimensions of project, quantity of material being deposited and removed.

Please see Chapter 3 Proposed Development description in the accompanying Environmental Statement. Chapter 3 includes timetables showing the anticipated project phases.

A list of the method statements, design studies, construction plans, and sectional drawings showing the proposed works below/seaward of MHWS, which gives details of the materials to be used, is presented in **Attachment 6(C)**. The drawings are grouped under the following six activities:

- **Activity 01:** PoA to Douglas Cables.
- **Activity 02:** Cable Crossings.
- **Activity 03:** Douglas Jacket.
- **Activity 04:** Douglas Topsides.
- **Activity 05:** Pipeline Spools.
- **Activity 06:** Inter-platform Cables.

An estimate of the quantity of materials to be deposited is presented in **Attachment 8(A)** included in response to **Question 8(c)**.

Please continue on a separate sheet if necessary. Please tick if you have done this ☐

6(b). Please detail the location of the proposed construction project.

This should be either Ordnance Survey National Grid Reference (i.e. AB 12345 67890) or Latitude and Longitude in decimal degrees to 4 decimal places (i.e. Lat 52.1234 Long - 4.1234), defining the extent of the project. **Please specify which coordinate system has been used.**

The Co-ordinates for the Eni Development Area (Red Line Boundary) are set out in the **Attachment 6(b)1**, and those for the Area of Project Physical Works are set out in the **Attachment 6(b)2**.

Easting and Northing are provided in ED50 30N, and Latitude and Longitude in WGS84.

Please continue on a separate sheet if necessary. Please tick if you have done this ☒

6(c). The following must be provided with the completed application form:

- a suitably scaled extract of an Ordnance Survey Map or Admiralty Chart with location of project, complete with **North Arrow** and **Scale**
- construction plans and sectional drawings showing those proposed works below/seaward of MHWS, which should give details of the materials to be used (for beach replenishment the quantity, particle size and source of material to be deposited and deposit location is also required).

- (iii) a descriptive schematic drawing and suitably scaled location plan which show the full extent of the project clearly in relation to the surrounding area and features.

Please list below **all supporting documents** that have been submitted with this application, including suitable documents/maps/drawing titles and reference numbers

All supporting documents submitted with this Marine Licence application are listed in **Attachment 6(C)**. A suitably scaled map with location of project, complete with North Arrow and Scale, and showing the full extent of the project in relation to the surrounding area and features has been included on the following plans:

- Figure EHE7228B-INT-002 – Proposed Development Location Map
- Figure EHE7228B_BEN_007 - Proposed Development and Designated Sites
- Proposed Development and existing O&G licence blocks
- Proposed Development and Protected Subtidal Sites
- Proposed Development nearshore approaches

A list of the construction plans and sectional drawings showing the proposed works below/seaward of MHWS, which gives details of the materials to be used, is presented in **Attachment 6(C)**. The drawings are grouped under the following six activities:

- **Activity 01:** PoA to Douglas Cables.
- **Activity 02:** Cable Crossings.
- **Activity 03:** Douglas Jacket.
- **Activity 04:** Douglas Topsides.
- **Activity 05:** Pipeline Spools.
- **Activity 06:** Inter-platform Cables.

This Marine Licence Application is also supported by an Environmental Statement in four Volumes, and ES Non-Technical Summary as follows:

- Environmental Statement: Non-Technical Summary.
- Environmental Statement. Volume 1 Introductory Chapters.
- Environmental Statement. Volume 2 Offshore ES Main Report.
- Environmental Statement. Volume 3 Appendices and Technical Reports.
- Environmental Statement. Volume 4 Outline Management Plans.

A breakdown of the contents of the four ES Volumes is presented in **Attachment 6(C)**.

Please continue on a separate sheet if necessary. Please tick if you have done this ☒

The applicant should note that these drawings/plans may be copied to others as part of the MLT's consultation procedures. If they are subject to copyright, it is the **responsibility of the applicant to obtain the necessary approvals to reproduce the documents and to submit up to 16 copies with the application.**

7. Methods Statement

7(a). Please provide a detailed method statement for the works

This must include methods for all works including temporary structures or deposits such as jetties, cofferdams, moorings or landing stages to be constructed seaward of MHWS

Preliminary indicative installation methodologies can be found in the documents listed in **Attachment 6(C)** including:

- Environmental Statement: Chapter 3 Proposed Development description.
- PoA to Douglas and Satellites Offshore cable installation procedure- **1023DSBNMI85016_CDFE02_91**
- PoA to Douglas power and FO cable Nearshore installation procedure- **1025HTBNMI85019_CDFE02_95**
- Douglas platform installation method statement - **105600BNMI85023_CDFE01_62**

The construction contractor tender evaluation process is still in progress. Detailed Method Statements will be prepared by the Construction Contractor for the works, and will be shared with NRW-MLT at least three months prior to works commencing.

Please continue on a separate sheet if necessary. Please tick if you have done this ☒

7(b). Do you intend to undertake activities that could generate underwater noise?

This include piling, use of explosives, geophysical, acoustic deterrent devices and multibeam echosounders.

Yes ☒ No ☐

7(b) (i). If Yes, what type(s) of activities will be undertaken?

The following vessel use, and activities have been identified as potential sources of noise during construction, operation, and decommissioning of the Proposed Development.

Pre-construction, and Operation phase survey works

- Tugs/Barges;
- Support vessels/other vessels;
- Geophysical site investigations;
- Vertical Seismic Profiler (VSP); and
- Clearance of unexploded ordnance (UXO).

Construction phase piling works for new Douglas jacket and platform

- Impact pile driving of substation jacket foundations;
- Jack-up rig;
- Misc. small vessels (e.g. tugs, support vessels and RIBs); and
- Additional construction phase works: cable trenching and laying.

Please see Environmental Statement Appendix J Underwater Noise, and Chapter 7 Marine Biodiversity. The assessment of the effects of these activities on the marine environment is presented within the supporting **Environmental Statement** - Liverpool Bay CCS Ltd HyNet Carbon Dioxide Transportation and Storage Project- Offshore.

7(b) (ii). If Yes, approximately how many days will the activity be undertaken for?

The anticipated duration of piling activities, clearance of UXOs, and geophysical and seismic surveys are outlined below. The assessment of the effects of these activities is presented within the supporting **Environmental Statement** - Liverpool Bay CCS Ltd HyNet Carbon Dioxide Transportation and Storage Project- Offshore.:

Piling during installation of the new Douglas platform foundations

- up to 4 piled jacket foundations, with one leg per foundation and up to 2 x 1.524 m diameter piles per leg (8 piles);
- maximum hammer energy up to 3,000 kJ;
- up to 100 minutes piling per pile; and
- piling of up to two adjacent piles at the same platform at one time.

Clearance of UXOs within the Eni Development Area

- maximum UXO size of up to 907 kg;
- intention for low order clearance of all UXOs using low order techniques with a single donor charge of up to 80 g Net Explosive Quantity (NEQ) for each clearance event;
- up to 500 g NEQ clearance shot for neutralisation of residual explosive material at each location;
- risk of potential for unintended consequence of low order techniques to result in high order detonation of UXO (maximum size = 907 kg);
- a maximum of one UXO clearance within 24 hours;
- total duration of clearance activities up to 12 days; and
- clearance during daylight hours only.

Geophysical and seismic site-investigation surveys

- Site investigation surveys will involve the use of up to 2 survey vessels (1 shallow water and 1 deep water) carrying out 2 surveys each, and take place over a period of up to 3 months.
- Vertical Seismic Profiling (VSP):
 - Number of guns= 6;
 - Total volume= 1,200 cu in;
 - Source depth = 5 m;
 - Firing pressure = 2,000 psi;
 - SEL = 220 dB re 1 µPa2s @1m;
 - O-Peak SPL = 238 dB re. 1 µPa @ 1m;
 - Pulse interval = 20 s (during operations); and
 - Total number of pulses per 24 h period = 4,320 (three per minute).

If Yes, you will be required to complete an additional form that will be provided.

7(c). Please state the measures to be taken to:

(i) Minimise risk to the marine environment

The measures to be taken to protect the marine environment are presented within the supporting **Environmental Statement**:

- Environmental Statement: Chapter 7, Marine Biodiversity.
- Environmental Statement: Appendix E: Enhancement, Mitigation and Monitoring Commitments.
- Environmental Statement: Appendix P: Habitats Regulations Assessment Stage 2 Report to Inform Appropriate Assessment.
- Environmental Statement: Appendix Q: WFD Assessment.

(ii) Prevent undue interference to others

The measures to be taken to prevent undue interference to others are presented within the supporting **Environmental Statement**:

- Environmental Statement: Chapter 9, Shipping and Navigation.
- Environmental Statement: Chapter 10, Commercial Fisheries.
- Environmental Statement: Chapter 12, Infrastructure and Other Sea Users.
- Environmental Statement: Appendix C3: Aviation and Radar Technical Report
- Environmental Statement: Appendix E: Enhancement, Mitigation and Monitoring Commitments.
- Environmental Statement: Appendix L: Navigational Risk Assessment Technical Report.

(iii) Maintain navigational safety, including marking and lighting of works

The measures to be taken to maintain navigational safety, including marking and lighting of works are presented within the supporting **Environmental Statement**:

- Environmental Statement: Chapter 9, Shipping and Navigation.
- Environmental Statement: Chapter 12, Infrastructure and Other Sea Users.
- Environmental Statement: Appendix C3: Aviation and Radar Technical Report
- Environmental Statement: Appendix E: Enhancement, Mitigation and Monitoring Commitments.
- Environmental Statement: Appendix L: Navigational Risk Assessment Technical Report.

Please continue on a separate sheet if necessary. Please tick if you have done this ☐

8. Materials of Project

8(a). Description of materials to be deposited seaward of MHWS (Please tick all that apply)

Timber	<input type="checkbox"/>	Iron/Steel	<input checked="" type="checkbox"/>	Concrete	<input checked="" type="checkbox"/>	Biocides/other chemicals	<input type="checkbox"/>
Silt	<input type="checkbox"/>	Stone/Rock	<input checked="" type="checkbox"/>	Gravel	<input type="checkbox"/>	Plastic/Synthetics	<input checked="" type="checkbox"/>
Sand	<input type="checkbox"/>	Other	<input type="checkbox"/>				

If other, please provide a description of materials.

Please see Chapter 3 Proposed Development description in the accompanying Environmental Statement.

See also Application Supporting Documents for **Activities 01-06** listed in **Attachment 6(C)**. See also **Attachment 8(A)**, which provides an estimate of the materials quantities to be used during the installation of six main activities identified in response to **Question 6(a)**.

8(b). Delivery method of materials to site

If sea delivery, please include details of vessels to be used with a chart of proposed route and transshipment area. If vehicle delivery, please provide the proposed access route.

To support the cable installation shore pull, vehicles and construction equipment will be delivered to site via Station Road, and access Talacre Beach from a temporary construction access at the Talacre Beach car park (see also Planning Application to Flintshire County Council **FUL/000246/23**, which also covers the works between MHWS and MLWS). All materials for the works in the marine environment will be delivered to site via the vessels listed in response to **Question 3(d)(i)**. Marine delivery routes and suppliers of materials are yet to be determined, as the construction contractor tender evaluation process is still in progress. The name and contact details of the Construction Contractor for the works will be shared with NRW-MLT at least three months prior to works commencing.

Please continue on a separate sheet if necessary. Please tick if you have done this ☐

8(c). Will the works involve removals seaward of MHWS? Yes ☒ No ☐

8(c) (i). Description of materials to be removed seaward of MHWS (Please tick all that apply)

Timber	<input type="checkbox"/>	Iron/Steel	<input type="checkbox"/>	Concrete	<input type="checkbox"/>	Biocides/other chemicals	<input type="checkbox"/>
Silt	<input type="checkbox"/>	Stone/Rock	<input type="checkbox"/>	Gravel	<input type="checkbox"/>	Plastic/Synthetics	<input type="checkbox"/>
Sand	<input type="checkbox"/>	Other	<input type="checkbox"/>				

8(c) (ii). Description of objects/materials to be removed seaward of MHWS

Including quantities to be removed.

Not applicable to this application

9. Beach Replenishment, Land Reclamation or Salt Marsh Feeding

For works involving any of the above, please provide the following information

9(a). Is the material to be deposited like for like to existing material? Yes ☐ No ☐

9(a)(i) If No for Beach Replenishment please provide justification why?

There will be no beach replenishment required.

9(b). Description of material to be deposited

Please provide the grading specification of materials to be used, if using a range of grain sizes please state the percentage by weight passing. *If unsure, please refer to the Wentworth Scale*

There will be no beach replenishment required.

Please continue on a separate sheet if necessary. Please tick if you have done this ☐

9(c). Source of the material to be deposited

Including dredged or land based stating the origin of material

There will be no beach replenishment required.

If material has been analysed, we may request this information to determine the application

There will be no beach replenishment required. This question is therefore not applicable to this Marine Licence application.

9(d) (i) If Yes, is the analysis data been included with the application? Yes ☐ No ☐

There will be no beach replenishment required. This question is therefore not applicable to this Marine Licence application.

10. Temporary Works

10(a). Will there be any temporary deposits below MHWS?

Yes ☒ **No** ☐

This includes construction materials, removed objects/material, jetties or cofferdams

If **Yes**, please continue with section 10

10(b). Please provide the location of temporary deposits

Please include a map/chart displaying the location of temporary deposits, if necessary.

To facilitate the shore end pull-in of the new offshore electrical cables, it will be necessary to set-up the shore landing site. This will include temporarily laying out approximately 550-600 Beach Rollers at approximately 2.0 m intervals along the line of the two cable routes between MHWS and MLWS. The proposed location is shown in the following drawings included with the document NEARSHORE CABLE MARINE OPERATIONS OUTLINE PROCEDURE

(1025HTBNMI85019_CDFE02_95) (see **Attachment 6(C)**):

- Layout Drawing No. 1025HTBNDN85020 NEARSHORE CABLE MARINE OPERATIONS DRAWINGS Sheet 1 of 3.
- Long-section Drawing No. 1025HTBNDN85020 NEARSHORE CABLE MARINE OPERATIONS DRAWINGS Sheet 2 of 3.
- Long section Drawing No. 1025HTBNDN85020 NEARSHORE CABLE MARINE OPERATIONS DRAWINGS Sheet 3 of 3.

10(c). Description of temporary deposits

The image below shows typical rollers with side rollers to prevent power cable slide. These are steel gravity-based rollers that sit on the seabed to help guide the power cable to the HDD exit pit. Please also see **PoA to Douglas power and FO cable Nearshore installation procedure-1025HTBNMI85019_CDFE02_95** listed in **Attachment 6(C)**.



Please continue on a separate sheet if necessary. Please tick if you have done this ☐

11. Dredge and Disposal of Dredge Material

If you are undertaking Dredge and Disposal activities please also complete the Dredge and Disposal application form and submit together.

11(a). Do you intend to apply for a marine licence to dispose of dredged material to sea as part of the works in this application? Yes ☐ No ☒

12. Protected Sites

Licensing Authorities have a duty to ensure that projects will **not have significant adverse environmental impact**, particularly on any designated **European Site of Conservation Importance - Special Areas of Conservation (SAC) and Special Protection Areas (SPA)**, listed under the Habitats Directive (Council Directive 92/42/EEC on the conservation of natural habitats and of wild fauna and flora). In addition, it is Government Policy that Wetlands of International Importance (Ramsar sites) are also considered as European Sites. There is a duty to take reasonable steps to further the conservation and enhancement of nationally designated sites (Sites of Special Scientific Interest (SSSIs)).

12(a). Have you had pre-application correspondence with NRW, its legacy bodies or Natural England? Yes ☒ No ☐

12(a)(i). If Yes, please provide copies of correspondence with application and state which team(s) you have contacted?

The project team has been engaged in email correspondence with the NRW-MLT since inquiring in late October 2022 about the marine licencing requirements for the Hynet Carbon Dioxide Transportation and Storage Project – Offshore. Subsequent correspondence from NRW-MLT confirmed that our pre application number is PA2211, and that Dr Maria Alvarez had been assigned as Case Officer. The correspondence with NRW-MLT regarding the licencing requirements is included in **Attachment 12(a)**.

The activities in this Marine Licence application between MHWS and MLWS have also been included within a Town and Country Planning Application (TCPA) to Flintshire County Council (FUL/000246/23) for works at Eni's Point of Ayr (PoA) gas terminal. A meeting was held with NRW Advisory to discuss the TCPA intertidal ecological survey approach. The findings from this survey were also used to inform the baseline and EIA reported in the ES supporting this Marine Licence application. The minutes from this meeting are included in **Attachment 12(a)**. NRW commented on the TCPA application (FUL/000246/23), and the NRW letter is included within **Attachment 12(a)**. The Applicant responded to these comments and the technical responses on Biodiversity, and on Water are included in **Attachment 12(a)**.

12(b). Are any part of the works located *within or likely to affect* a designated conservation site? (SAC, SPA, SSSI or Ramsar) Yes ☒ No ☐

12(b)(i). If Yes, which designated site(s) may be affected?

There are a number of designated sites that were screened-in for assessment within the EIA, and the Report to Inform the Appropriate Assessment (RIAA). The table below presents those screened-in sites within 100 km of the Eni Development Area. A full list, including those beyond 100 km, and the assessment of likely significant effects on these sites is detailed in the **ES Chapter 7 Marine Biodiversity, Chapter 8 Offshore Ornithology, and Appendix P Report to Inform the Appropriate Assessment (RIAA)**.

Designated Site	Minimum Distance to Eni Development Area (km)
Fylde MCZ	0
Dee Estuary SAC/Aber Dyfrdwy SAC	0
Liverpool Bay/Bae Lerpwl SPA (UK9020294A)	0
Dee Estuary SPA (UK9013011)	0
Ribble and Alt Estuaries SPA (UK9005103)	1
Ribble Estuary SSSI	2.7
Menai Strait and Conwy Bay SAC/Y Fenai a Bae Conwy SAC	13.54
Shell Flat and Lune Deep SAC	15.18
Creigiau Rhiwledyn/Little Ormes Head SSSI	15.45
Pen Y Gogarth/Great Ormes Head SSSI	18.29
Aber Afon/Conwy SSSI	21.43
Morecambe Bay and Duddon Estuary SPA (UK9020326)	22
River Dee and Bala Lake SAC	22.53
Morecambe Bay SAC	26.5
West of Walney MCZ	28.73
Anglesey Terns/Morwenoliaid Ynys Môn SPA (UK9013061)	30
North Anglesey Marine SAC	39.6
West of Copeland MCZ	47.13
Drigg Coast SAC	70.06
Isle of Man Marine Nature Reserves (MNRs)	70.06 to 91.05
Cumbria Coast MCZ	73.09
North Channel SAC	91.4
Aberdaron Coast and Bardsey Island/Glannau Aberdaron ac Ynys Enlli SPA (UK9013121)	98

12(c). Please provide a description of all mitigation measures proposed to avoid any impact on designated conservation sites.

A description of the mitigation measures proposed to avoid any impact on designated conservation sites is provided within the following documents included in support of this application:

- **Environmental Statement.** Volume 2, Chapter 7: Marine Biodiversity. See Section 7.11, and Table 7.32.
- **Environmental Statement.** Volume 2, Chapter 8: Offshore Ornithology. See Section 8.10.
- **Environmental Statement.** Volume 3, appendix E: Enhancement, Mitigation and Monitoring Commitments. See Table 1.1.
- **Environmental Statement.** Volume 3, appendix P: Habitats Regulations Assessment Stage 2 Report to Inform Appropriate Assessment. The measures are tabulated separately in each of the receptor sections according to the effect pathway under consideration (see Sections 1.6, 1.7, 1.8, and 1.9).
- **Environmental Statement.** Volume 3, appendix Q: Water Framework Directive Assessment. See Section 1.4.5, and Table 1.4.
- **Environmental Statement.** Volume 3, appendix R: Environmental Management Plan.
- **Environmental Statement.** Volume 3, appendix S: Marine Mammal Mitigation Plan.
- **Environmental Statement.** Volume 3, appendix T: Invasive Non-Native Species Management Plan.

Please continue on a separate sheet if necessary. Please tick if you have done this ☐

12(d). If the works are not located *within* or *likely to affect* a designated conservation site, please indicated the approximate distance to the nearest designated conservation site.

Please see table in response to **Question 12(b)**.

Please note that if the proposed works are in or within 2km of a European Site of Conservation Importance you will have to provide suitable mitigation measures to avoid any impact on designated conservation sites.

13. Other Consents

Please detail all consents that you have applied for or received for these works

Type of Consent	Applied for	To be applied for	Reference Number	Date of Issue and Expiry
Planning Permission under Town and County Planning Act 1990 – From Local Planning Authority (LPA)	✓		FUL/000246/23	Planning permission expected November 2023
Name and Address of LPA for location of works	Flintshire County Council County Hall, Mold, Flintshire, CH7 6NF			
Land Owners Consent such as The Crown Estate Consent				
Port Authority or Local Harbour permissions				
Other NRW consents such as Flood Defence or SSSI assent				
Details of NRW consent				
Other consents such as Transport and Works Act Order, Section 36 Electricity Act, grant/loan sanction		✓		
Details of other consents	Application to NSTA (with OPRED environmental approval) for a Carbon Dioxide Storage Permit, which will be made during December 2023..			

14. Statutory Powers

14(a). Does the applicant have statutory powers to consent any aspect of the project?
E.g. coast protection authority, dredging powers, statutory undertakers Yes ☐ No ☒

14(a)(i). If Yes, please give details and state the relevant legislation that gives these powers

Not applicable to this application

15. Public Register

Under The Marine Licensing (Register of Licensing Information)(Wales) Regulations 2011 and the Environmental Impact Assessment Directive (Directive 85/337/EEC – as amended) , all information contained within or provided in support of this application will be placed on the Public Register unless NRW approve of the applicant's reasons for withholding all or part.

15. Is there any information contained within or provided in support of this application that you consider should NOT be included on the Public Register on the grounds that its disclosure:

15(a). Would be contrary to the interest of National Security? Yes ☐ No ☒

15(b). Would prejudice to an unreasonable degree you, or some other person's commercial interest of those of a third party? Yes ☐ No ☒

If **Yes** to either (a) or (b), please provide full justification as to why all or part of the information you have provided should be withheld

Not applicable to this application

Please continue on a separate sheet if necessary. Please tick if you have done this ☐

16. Application Fee

16(a). What are the corresponding fee band for this application? Band 2 ☐ Band 3 ☒

16(b) Band 2 Only

Projects are charged at a fixed fee of £1920. The application will not be processed until the correct fee has been provided.

Please provide the method of payment

Method	Yes (✓)	Reference Number
Cheque		
BACS (not remittance no.)		
World Pay (phone or CC1)		

Please attach **CC1 Form** with application. Can be found on our web pages

16(c) Band 3 Application only

Band 3 applications are charged at on hourly rate of £120 and are invoiced in arrears. Please complete the details below which will be required for invoicing.

Customer Name

Eni UK

FAO

Don Smith

Purchase order number

Not required. Please use reference **LBA CCS**

Address for invoice

HSE Manager
Eni UK
Eni House
10 Ebury Bridge Road
London
SW1W 8PZ

Telephone Number

07785304293


Email Address

donald.smith@eni.com

17. Declaration

I declare that to the best of my knowledge and belief that the information given in this application form and supporting documentation is true.

WARNING: It is an offence under the Marine and Coastal Access Act 2009, under which this application is made, to fail to disclose information or to provide false or misleading information and can invalidate any licence granted.

Signature  M Currie (Nov 7, 2023 09:51 GMT) Date 07/11/2023

Name (in capitals) MR MARTIN CURRIE

Position in Company Director, Liverpool Bay CCS Limited

*Applications cannot be processed unless signed by the **Applicant** (not agent), the applicant must have appropriate level of authority within the company.*

Applications will not be processed unless signed

LBA CCS Ltd - PA2211-marine-works-application-form-FINAL

Final Audit Report

2023-11-07

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