

MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Technical Engagement Plan



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Glossary

Term	Meaning
Applicants	Morgan Offshore Wind Limited and Morecambe Offshore Windfarm Ltd
Development Consent Order (DCO)	An order made under the Planning Act 2008 granting development consent for one or more Nationally Significant Infrastructure Projects (NSIP).
Environmental Impact Assessment	The process of identifying and assessing the significant effects likely to arise from a project. This requires consideration of the likely changes to the environment, where these arise as a consequence of a project, through comparison with the existing and projected future baseline conditions.
Environmental Statement	The document presenting the results of the Environmental Impact Assessment process.
European sites	Designated nature conservation sites which include the National Site Network (designated within the UK) and Natura 2000 sites (designated in any European Union country). This includes Sites of Community Importance, Special Areas of Conservation and Special Protection Areas.
Evidence Plan Process	A voluntary consultation process with specialist stakeholders to agree the approach to, and information to support, the EIA and Habitats Regulations Assessment processes for certain topics.
Expert Working Group	A forum for targeted engagement with regulators and interested stakeholders through the Evidence Plan process.
Horizontal directional drilling	A trenchless technique for installing cables and cable ducts involving drilling in an arc between two points.
Landfall	The location at which the export cable connects the Morecambe and Morgan Generations Asset's Project's to land, for onward electricity export to the onshore substation.
Morecambe Offshore Windfarm: Generation Assets	The offshore generation assets and associated activities for the Morecambe Offshore Windfarm.
Morgan Offshore Wind Project: Generation Assets	The offshore generation assets and associated activities for the Morgan Offshore Wind Project.
Morgan and Morecambe Offshore Wind Farms: Transmission Assets	This is the name given to the Morgan and Morecambe Transmission Assets project as a whole (includes all infrastructure and activities associated with the project construction, operations and maintenance, and decommissioning).
Offshore export cable corridor	The corridor within which the offshore export cables will be located.

Term	Meaning
Onshore substations	The onshore substations will include a substation for the Morgan Offshore Wind Project: Transmission Assets and a substation for the Morecambe Offshore Windfarm: Transmission Assets. These will each comprise a compound containing the electrical components for transforming the power supplied from the generation assets to 400 kV and to adjust the power quality and power factor, as required to meet the UK Grid Code for supply to the National Grid.
Onshore export cable corridor	The corridor within which the onshore export cables will be located.
Order limits	The limits within which the Transmission Assets may be carried out.
Preliminary Environmental Information Report	A report that provides preliminary environmental information in accordance with the Infrastructure Planning (Environmental Impact Assessment) Regulations 2017. This is information that enables consultees to understand the likely significant environmental effects of a project and which helps to inform consultation responses.
Special Areas of Conservation	A site designation specified in the Conservation of Habitats and Species Regulations 2017. Each site is designated for one or more of the habitats and species listed in the Regulations. The legislation requires a management plan to be prepared and implemented for each SAC to ensure the favourable conservation status of the habitats or species for which it was designated. In combination with Special Protection Areas and Ramsar sites, these sites contribute to the national site network.
Special Protection Areas	A site designation specified in the Conservation of Habitats and Species Regulations 2017, classified for rare and vulnerable birds, and for regularly occurring migratory species. Special Protection Areas contribute to the national site network.
Study Area	This is an area which is defined for each environmental topic which includes the Transmission Assets Order Limits as well as potential spatial and temporal considerations of the impacts on relevant receptors. The study area for each topic is intended to cover the area within which an impact can be reasonably expected.
Survey Area	The area within which each survey has been undertaken. This may differ from the Study Area as a Survey Area will be based on species or survey-specific guidance on the extent of survey required, which may be limited by, for example, habitat conditions, or be defined in terms of buffer areas around an area of potential impact.

Acronyms

Acronym	Meaning
CMS	Construction Method Statement
CSIP	Cable Specification and Installation Plan
HDD	Horizontal Directional Drilling
HRA	Habitats Regulations Assessment
EIA	Environmental Impact Assessment
ES	Environmental Statement
EWG	Expert Working Group
DCO	Development Consent Order
EnBW	Energie Baden-Württemberg AG
MHWS	Mean High Water Springs
MLWS	Mean Low Water Springs
MMO	Marine Management Organisation
MNEF	Marine Navigation Engagement Forum
NGESO	National Grid Electricity System Operator
SAC	Special Area of Conservation
SPA	Special Protection Area
SSSI	Site of Special Scientific Interest
TEP	Technical Engagement Plan
VMS	Vessel Monitoring System

Units

Unit	Description
%	Percentage
m	Metre

1 Technical Engagement Plan

1.1 Overview

1.1.1 Introduction

- 1.1.1.1 This Technical Engagement Plan (TEP) has been prepared for the Morgan and Morecambe Offshore Wind Farms: Transmission Assets (hereafter referred to as ‘the Transmission Assets’).
- 1.1.1.2 Morgan Offshore Wind Limited (Morgan OWL), a joint venture between bp Alternative Energy Investments Ltd (bp) and Energie Baden-Württemberg AG (EnBW), is developing the Morgan Offshore Wind Project. The Morgan Offshore Wind Project is a proposed wind farm in the east Irish Sea.
- 1.1.1.3 Morecambe Offshore Windfarm Ltd (Morecambe OWL), a joint venture between Cobra Instalaciones y Servicios, S.A. (Cobra) and Flotation Energy Ltd, is developing the Morecambe Offshore Windfarm, also located in the east Irish Sea.
- 1.1.1.4 Morgan OWL and Morecambe OWL (the Applicants), being in agreement with the output from the Holistic Network Design Review (HNDR), are jointly seeking a single consent for transmission assets comprising shared offshore export cable corridors to landfall and shared onshore export cable corridors to onshore substation(s), and onward connection to the National Grid at Penwortham, Lancashire.
- 1.1.1.5 The purpose of the Transmission Assets is to connect the Morgan Offshore Wind Project: Generation Assets and Morecambe Offshore Windfarm: Generation Assets (referred to collectively as the ‘Generation Assets’) to the National Grid. The key components of the Transmission Assets include offshore element, landfall and onshore elements. Details of the activities and infrastructure associated with the Transmission Assets are set out in Volume 1, Chapter 3: Project Description of the Environmental Statement (ES) (document reference F1.3).
- 1.1.1.6 The Applicants recognise the importance of early engagement with stakeholders and have engaged with key stakeholder from the early development stages of the project through to Application. This has ensured stakeholders have had the opportunity to provide feedback on and influence the project and follow its progress from an early stage.

1.1.2 Aims of the report

- 1.1.2.1 Consultation has been undertaken as part of the pre-application phase of the Transmission Assets. The Consultation Report (document reference E.1) describes the consultation process that the Applicants have followed in terms of the non statutory consultation and the statutory consultation, and publicity stages as required under sections 42, 47 and 48 of the Planning Act 2008. It outlines the feedback received and explains how the feedback received has been taken into account by the Applicants.

1.1.2.2 The purpose of this TEP is to summarise the technical consultation that has been undertaken to inform the information, evidence and assessment methodologies and approaches taken for Environmental Impact Assessment (EIA) and Habitats Regulations Assessment (HRA) processes.

1.1.2.3 Key stakeholders engaged through this process include:

- The Planning Inspectorate;
- The Marine Management Organisation;
- Natural England;
- Historic England;
- Environment Agency;
- Fylde Borough Council;
- Blackpool City Council;
- Preston City Council;
- South Ribble Borough Council;
- Lancashire County Council;
- National Highways;
- JNCC;
- RSPB; &
- Wildlife Trusts.

1.1.2.4 Specifically, this TEP provides a summary of the stakeholder engagement undertaken for the following topics:

- Physical processes (Volume 2, Chapter 1: Physical processes of the ES (document reference F2.1))
- Benthic subtidal and intertidal ecology (Volume 2, Chapter 2: Benthic subtidal and intertidal ecology of the ES (document reference F2.2))
- Fish and shellfish ecology (Volume 2, Chapter 3: Fish and shellfish ecology of the ES (document reference F2.3))
- Marine mammals (Volume 2, Chapter 4: Marine mammals of the ES (document reference F2.4))
- Offshore ornithology (Volume 2, Chapter 5: Offshore ornithology of the ES (document reference F2.5))
- Commercial fisheries (Volume 2, Chapter 6: Commercial fisheries of the ES (document reference F2.6))
- Shipping and navigation (Volume 2, Chapter 7: Shipping and navigation of the ES (document reference F2.7))
- Marine archaeology (Volume 2, Chapter 8: Marine archaeology and cultural heritage of the ES (document reference F2.8))

- Other sea users (Volume 2, Chapter 9: Other sea users of the ES (document reference F2.9))
- Geology, hydrogeology and ground conditions (Volume 3, Chapter 1: Geology, hydrogeology and ground conditions of the ES (document reference F3.1))
- Onshore ecology and nature conservation (Volume 3, Chapter 3: Onshore ecology and nature conservation of the ES (document reference F3.3))
- Onshore and intertidal ornithology (Volume 3, Chapter 4: Onshore ecology and nature conservation of the ES (document reference F3.4))
- Traffic and Transport (Volume 3, Chapter 7: Traffic and transport of the ES (document reference F3.7))
- Noise and Vibration (Volume 3, Chapter 8: Noise and vibration of the ES (document reference F3.8))
- Landscape and visual resources (Volume 3, Chapter 10: Landscape and visual resources of the ES (document reference F3.10))
- Aviation and radar (Volume 3, Chapter 11: Aviation and radar of the ES (document reference F3.11))
- Socio-economics (Volume 4, Chapter 13: Socio-economics of the ES (document reference F4.2))
- Information to support the Appropriate Assessment (document reference E2.1, E2.2, E2.3)
- Marine Conservation Zone Screening Assessment (document reference E4).

1.1.2.5 Technical consultation was ongoing throughout the pre-application phase of the Transmission Assets, with the Applicants considering feedback for the preparation of assessments within the EIA and HRA, and the identification and securing of mitigation.

1.1.3 Structure of the report

1.1.3.1 The report has been structured to introduce the Transmission Assets, present the different groups under which consultation has taken place and then present the technical engagement per topic. The structure of this report is as follows:

- Introduction (section 1.1) – this section introduces the Transmission Assets and the aims and structure of this report.
- Evidence Plan Process (section 1.2) – this section introduces the Evidence Plan Process and presents the technical consultation that has been undertaken under the Evidence Plan Process.
- Engagement forums (section 1.3) – this section introduces the other engagement forums that have been adopted for the Morgan

Generation Assets consultation and presents the technical consultation that has been undertaken under these engagement forums.

- Other technical consultation (section 1.4) – this presents the technical consultation that has been undertaken for other topics that are not covered in by the Evidence Plan or engagement forums.
- Targeted bilateral engagement (section 1.5) – summarises engagement undertaken directly by the Applicants to supplement the engagement presented in sections 1.2-1.4.
- Appendices (Table 1.1) – outlines the appendices that contain the relevant meeting minutes and any additional information for consultation separated by technical topic.

Table 1.1: Technical Engagement Plan appendix list

Document title containing appendix minutes	Appendix
Technical Engagement Plan Appendices Part 1 of 3 (document reference E5.1 Part 1 of 3)	Appendix A: Evidence Plan Steering Group
	Appendix B: Evidence Plan Benthic ecology, Fish and shellfish ecology and Physical processes Expert Working Group (EWG)
	Appendix C: Evidence Plan Marine mammals EWG
	Appendix D: Evidence Plan Offshore ornithology EWG
	Appendix E: Marine Navigation Engagement Forum (MNEF)
Technical Engagement Plan Appendices Part 2 of 3 (document reference E5.1 Part 2 of 3)	Appendix F: Archaeology and Heritage Engagement Forum (AHEF)
	Appendix G: Evidence Plan Onshore ecology, onshore and intertidal ecology EWG
	Appendix H: Evidence Plan Onshore historic environment EWG
	Appendix I: Evidence Plan Traffic and transport EWG
	Appendix J: Evidence Plan Noise and vibration, and air quality EWG
Technical Engagement Plan Appendices Part 3 of 3 (document reference E5.1 Part 3 of 3)	Appendix K: Evidence Plan Hydrology and flood risk EWG
	Appendix L: Evidence Plan landscape and visual assessment EWG
	Appendix M: Commercial fisheries
	Appendix N: Shipping and navigation
	Appendix O: Aviation and radar

1.2 Evidence Plan Process

1.2.1.1 Full details of the EIA and Evidence Plan Process participants associated with the Transmission Assets are set out in Volume 1, Chapter 5: Environmental assessment methodology of the Environmental Statement (ES) (document reference F1.5) and presented in Table 1.2 below.

Table 1.2: Participants in the Evidence Plan Process

Participants
The Applicants
Applicants' HRA and EIA Consultants (RPS)
The Planning Inspectorate
Natural England
The Marine Management Organisation (MMO)
The Royal Society for the Protection of Birds (RSPB)
The Wildlife Trusts (TWT)
Environment Agency
Joint Nature Conservation Committee (JNCC)
Local Planning Authorities (LPAs)

1.2.1.2 In summary, an Evidence Plan Steering Group was established for the Transmission Assets, which met at key milestones throughout the EIA process. In addition, Expert Working Groups (EWGs) were established to discuss topic-specific issues with relevant stakeholders. These groups are shown in Figure 1. EWG meetings have been held at key stages in the EIA process or when new information become available for each topic, to provide the opportunity for stakeholders to provide feedback and advice to inform the proposals at an early stage.

1.2.1.3 During the Evidence Plan Process the relevant information, as provided by the Applicants, was passed to members before meetings (wherever possible) at key project stages or when new information became available. The Steering Group and EWG meetings then provided the opportunity for the stakeholders to review, discuss and provide feedback and advice.

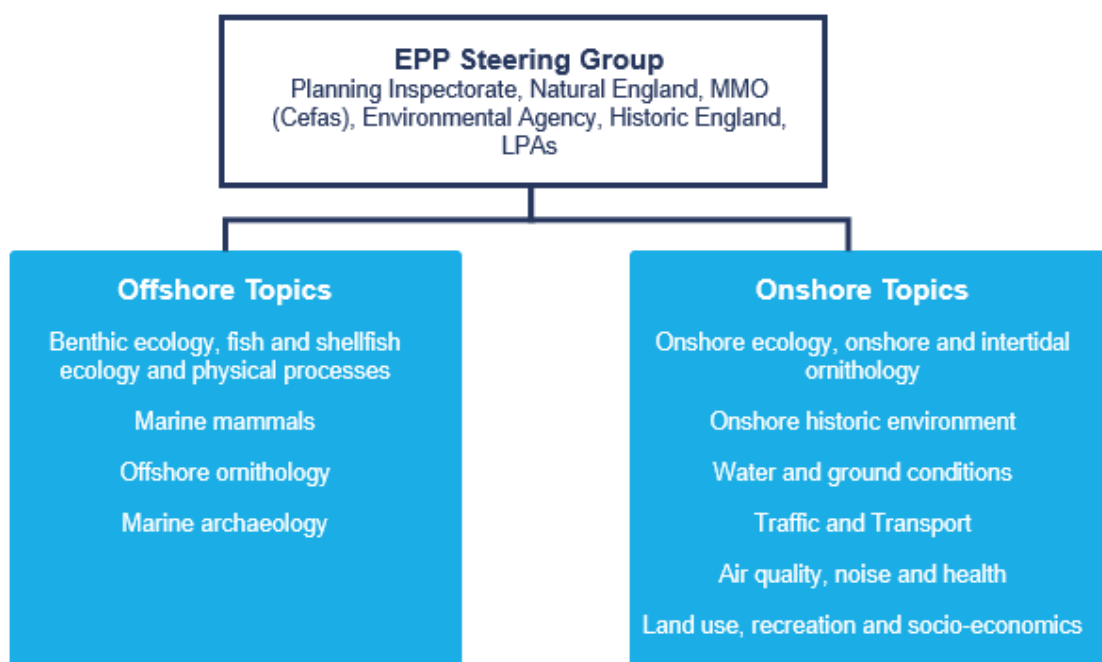


Figure 1: Transmission Assets EPP Steering Group and Expert Working Groups

1.2.1 Steering Group

1.2.1.1 The programme of consultation is outlined within Table 1.3 and full meeting minutes are included within Appendix A (document reference E1.5 Part 1 of 3). Agreement on consultation items was sought under the EWGs and therefore no agreement logs or summary of agreements are included for the Steering Group.

Table 1.3: Steering Group consultation held to date

Date	Participants	Focus of consultation
10 January 2023	The Applicants, RPS, Natural England, Historic England, Marine Management Organisation, Environment Agency, Fylde Borough Council, Preston City Council, Planning Inspectorate	<ul style="list-style-type: none"> • Introduction was provided on the Transmission Assets. • Outline of programme and key milestones. • Provided an overview of the Pre-Application Process and purpose of and overview of Evidence Plan Process. • Discussion on roles and responsibilities. An overview of Evidence Plan Steering group and overview of identified Expert Working Groups. • Discussions and agreed ways of working. • The next steps and summary of actions was provided.

Date	Participants	Focus of consultation
11 May 2023	The Applicants, RPS, Natural England, Historic England, Marine Management Organisation, South Ribble Borough Council, Planning Inspectorate	<ul style="list-style-type: none"> • Discussion on the timeline of activities, Offshore Site Selection process and key constraints. • Project update on the offshore export cable corridor selection: Landfall, offshore cable corridor selection and final offshore cable corridor for PEIR. • Discussion on the interaction with key designated sites, mitigation options and The Crown Estate Export Cable Route Assessment (ECRA). • Requested feedback and any queries, which focused on the number of cables for Morgan and Morecambe respectively and where they combine, and the potential for a booster station, in which Natural England requested avoidance of the Liverpool SPA. • Update provided on the onshore Site Selection process and next steps.
16 July 2024	The Applicants, RPS, Natural England, Historic England, Marine Management Organisation, Environment Agency, Fylde Borough Council, South Ribble Borough Council, Planning Inspectorate	<ul style="list-style-type: none"> • Project update • Route planning & site selection refinements post-Preliminary Environment Information Report (PEIR). • Project Description & design overview. • Survey updates. • An overview and update on the Evidence Plan Process overview. • The next steps and summary of actions was provided.

1.2.2 Benthic ecology, fish and shellfish ecology and physical processes EWG

1.2.2.1 Benthic ecology, fish and shellfish and physical processes were covered in one EWG due to the inter-related nature of the three topics.

1.2.2.2 The programme of consultation for the Benthic ecology, fish and shellfish ecology and physical processes Expert Working Group EWG is outlined within Table 1.4 and full meeting minutes are included within Appendix B (document reference E1.5 Part 1 of 3 of 3).

1.2.2.3 Table 1.5 presents the agreement areas for the Benthic ecology, Fish and shellfish ecology and Physical processes EWG members.

Table 1.4: Benthic ecology, fish and shellfish ecology and physical processes EWG consultation held to date

Date	Participants	Focus of consultation
30 March 2023	The Applicants, RPS, MMO, Natural England, Cefas, Environment Agency	<ul style="list-style-type: none"> • Introduction to the Transmission Assets • Programme and Key Milestones • Purpose of and overview of the Evidence Plan Process • Initial baseline and approach to assessment of the following topics: <ul style="list-style-type: none"> • Physical processes • Benthic subtidal and Intertidal Ecology • Fish and shellfish ecology • Discussion and next steps
27 July 2023	The Applicants, RPS, MMO, Natural England, Agency, Environment Agency, Cumbria Wildlife Trust	<ul style="list-style-type: none"> • Project update • Baseline and initial assessment outputs of the following topics: <ul style="list-style-type: none"> • Physical processes • Benthic subtidal and intertidal ecology • Fish and shellfish ecology • MCZ Assessment • Discussion and next steps
07 February 2024	The Applicants, RPS, MMO, Cefas, Environment Agency	<ul style="list-style-type: none"> • Project update • Project parameter refinements post-PEIR • S42 responses for the following: <ul style="list-style-type: none"> • Physical processes • Benthic subtidal and intertidal ecology • MCZ Assessment • Fish and shellfish ecology • Discussion and next steps
15 February 2024	The Applicants, RPS, Natural England	<ul style="list-style-type: none"> • Project update • Project parameter refinements post-PEIR • S42 responses for the following: <ul style="list-style-type: none"> • Physical processes • Benthic subtidal and intertidal ecology • MCZ Assessment • Fish and shellfish ecology • Discussion and next steps
15 August 2024	The Applicants, RPS, MMO, Natural England, Cefas, Environment Agency, The Wildlife Trust	<ul style="list-style-type: none"> • Updates post section 42 (commitments and impact assessments) for the MCZ Assessment • Overview of the Outline offshore Cable Specification and Installation Plan (CSIP) and the Outline Cable burial Risk Assessment (CBRA) • Discussion and Next Steps

Table 1.5: Meeting Summary for Benthic Ecology, fish and shellfish ecology and physical processes EWG

Issues Agreed	Issues under discussion	Summary of Progress
30 March 2023		
<p>Natural England responded, broadly agreeing with all of the discussion points listed below.</p>	<p>Agree the approach to baseline characterisation for physical processes, benthic ecology and fish and shellfish ecology.</p> <p>Agree the approach to assessment for physical processes</p> <p>Agree the approach to assessment for benthic ecology</p> <p>Agree the approach to assessment for fish and shellfish ecology (particularly underwater noise)</p> <p>Agreet on the scoping of impacts for physical processes, benthic ecology and fish and shellfish ecology</p>	<p>Stakeholders are engaged with the issues under discussion. Natural England responded to the requests for agreement. Matters arising from consultation have been discussed and agreed where applicable with discussion ongoing where agreement has not yet been reached.</p>
27 July 2023		
<p>No Issues agreed as part of EWG02 as no specific agreements sought.</p>	<p>The issues under discussion from the previous EWG remain while only Natural England has responded to the seeking of the agreements noted from EWG01. No specific agreements sought as part of EWG02.</p>	<p>The Applicants have only had a response from Natural England, no further responses from other stakeholders have been received. EWG02 focussed on providing updates and information on the assessment outputs to this point. No specific agreements sought as part of EWG02.</p>
07 February 2024		
<p>No Issues/agreements requested in EWG03 had been responded to for EWG03.</p>	<p>"The following issues are still under discussion with key stakeholders:</p> <p>LSE Screening: We are seeking agreement on the approach for determining LSE on European sites with Annex I habitats and Annex II diadromous fish as features is appropriate and that all the relevant sites and impact pathways have been identified.</p> <p>Baseline Characterisation: We are seeking agreement that the baseline characterisation for physical processes, benthic ecology and</p>	<p>MCZ Assessment Conclusions: Under discussion</p>

fish and shellfish ecology is appropriate for the purposes of the EIA and HRA (based on the PEIR and agreed updates discussed at EWG03).

CEA Approach: We are seeking agreement that the list of projects screened into the CEA in the EIA and the in-combination assessment in the HRA are appropriate.

FSF Conclusions: We are seeking agreement that there will be no adverse effects on integrity for SACs designated for fish features for any impacts for the project alone or in combination.

FSF Conclusions: We are seeking agreement that for all impacts, no significant effects in EIA terms on fish and shellfish receptors are predicted for the project alone and cumulatively.

FSF Conclusions: We are seeking agreement that measures adopted as part of the project (as set out in Table 3.14 of the PEIR) are appropriate and agreed to ensure significant effects are avoided.

Physical Processes Conclusions: We are seeking agreement that for all impacts, no significant effects on physical processes are predicted for the project alone and cumulatively.

Physical Processes Conclusions: We are seeking agreement that measures adopted as part of the project (as set out in Table 1.14 of the PEIR) are appropriate and agreed to ensure significant effects are avoided.

Benthic Ecology Conclusions: We are seeking agreement that there will be no adverse effects on integrity for SACs designated for any Annex I habitat features for any impacts for the project alone or in combination.

Benthic Ecology Conclusions: We are seeking agreement that for all impacts (other than impacts on the Fylde MCZ), no significant effects on benthic ecology receptors are predicted for the project alone and cumulatively.

Benthic Ecology Conclusions: We are seeking agreement that, other than impacts on the Fylde MCZ, measures adopted as part of the project (as set out in Table 2.12 of the PEIR) are appropriate and agreed to ensure significant effects are avoided.

	<p>MCZ Screening Conclusions: We are seeking agreement that only the Subtidal mud and Subtidal sand features of the Fylde MCZ are required to be taken through for further assessment (i.e. Stage 1). All other features of all other MCZs can be screened out on the basis that there is no significant risk of the project hindering the achievement of the conservation objectives for any other MCZ."</p>	
15 February 2024		
<p>Natural England responded to the following requests.</p> <p>Agreement 1 - to provide more information on strategic compensation when it becomes available.</p> <p>Agreement 2 - to provide advice on cable protection licensing during the operations and maintenance phase. The responses to these requests are:</p> <p>Agreement 1: Natural England to share this information when it becomes available</p> <p>Agreement 2: Cable protection licensing during the operation and maintenance phase: Remedial burial can be included in the DCO application. However, installation of cable protection within a protected site would still need a separate marine license due to the potential impacts to designated site features which may have changed over time.</p>	<p>The following issues are still under discussion with key stakeholders:</p> <p>LSE Screening: We are seeking agreement on the approach for determining LSE on European sites with Annex I habitats and Annex II diadromous fish as features is appropriate and that all the relevant sites and impact pathways have been identified.</p> <p>Baseline Characterisation: We are seeking agreement that the baseline characterisation for physical processes, benthic ecology and fish and shellfish ecology is appropriate for the purposes of the EIA and HRA (based on the PEIR and agreed updates discussed at EWG03).</p> <p>CEA Approach: We are seeking agreement that the list of projects screened into the CEA in the EIA and the in-combination assessment in the HRA are appropriate.</p> <p>FSF Conclusions: We are seeking agreement that there will be no adverse effects on integrity for SACs designated for fish features for any impacts for the project alone or in combination.</p> <p>FSF Conclusions: We are seeking agreement that for all impacts, no significant effects in EIA terms on fish and shellfish receptors are predicted for the project alone and cumulatively.</p> <p>FSF Conclusions: We are seeking agreement that measures adopted as part of the project (as set out in Table 3.14 of the PEIR) are appropriate and agreed to ensure significant effects are avoided.</p> <p>Physical Processes Conclusions: We are seeking agreement that for all impacts, no significant effects on physical processes are predicted for the project alone and cumulatively.</p>	<p>MCZ Assessment Conclusions: Under discussion</p>

	<p>Physical Processes Conclusions: We are seeking agreement that measures adopted as part of the project (as set out in Table 1.14 of the PEIR) are appropriate and agreed to ensure significant effects are avoided.</p> <p>Benthic Ecology Conclusions: We are seeking agreement that there will be no adverse effects on integrity for SACs designated for any Annex I habitat features for any impacts for the project alone or in combination.</p> <p>Benthic Ecology Conclusions: We are seeking agreement that for all impacts (other than impacts on the Fylde MCZ), no significant effects on benthic ecology receptors are predicted for the project alone and cumulatively.</p> <p>Benthic Ecology Conclusions: We are seeking agreement that, other than impacts on the Fylde MCZ, measures adopted as part of the project (as set out in Table 2.12 of the PEIR) are appropriate and agreed to ensure significant effects are avoided.</p> <p>MCZ Screening Conclusions: We are seeking agreement that only the Subtidal mud and Subtidal sand features of the Fylde MCZ are required to be taken through for further assessment (i.e. Stage 1). All other features of all other MCZs can be screened out on the basis that there is no significant risk of the project hindering the achievement of the conservation objectives for any other MCZ.</p>	
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15 August 2024

<p>The Environment Agency responded to the request for agreement on the conclusions of the MCZ Assessment as written below. The Environment Agency responded, stating they agree with caveats, the conclusions of the MCZ Assessment.</p> <p>Natural England responded to the meeting minutes and to the request for agreement on the MCZ conclusions. Natural England stated they welcome the refining but cannot provide agreement at this stage.</p>	<p>The following issues are still under discussion with key stakeholders:</p> <p>MCZ Assessment Conclusions: We are seeking agreement that, on the basis of the reduction in the project design parameters, there will be no significant risks to the achievement of the conservation objectives of the Fylde MCZ due to the Transmission Assets. Therefore, a Stage 2 MCZ Assessment is not required.</p>	<p>Natural England noted that the project should consider deposition of sandwave clearance within the same sediment type, that the monitoring timescales be explained and there is discussion on these going forward. Natural England queried the type of vessel to be used in shallow water if the 10m depth contour is beyond KP8.</p> <p>There has not been any response or agreement from the other meeting attendees aside from the Environment Agency and Natural</p>
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		<p>England. The Applicants can state that this has been discussed and the discussions will be ongoing where agreement has not been reached.</p>
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1.2.3 Marine mammals EWG

1.2.3.1 The programme of consultation for the Marine mammals EWG is outlined within Table 1.6 and full meeting minutes are included within Appendix C (document reference E5.1 Part 1 of 3 of 3).

1.2.3.2 Table 1.7 presents the agreement areas for the Marine mammals EWG members.

Table 1.6: Marine mammals EWG consultation held to date

Date	Participants	Focus of consultation
05 April 2023	The Applicants, RPS, Seiche, MMO, Natural England, Cefas	<ul style="list-style-type: none"> • Introduction to transmission assets • Programme and Key Milestones • Purpose of and overview of Evidence plan process <ul style="list-style-type: none"> • Approach to Marine Mammals baseline and initial findings <ul style="list-style-type: none"> • Assessment approach • Proposed densities • Underwater sound methodology <ul style="list-style-type: none"> • Discussion and next steps
01 August 2023	The Applicants, RPS, Seiche, MMO, Natural England, Cefas, Wildlife Trust	<ul style="list-style-type: none"> • Project updates • Feedback and actions from EWG01 • Marine mammal Assessment - Initial assessment outputs <ul style="list-style-type: none"> • Permanent Threshold Shift (PTS) ranges • Behavioural effects noise contours • Mitigation considerations • UXO Clearance - PTS ranges • Cumulative effects • Discussion and next steps
08 February 2024	The Applicants, RPS, Seiche, MMO, Wildlife Trust, Natural England, Cefas	<ul style="list-style-type: none"> • Project update • Project Parameter Refinements post-PIER • Marine Mammal <ul style="list-style-type: none"> • S42 responses • LSE Screening • Discussion and Next Steps

Table 1.7: Meeting Summary for Marine Mammals EWG

Issues Agreed	Issues under discussion	Summary of Progress
05 April 2023		
<p>Natural England were the only attendee to respond to the request for agreement on the issues listed in the following row of the table. Natural England broadly agreed to the approaches of the baseline characterisation, marine mammals assessment, scoping of impacts and the approach to noise assessment that were presented.</p>	<p>"The following issues were raised in the meeting and subsequently under discussion with key stakeholders:</p> <p>The Applicants are seeking to agree the approach to baseline characterisation for marine mammals, specifically Management Units and densities.</p> <p>The Applicants are seeking to agree the approach to assessment for marine mammals</p> <p>The Applicants are seeking agreement on the scoping of impacts for marine mammals</p> <p>The Applicants are seeking agreement on the approach to the noise assessment for marine mammals</p> <p>The Applicants are seeking agreement on the approach to the methods for LSE screening for marine mammals "</p>	<p>The Applicants have only had a response from Natural England, no further responses from other stakeholders have been received. The matters arising from consultation that have not been agreed with the remaining stakeholders will continue to be discussed where agreement has not yet been reached.</p>
01 August 2023		
<p>"Natural England responded to the seeking of agreement for the approach to the CEA and the projects included by stating they understand the approach being taken for the CEA for Morgan and Morecambe Transmission Assets. However, Natural England noted they retain concerns associated with stranded assets during the consenting process.</p>	<p>"The following issues were raised in the meeting and subsequently under discussion with key stakeholders:</p> <p>The Applicants are seeking agreement on the approach to the CEA, including projects included.</p> <p>The Applicants are seeking agreement with respect to defining the mitigation zone using the dual metric approach"</p>	<p>The Applicants have only had a response from Natural England, no further responses from other stakeholders have been received. The matters arising from consultation that have not been agreed with the remaining stakeholders will continue to be discussed where agreement has not yet been reached.</p>

<p>On the issue of defining the mitigation zone using the dual approach, Natural England responded stating that ADD should not be included in the underwater noise modelling to predict impact ranges and that the predicted impact ranges for PTS without ADDs should be used to determine the appropriate duration of ADD with the purpose to deter marine mammals from the full extent of the PTS zone. They stated that Natural England supports the use of dual metrics to assess the impact of piling.</p> <p>The Applicants agreed with both responses to the seeking of agreement to the two issues noted below. "</p>		
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08 February 2024

<p>"Natural England responded to the request for agreement on the following.</p> <p>~ Natural England agrees with the proposed approach to the LSE screening as discussed in EWG03</p> <p>~ Natural England agrees with the proposed approach for scoping of SACs for harbour porpoise and grey seals."</p>	<p>"The following issues were raised in the meeting and subsequently under discussion with key stakeholders:</p> <p>LSE Screening: the Applicants are seeking agreement on the approach for determining LSE on European sites with Annex II marine mammal features is appropriate and that all the relevant sites and impact pathways have been identified.</p> <p>Baseline Characterisation: We are seeking agreement that the baseline characterisation for marine mammals is appropriate for the purposes of the EIA and HRA (based on the PEIR and agreed updates discussed at EWG03).</p> <p>CEA Approach: We are seeking agreement that the list of projects screened into the CEA in the EIA and the in-combination assessment in the HRA are appropriate.</p> <p>Conclusions: We are seeking agreement that there will be no adverse effects on</p>	<p>The Applicants have only had a response from Natural England, no further responses from other stakeholders have been received. The matters arising from consultation that have not been agreed with the remaining stakeholders will continue to be discussed where agreement has not yet been reached.</p>
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	<p>integrity for SACs designated for marine mammals for any impacts for the project alone or in combination.</p> <p>Conclusions: We are seeking agreement that for all impacts, no significant effects in EIA terms on marine mammal receptors are predicted for the project alone and cumulatively.</p> <p>Conclusions: We are seeking agreement that measures adopted as part of the project (as set out in Table 4.13 of the PEIR) are appropriate and agreed to ensure significant effects are avoided."</p>	
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1.2.4 Evidence Plan Offshore ornithology EWG

- 1.2.4.1 The programme of consultation for the Offshore Ornithology Expert Working Group (EWG) is outlined within Table 1.8 and full meeting minutes are included within Appendix D (document reference E5.1 Part 1 of 3).
- 1.2.4.2 Table 1.9 presents the agreement areas for the Offshore ornithology EWG members.

Table 1.8: Offshore ornithology EWG consultation held to date

Date	Participants	Focus of consultation
01 June 2023	The Applicants, RPS, Niras, RPSB, MMO, Natural England	<ul style="list-style-type: none"> • Introduction to the Transmission assets • Programme and key milestones • Purpose of and overview of Evidence Plan Process <ul style="list-style-type: none"> • EWG Approach to Agreement • Indicative Meeting Programme • Ways of Working • Offshore Ornithology <ul style="list-style-type: none"> • Initial Baseline • Approach to assessment • Discussion and Next Steps
02 August 2023	The Applicants, RPS, Niras, RPSB, MMO, Natural England	<ul style="list-style-type: none"> • Project update • Offshore Ornithology <ul style="list-style-type: none"> • Initial assessment outputs • CEA approach • Discussion and Next Steps

Date	Participants	Focus of consultation
06 February 2024	The Applicants, RPS, Niras, MMO, Natural England	<ul style="list-style-type: none"> • Project update • Project Parameter Refinements post-PIER • Offshore Ornithology <ul style="list-style-type: none"> • s42 responses • Discussion and Next Steps

Table 1.9: Meeting Summary for Offshore Ornithology EWG

Issues Agreed	Issues under discussion	Summary of Progress
01 June 2023		
<p>Natural England responded to the request for agreement on the following.</p> <p>Natural England support approach to baseline contextualisation using site-specific data and contextualisation from wider reports.</p> <p>Natural England broadly agree with the approach to LSE screening.</p>	<p>The following issues were raised in the meeting and subsequently under discussion with key stakeholders:</p> <p>The Applicants are seeking agreement on the approach to the baseline characterisations.</p> <p>The Applicants are seeking agreement on the approach to the LSE screening assessment.</p> <p>The Applicants are seeking agreement on the approach to the Environmental Impact Assessment.</p> <p>The Applicants are seeking agreement on the scoping of impacts.</p>	<p>Natural England state their view that further information is required to provide reasoning as to why certain species are not included in the assessment and LSE lists.</p> <p>Natural England note that if collision risk is to be scoped out of the assessment, this decision should be explained with regard to OSP lighting and species potentially attracted to lighting.</p> <p>Note that all surface piercing infrastructure has since been removed from the project design envelope.</p>
02 August 2023		
	<p>The following issues were raised in the meeting and subsequently under discussion with key stakeholders:</p> <p>The Applicants are seeking agreement with respect to initial assessment approach and outputs.</p> <p>The Applicants are seeking agreement on approach to CEA, including projects included."</p>	<p>NE followed up by providing the Applicants with relevant up to date survey data that has been used to inform assessments.</p>

06 February 2024

<p>Natural England responded and broadly agreed to the approach presented for determining LSE NE concluded screening and broadly agreed with baseline characterisation for offshore ornithology.</p> <p>Natural England agrees to the approach for the CEA but notes that a 2km buffer should be used around the cable laying vessel</p>	<p>The following issues were raised in the meeting and subsequently under discussion with key stakeholders:</p> <p>LSE Screening: the Applicants are seeking agreement on the approach for determining LSE on European sites with SPAs and the designated offshore ornithological features is appropriate and that all the relevant sites and impact pathways have been identified.</p> <p>Baseline Characterisation: We are seeking agreement that the baseline characterisation for offshore ornithology is appropriate for the purposes of the EIA and HRA (based on the PEIR and agreed updates discussed at EWG03).</p> <p>CEA Approach: We are seeking agreement that the list of projects screened into the CEA in the EIA and the in-combination assessment in the HRA are appropriate.</p> <p>Conclusions: We are seeking agreement that there will be no adverse effects on integrity for SPAs designated for offshore ornithological features for any impacts for the project alone or in combination.</p> <p>Conclusions: We are seeking agreement that for all impacts, no significant effects in EIA terms on offshore ornithology receptors are predicted for the project alone and cumulatively.</p> <p>Conclusions: We are seeking agreement that measures adopted as part of the project (as set out in Table 5.17 of the PEIR) are appropriate and agreed to ensure significant effects are avoided."</p>	<p>NE subsequently confirmed that there would be not likely AEOI on the Liverpool Bay SPA alongside a desire to reduce any potential impacts.</p> <p>Ongoing discussions in respect of both this and the Ribble and Alt Estuaries SPA and Ramsar site are recorded in section 1.2.5.</p>
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1.2.5 Onshore ecology, onshore and intertidal ornithology EWG

- 1.2.5.1 The programme of consultation for the Onshore ecology, onshore and intertidal ornithology EWG is outlined within Table 1.10 and full meeting minutes are included within Appendix G (document reference E5.1 Part 2 of 3).
- 1.2.5.2 Table 1.11 presents the agreement areas for the Onshore ecology, onshore and intertidal ornithology EWG members.

Table 1.10: Onshore ecology, onshore and intertidal ornithology EWG consultation held to date

Date	Participants	Focus of consultation
23 March 2023	The Applicants, RPS, Natural England, RSPB, Local Planning Authorities, Environment Agency	<ul style="list-style-type: none"> • Introductions • Overview of the Transmission Assets project • Programme • Overview of Evidence Plan Process and Expert Working Groups • Onshore Route Planning and Site Selection • Scoping Opinion and Summary of Impacts • Onshore Ecology • Onshore and Intertidal Ornithology • Next Steps and AOB
13 September 2023	The Applicants, RPS, Natural England, Local Planning Authorities, Environment Agency	<ul style="list-style-type: none"> • Introductions. • Programme update. • Non-statutory consultation. • Site selection update. • EWG 1 recap. • Assessment update: Baseline and preliminary findings; <ul style="list-style-type: none"> • Methodology for construction scenarios; • Assessment update; • Approach to cumulative assessment • Initial identification of mitigation • Next steps
18 December 2023	The Applicants, RPS, Natural England, RSPB, Environment Agency	<ul style="list-style-type: none"> • Introductions. • Programme update. • Consultation. • Site selection update. • Biodiversity Net Gain: <ul style="list-style-type: none"> • >Overview; • >Agreement on methodology; • >Baseline; and • >Existing schemes and projects for collaboration. • AOB/ Next steps

Date	Participants	Focus of consultation
26 January 2024	The Applicants, RPS, Greater Manchester Ecology Unit, Fylde Borough Council, Environment Agency, Natural England	<ul style="list-style-type: none"> • Introductions • Programme update • Statutory consultation • Site selection update • EWG 1 and 2 recap • Agreement log review • Section 42 responses • Survey update (and strategy) • Commitments and mitigation • Wider application documents • Next steps (next meeting)
31 May 2024	The Applicants, RPS, Natural England, Environment Agency	<ul style="list-style-type: none"> • Introductions • Programme update • Site selection update • EWGs recap • Agreement log review • Survey update (and strategy) • Next steps (next meeting)
19 June 2024	The Applicants, RPS, Natural England, Environment Agency, RSPB, Preston City Council, Greater Manchester Ecology Unit	<ul style="list-style-type: none"> • Introductions • Programme update • Site selection update • Intertidal works • Survey update • Summary of mitigation strategy • Reducing adverse effects • Pre-construction surveys • Monitoring of proposed mitigation areas • Next steps
27 June 2024	The Applicants, RPS, Environment Agency, RSPB, Greater Manchester Ecology Unit	<ul style="list-style-type: none"> • Introductions • Programme update • Site selection update • Landfall works • Survey update • Summary of mitigation strategy • Reducing adverse effects • Pre-construction surveys • Monitoring of proposed mitigation areas • Next steps.

Table 1.11 Meeting Summary for Onshore ecology, onshore and intertidal ornithology EWG

Issues Agreed	Issues under discussion	Summary of Progress
23 March 2023		
	<p>Seeking to agree with EWG members that red squirrel, brown hare, and dormice can be scoped out</p> <p>Seeking to agree with EWG members the use of DLL approach for GCN, and no further surveys required</p> <p>Natural England will provide comments from their newt expert regarding the approach to the GCN surveys and DLL approach</p> <p>Future changes to Ancient Woodland inventory</p> <p>Ecology team to provide survey methodology document. Seeking to agree survey coverage and effort for all species, particularly for reptiles and bats – EWG to review methodology pack.</p>	<p>No feedback on these matters requiring further discussion.</p> <p>NE subsequently confirmed no objection in principle to DLL.</p> <p>Survey methodologies issued for follow up discussion.</p>
13 September 2023		
<p>Overarching survey methodologies agreed.</p>	<p>Feedback provided by participants on survey methodologies.</p> <p>Tameside advisor to the local planning authorities to provide feedback on mitigation sites in the wider area, following receipt of shapefile from RPS.</p> <p>Natural England to pass proposed BNG outline methodology and discussion points onto the terrestrial planning team at Natural England for comment</p> <p>Ancient woodland inventory updates</p> <p>Applicants to provide a summary of the trenching and trenchless methodologies around the landfall at the next EWG.</p> <p>Peatland restoration schemes of Heysham Moss and Winmarligh Moss.</p>	<p>Post EWG Update to reptile and bat survey methodologies provided by the Applicants following NE feedback.</p> <p>Post EWG update to water vole survey methodology following EA feedback.</p>

18 December 2023		
Proposed approach to biodiversity benefit (via post EWG correspondence)	<p>Attendees (specifically Natural England) to feedback on the approach to biodiversity benefit.</p> <p>Feedback received from members on the need for greater detail on use of trenchless cable installation techniques.</p> <p>Attendees invited to send through all schemes of relevance that the project could look to collaborate with.</p>	<p>Post EWG Technical note on biodiversity benefit issued following NE feedback.</p> <p>Commitments made regarding minimum depths under main rivers.</p>
26 January 2024		
Survey coverage for application.	Section 42 responses	Post EWG follow up on ecological survey coverage provided in a Technical Note.
The use of trenchless cable installation techniques.	Attendees to feedback on the approach to biodiversity benefit. Survey coverage	
31 May 2024		
Minor updates to survey methodologies following PEIR feedback.	<p>Detail to be provided on the scoping and coverage of the water vole surveys at the next EWG. This is in response to the expectation that more water vole sightings would have been expected.</p> <p>The Project to issue the updated survey methodologies</p> <p>The Project to issue the survey coverage note.</p>	
19 June 2024		
	<p>An update on the site selection and refinements to the Project's design envelope at landfall.</p> <p>Outlining of the proposed onshore and intertidal ornithology mitigation in order to address concerns regarding potential adverse effects on integrity in relation to the Ribble and Alt Estuaries SPA, Ribble and Alt Estuaries and Liverpool Bay SPA.</p>	

27 June 2024

	<p>Outlining of the proposed onshore terrestrial ecology mitigation strategy including provision of temporary mitigation at Lea Marsh and Moss Side. Permanent mitigation was also provided.</p> <p>Update on site selection and refinements to the Project’s design envelope within the Onshore Order Limits.</p> <p>Detailed presentation of landfall works including the use of trenchless techniques, outline of broad construction activity durations and</p>	<p>NE subsequently confirmed that at the point of the EWG there was in sufficient information to conclude no AEOI on the Ribble and Alt Estuaries SPA and Ramsar, and Liverpool Bay SPA.</p> <p>NE requested additional technical information which the Applicants have included in the ES and ISAA. Key information has been extracted into a detailed technical note from NE to address the perceived information gaps.</p> <p>Engagement ongoing.</p>
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1.2.6 Onshore historic environment EWG

- 1.2.6.1 The programme of consultation for the onshore historic environment EWG is outlined within Table 1.12 and full meeting minutes have been included within Appendix H (document reference E5.1 Part 2 of 3).
- 1.2.6.2 Table 1.13 presents the agreement areas for the onshore historic environment EWG members.

Table 1.12 Onshore historic environment EWG consultation held to date

Date	Participants	Focus of consultation
18 January 2023	The Applicants, RPS, Historic England, Lancashire County Council	<ul style="list-style-type: none"> • Introductions • Overview of the Transmission Assets project • Programme • Overview of Evidence Plan Process • Roles and Responsibilities • Overview of Evidence Plan Steering Group • Overview of Expert Working Groups • Progress to agreement • Onshore Historic Environment – Proposed Survey Scopes and Methodology • AOB

Date	Participants	Focus of consultation
09 August 2023	The Applicants, RPS, Historic England, Lancashire County Council	<ul style="list-style-type: none"> • Introductions • Programme update • Non-statutory consultation • Site selection update • Assessment update: <ul style="list-style-type: none"> • Baseline and preliminary findings; • Methodology for construction scenarios; • Approach to cumulative assessment • Initial identification of mitigation; and • Next steps
08 February 2024	The Applicants, RPS, Historic England, Lancashire County Council	<ul style="list-style-type: none"> • Introductions • Programme update • Site selection update • EWG 1 and 2 recap • Agreement log review • Statutory consultation • Section 42 responses • Survey update (and strategy) • Commitments and mitigation • Wider application documents if relevant • Next steps (next meeting)

Table 1.13 Meeting summary for the Onshore historic environment EWG

Issues Agreed	Issues under discussion	Summary of Progress
18 January 2023		
<p>Study area with a 500 m buffer to be used for HER data collection. Data to be filtered as appropriate. To be discussed as subsequent meetings.</p> <p>Geoarchaeological deposit modelling in conjunction with topographical surveys in order to identify areas of interest.</p>	<p>The topics listed above were discussed and broadly agreed upon by the stakeholders, no further items for discussion were highlighted.</p>	<p>Stakeholders are engaged with the issues under discussion.</p>

09 August 2023		
<p>Consultees agreed with the proposed approach to agreeing trial trenching, which will be agreed in sections and geophysical surveys are progressed.</p>	<p>Send and review baseline survey reports and agree on the proposed locations for the core samples</p> <p>Discussion will then be had on the need for further surveys to be completed by the Project, regarding the solar farm development, at Higher Ballam, in proximity to the LA41 archaeological finds.</p> <p>The proposed locations for trial trenches were presented.</p>	<p>Trial trench survey scope and locations agreed.</p>
08 February 2024		
<p>Specification is no longer required for the desk-based assessment</p> <p>The use of the geophysical surveys as a proxy for the site walkover was agreed to as long as this can be evidenced. It was noted that there may still be gaps, but as much of the route should be covered.</p>	<p>Redrafting the desk-based assessment</p> <p>Survey coverage</p> <p>The release of the PEIR data</p> <p>The onshore WSI</p>	<p>Final study areas agreed with Historic England and relevant local authority advisors.</p> <p>The use of the geophysical surveys as a proxy for the site walkover was agreed to as long as this can be evidenced. It was noted that there may still be gaps, but as much of the route should be covered.</p> <p>Engagement ongoing regarding further post consent geophysical and trial trenching.</p>

1.2.7 Traffic and transport EWG

- 1.2.7.1 The programme of consultation for the onshore traffic and transport EWG is outlined within Table 1.14 and full meeting minutes have been included within Appendix I (document reference E5.1 Part 2 of 3).
- 1.2.7.2 Table 1.15 presents the agreement areas for the Traffic and transport EWG members.

Table 1.14 Traffic and transport EWG consultation held to date

Date	Participants	Focus of consultation
16 March 2023	The Applicants, RPS, National Highways, RHDHV, Spatial planner Lancashire region, Lancashire County Council	<ul style="list-style-type: none"> • Introductions • Overview of the Transmission Assets project • Programme • Overview of Evidence Plan Process • Expert Working Groups • Onshore Route Planning and Site Selection • Transport Assessment • Initial Traffic and Transport Study Area • Forecast baseline traffic flows and other new road schemes • Environmental Impact Assessment and Transport Assessment • Offshore Impacts (Generation Assets) • Onshore Access Strategy • LCC Highways Projects • Next Steps and AOB
12 September 2023	The Applicants, RPS, National Highways, Lancashire County Council	<ul style="list-style-type: none"> • Introductions. • Programme update. • Non-statutory consultation. • Site selection update. • EWG 1 recap. • Assessment update: <ul style="list-style-type: none"> • Baseline and preliminary findings; • Methodology for construction scenarios; • Assessment update; • Approach to cumulative assessment • Initial identification of mitigation • Next steps
15 August 2024	The Applicants, RPS, National Highways, Lancashire County Council, WSP, Preston City Council	<ul style="list-style-type: none"> • Introductions • Programme update • Site selection update • Project Update • Baseline updates since PEIR • Evolution of the project • Transport assessment & EIA • Mitigation

Table 1.15 Meeting Summary for traffic and transport EWG

Issues Agreed	Meeting actions	Summary of Progress
16 March 2023		
<p>Review of the existing traffic modelling for the schemes currently under construction to be undertaken, once this is provided by LCC, so that a methodology for the calculation of the future year baseline can be provided and agreed.</p> <p>A Transport Assessment Scoping Report will be prepared for agreement.</p> <p>Initial traffic and transport study area to be further discussed once liaison with representative from Blackpool City Council has been completed.</p>	<p>GR to provide any further comments from LCC on the scoping report.</p> <p>DA to discuss study area regarding A584, B5261 and M55 to Heyhouses link with Blackpool Council representative and identify proposed methodology for establishing baseline flows. This will be completed once a contact at Blackpool Council has been provided.</p> <p>ST to provide google earth mapping with access points if requested.</p> <p>ST to contact Neil Stevens regarding access at the M55 Heyhouses Link Road for any initial comments. This will be completed once the construction traffic flows have been shared with LCC.</p> <p>ST to liaise with Neil Stevens regarding temporary access track (point 69). This will be completed once the construction traffic flows have been shared with LCC.</p> <p>ST to provide figures detailing potential access points alongside meeting minutes.</p> <p>AS to contact Neil Stevens to request detailed plans of relevant LCC highways projects</p> <p>AS to request modelling reports from LCC in order to provide methodology for approach to modelling.</p> <p>Post-meeting note: AS requested appropriate contact at Blackpool Council. "</p>	<p>The impact of additional vehicle movements on the LRN and SRN relating to the onshore and intertidal elements during the operation and maintenance and decommissioning stages of the Transmission Assets have been scoped out as agreed with National Highways and LCC.</p> <p>The impact of additional vehicle movements on the LRN and SRN relating to the offshore elements have been scoped out by agreement.</p>
12 September 2023		
<p>Attendees agreed with the approach to the PEIR and associated assessment including the addition of the highways option.</p>	<p>LCC to provide modelling reports as agreed during EWG1 and discussed again during EWG2.</p> <p>DA to continue liaison with Blackpool Council regarding the extension to the study area and the updated redline boundary.</p>	<p>Traffic modelling for new road schemes was not made available to the Applicants.</p>

	<p>GR to provide details of a colleague who will be able to provide data for modelling input. Noted that this is Neil Stevens.</p> <p>LM to distribute the slides and associated figures for comment.</p> <p>EWG to provide comments on the information pack sent out following the EWG, specifically regarding the construction traffic flows across the SRN and to highlight key routes/junction of concern. "</p>	<p>No response received regarding traffic flows and routes presented.</p>
15 August 2024		
<p>To follow up on emails from NS</p> <p>To engage with NS going forward</p>	<p>Issues under discussion:</p> <p>Circulate PowerPoint Presentation</p> <p>Circulate access route maps</p> <p>To raise commitment regarding working around sensitive areas.</p> <p>CTMP to contain detail on sensitive areas e.g. schools</p> <p>To raise weekend working</p> <p>Consideration of seasonal traffic in assessment</p>	<p>Management measures set out in OCTMP as part of the Application.</p>

1.2.8 Noise and vibration, and air quality EWG

- 1.2.8.1 The programme of consultation for the Noise and vibration EWG is outlined within Table 1.16 and full meeting minutes have been included within Appendix J (document reference E5.1 Part 2 of 3).
- 1.2.8.2 Table 1.17 presents the agreement areas for the Noise and vibration, and air quality EWG members.

Table 1.16 Noise and vibration, and air quality EWG consultation held to date

Date	Participants	Focus of consultation
21 April 2023	The Applicants, RPS, Blackpool council, Fylde Council	<p>In this meeting, both onshore and offshore noise and vibration topics were discussed.</p> <ul style="list-style-type: none"> • Introductions • Overview of the Transmission Assets project • Programme • Overview of Evidence Plan Process and Expert Working Groups • Onshore Route Planning and Site Selection • Noise and vibration; <ul style="list-style-type: none"> • Baseline surveys; • operational noise impact assessment methodology; and • construction noise and vibration impact assessment methodology. • Next steps and AOB
09 February 2024	The Applicants, RPS, Fylde Council	<p>In this meeting, both onshore and offshore noise and vibration topics were discussed.</p> <ul style="list-style-type: none"> • Section 42 responses • Assessment update • Commitments and mitigation • Wider application documents
18 July 2024	The Applicants, RPS, Fylde Council	<p>In this meeting, both onshore and offshore noise and vibration topics were discussed.</p> <ul style="list-style-type: none"> • Introductions • Programme update • Project Update • Site selection update • Assessment Update – Baseline • Assessment Update – Natural Tranquillity • Assessment Update – Operational Noise • Questions for Discussion

Table 1.17 Meeting summary for noise and vibration, and air quality EWG

Issues Agreed	Meeting actions	Summary of Progress
21 April 2023		
Receptors located within 300 m of the onshore	DK and NT to confirm the proposed survey locations and methodology are suitable and no further locations are required.	Note that no surface piercing infrastructure and

<p>cable corridor to be considered.</p> <p>Where piling is required receptors located within 20 km of the offshore elements will be considered.</p> <p>The assessment will consider vibration sensitive receptor within 100 m of piling activities.</p> <p>The baseline sound survey and associated monitoring locations.</p>	<p>DK and NT to confirm if there are any local requirements for consideration as part of the noise and vibration assessment.</p> <p>AS / LA are to engage with United Utilities to discuss their assets and how these are to be considered.</p> <p>DK and NT to confirm the study areas for noise and vibration assessment are acceptable, including those which have been altered from that proposed within the EIA Scoping Report.</p> <p>AS to provide higher resolution survey location mapping alongside the meeting minutes.</p>	<p>therefore no piling/vibration assessment is required.</p>
<p>09 February 2024</p>		
<p>Fylde agreed that the assessment approach was thorough and that they were happy with this for the ES.</p>	<p>Assessment approach and survey locations presented for discussion.</p>	<p>Survey locations agreed however post EWG additional locations were identified and provided to LPAs.</p>
<p>18 July 2024</p>		
<p>NA</p>	<p>AT to submit noise assessment on GI works at recreation ground and airport to DK and the Council once complete.</p>	<p>GI works outside scope of this application.</p> <p>Engagement ongoing.</p>

1.2.9 Hydrology and flood risk EWG

- 1.2.9.1 The programme of consultation for the Hydrology and flood risk EWG is outlined within Table 1.18 and full meeting minutes have been included within Appendix K (document reference E5.1 Part 3 of 3).
- 1.2.9.2 Table 1.19 presents the agreement areas for the Hydrology and flood risk EWG members.

Table 1.18 Hydrology and flood risk EWG consultation held to date

Date	Participants	Focus of consultation
03 May 2024	The Applicants, RPS, Blackpool council, Lancashire County Council, Environment Agency	<ul style="list-style-type: none"> • Introductions • Overview of the Transmission Assets project • Programme • Overview of Evidence Plan Process • Expert Working Groups. • Hydrology and Flood Risk <ul style="list-style-type: none"> • Scoping Opinion • Constraints Work • Flood Risk Assessment • Conceptual Drainage • Methodologies (including for crossings) • Preston and South Ribble Flood Risk Management Scheme • Next Steps and AOB
10 August 2024	The Applicants, RPS, Blackpool council, Lancashire County Council, Environment Agency	<ul style="list-style-type: none"> • Introductions • Programme update • Non-statutory consultation • Site selection update • Assessment update • Baseline and preliminary findings • Methodology for construction scenarios <ul style="list-style-type: none"> • Assessment update. • Approach to cumulative assessment. • Initial identification of mitigation • Next Steps and AOB
30 January 2024	The Applicants, RPS, Lancashire County Council, Environment Agency	<ul style="list-style-type: none"> • Introductions • Programme update • Project update following design freeze • Site selection update • EWG 1 and 2 recap • Statutory consultation • Section 42 responses • Assessment update – focus on agreeing climate change scenarios and data sets for ES • Commitments and mitigation • Wider application documents • Next steps

1.2.9.3 Following on from the engagement which had been undertaken as part of the Hydrology EWG, the Applicants held a technical engagement meeting on 14 August with the Environment Agency regarding their comments on the Flood Risk Assessment (document reference F3.2.3).

Table 1.19 Meeting summary for the Hydrology and flood risk EWG

Issues Agreed	Issues under discussion	Summary of Progress
03 May 2024		
<p>Peak rainfall intensity agreed for use in conceptual calculations.</p>	<p>AW to issue the ToR alongside the meeting minutes.</p> <p>CNB to provide timescales for the SFRA and whether this data can be shared with the project team.</p> <p>ALM to review the link provided by CD and liaise directly should there be any areas of interest for additional data.</p> <p>The project team to liaise with Central Lancashire to determine if more up to date data is available from the work completed to update the SRFA.</p> <p>LL to confirm whether the EA Product 6 data is to be updates and, if so, when this is anticipated. LL also to provide a direct contact to liaise with on queries related to this data.</p> <p>LB to confirm whether the Flood Risk Management Plan (FRMP) for North-West and the Preliminary Flood Risk Assessment (PRFA) for Preston is Penwortham specific.</p> <p>ALM to confirm the climate change allowance to be used as part of the assessment once further detail on the flood model date is provided (ACTION 5).</p> <p>Wording for the draft order to be brought to the next EWG and to seek feedback prior to PEIR.</p> <p>Indication of compounds to be presented in the next EWG.</p> <p>LL to confirm whether the recent changes to how essential infrastructure needs to consider the exceptions test requires any further work.</p>	<p>EA follow regarding Product 6 data and climate change allowance for EA fluvial flood model.</p>
10 August 2024		
	<p>The EA to investigate that missing data and climate change allowances used in models and to provide an update on this.</p> <p>JM to contact South Ribble Borough Council at the provided email address to seek confirmation that no council are wide mapping</p>	<p>Product 5 and 6 data obtained by the Applicants.</p>

	<p>is available and to request missing maps that were not provided with the original data request.</p> <p>LL to send EA legal wording regarding protected provisions</p> <p>The Project to review possibility of sending out shapefile of the Transmission Assets Red Line Boundary following PEIR submission.</p> <p>The Project to review possibility of sending out borehole data.</p>	
30 January 2024		
	<p>Technical note on climate change scenarios, data sets and models to be used and HDD depth to be produced and issued to attendees.</p> <p>LB to contact colleague regarding joint SFRA and provide feedback.</p> <p>EA to provide feedback on the technical note following issue.</p> <p>JM to following up with South Ribble Council regarding mapping</p>	
14 August 2024		
<p>Agreement that a figure resolution of 100 m would be acceptable for the FRA.</p>	<p>Environment Agency (ED) to take this H++ approach away for discussion and will provide comment prior to the FRA submission</p> <p>RPS to determine if models are suitable.</p> <p>Environment Agency (ED) to take this approach away for feedback as this is not a common approach. It was noted however that the approach did appear to make sense.</p> <p>Environment Agency (ED) to take away the climate change uplift approach for both construction and operation and to provide comment.</p> <p>ED to take approach to cable depth away for discussion and to provide comment.</p>	<p>No feedback received at the point of application.</p>

1.3 Engagement forums

1.3.1 Marine Navigation Engagement Forum

1.3.1.1 The programme of consultation for the Marine navigation engagement forum is outlined within Table 1.20 and full meeting minutes have been included within Appendix E (document reference E5.1 Part 1 of 3).

1.3.1.2 Table 1.21 presents the agreement areas for the Marine Navigation Engagement Forum members.

Table 1.20 Marine Navigation Engagement Forum consultation held to date

Date	Participants	Focus of consultation
18 January 2023	The Applicants, RPS, NASH Maritime, Cruising Association, RWE, Royal Haskoning DHV, SWFPA, Cairn Risk, IoM Department of Infrastructure, IS&EFPO, Northern Ireland Fish Producers' Organisation (NIFPO), Harbour Energy, IoM Steam Packet Company, MMO, MOD, MCA, Orsted, Port of Mostyn, Peel Ports, Royal Yachting Association, Seatruck Ferries, Spirit Energy, Stena Line, UK Chamber of Shipping,	<ul style="list-style-type: none"> • Update on the Morgan Offshore Wind Project: Generation Assets, Morecambe Offshore Windfarm: Generation Assets, Mona Offshore Wind Project and Transmission Assets Project • Shipping and navigation work undertaken to date • Environmental Impact Assessment process and Preliminary Environmental Information Report (PEIR) statutory consultation • Planned activities
24 May 2023	The Applicants, RPS, NASH Maritime, Stena Line	<ul style="list-style-type: none"> • Location of the Morgan Offshore Booster Station • Potential risk of allision
31 May 2023	The Applicants, RPS, NASH Maritime, Trinity House, Chamber of Shipping, MCA	<ul style="list-style-type: none"> • Location of the Morgan Offshore Wind Project offshore booster station • Potential impact to existing commercial routes, for example the dredger routes to/from Liverpool • Future project vessel numbers for Generation Assets to be considered within future traffic • Anchoring activity • Navigation simulations

Date	Participants	Focus of consultation
05 June 2023	The Applicants, RPS, NASH Maritime, Eni, Spirit Energy, Harbour Energy	<ul style="list-style-type: none"> • Increased level of activity in the area • Simultaneous operations (SIMOPS) and coexistence of users • Exclusion zones for ongoing oil and gas operations (as well as decommissioning) • Consideration of oil and gas activities within the vessel management plan • Ferry route deviations • Cumulative issues with the other offshore wind projects • Location of the Morgan Offshore Booster Station in relation to Calder and CPP1 platforms Radar Early Warning System, and preservation of line of sight • Bridging/liasing • Additional risk controls
06 June 2023	The Applicants, RPS, NASH Maritime, RYA	<ul style="list-style-type: none"> • Reduction in under keel clearance • Location of the Morgan Offshore Wind Project: Offshore booster station
07 June 2023	The Applicants, RPS, NASH Maritime, Seatruck Ferries, IoMSPC, Isle of Man Government, West Coast Sea Products, The Scottish White Fish Producers Association	<ul style="list-style-type: none"> • Cumulative impacts • Location of the Morgan Offshore Wind Project: Offshore booster station • Vessel traffic data • Consultation • Fishing activity

Table 1.21 Meeting summary for marine navigation engagement forum

Issues Agreed	Issues under discussion	Summary of Progress
18 January 2023		
Approach to assessment of effects in the context of Morgan Mona and Morecambe wind farm projects	<p>No formal agreements were discussed however the following ssues/concerns/matters were discussed within the MNEF meeting.</p> <p>The PDE, specifically turbine numbers and boundary coordinates.</p> <p>The planned activities by the Applicants relevant to the MNEF stakeholders.</p> <p>The changes to the project and the re-assessment based on these.</p>	No comments received that required to be addressed through the NRA.

24 May 2023		
	<p>No formal agreements were discussed however the following issues/concerns/matters were discussed within the MNEF meeting.</p> <p>The separation of the Transmission Assets following recommendation from the OTNR.</p> <p>Changes to the Generation Assets boundaries.</p> <p>Construction, relating to cable laying and the programme of construction.</p>	
31 May 2023		
	<p>No formal agreements were discussed however the following issues/concerns/matters were discussed within the MNEF meeting.</p> <p>Changes to order limits and boundaries for the Transmission Assets and Generation Assets.</p> <p>Vessel Traffic Analysis.</p> <p>Oil and gas operations.</p> <p>Impact and hazard identification.</p> <p>Booster station locations.</p> <p>Future traffic levels.</p> <p>Risk controls and Navigation simulations.</p>	<p>Noted that the risks associated with removal of the Morgan OWF booster station were no longer applicable.</p>
05 June 2023		
	<p>No formal agreements were discussed however the following issues/concerns/matters were discussed within the MNEF meeting.</p> <p>The worst-case scenario for the booster station.</p> <p>Spirit noted the future oil and gas activities such as the platform repurposing for carbon storage.</p> <p>Hazard scoring and cumulative issues.</p>	

	<p>location of the booster stations out of the array areas</p> <p>the micrositing and bridging plans were discussed.</p>	
06 June 2023		
	<p>No formal agreements were discussed however the following issues/concerns/matters were discussed within the MNEF meeting.</p> <p>The clearance and its adequacy for recreational craft.</p> <p>The charting guidance and lighting of the booster station in relation to recreational craft.</p>	
07 June 2023		
	<p>No formal agreements were discussed however the following ssues/concerns/matters were discussed within the MNEF meeting.</p> <p>Why the Mona project was not being discussed in the meeting and its impact on navigational safety.</p> <p>Locations of the booster stations</p> <p>Whether the NRA takes into account other data sources aside from AIS.</p> <p>Impact fishing area available to fishers.</p>	<p>Engagement with stakeholders ongoing</p>

1.3.2 Archaeology and Heritage Engagement Forum

- 1.3.2.1 The programme of consultation for the Archaeology and heritage engagement forum is outlined within Table 1.22 and full meeting minutes have been included within Appendix F (document reference E5.1 Part 2 of 3).
- 1.3.2.2 Table 1.23 presents the agreement areas for the Archaeology and heritage engagement forum members.

Table 1.22 Archaeology and heritage engagement forum consultation held to date

Date	Participants	Focus of consultation
5 June 2023	The Applicants, RPS, Marine Management Organisation, Historic England	<ul style="list-style-type: none"> • Introductions • Project overview from bp/EnBW • Roadmap overview from RPS • Presentation of the baseline and data analysis to be contained within the PIER technical report from RPS • Marine archaeology assessment approach • Discussion, next steps and questions
29 February 2024	The Applicants, RPS, Historic England	<ul style="list-style-type: none"> • Introductions • Project update from bp/EnBW • Post-PEIR project refinements • Marine archaeology Section 42 responses • Discussion and next steps"
20 August 2024	The Applicants, RPS, Historic England, Lancashire City Council, MMO	<ul style="list-style-type: none"> • Introductions • Project update from bp/EnBW • Marine Archaeology • Intertidal and Onshore Historic Environment • Discussion and next steps • Stakeholder questions

Table 1.23 Meeting summary for archaeology and heritage engagement forum

Issues Agreed	Issues under discussion	Summary of Progress
05 June 2023		
	<p>Discussion of MDS for the landfall with the archaeology team</p> <p>Confirmation of onshore AHEF programme and invitees.</p> <p>Historic England noted and raised points to be actioned by the Applicants regarding flexibility in correspondence timescales, clarification on what will be presented at PEIR and the consideration of irregular patterns when establishing AEZs.</p>	
29 February 2024		
The use of the geophysical surveys as a proxy for the site walkover was agreed	Historic England following a query from the Applicants confirmed that they would like the opportunity to provide feedback on the pre-	

<p>to as long as this can be evidenced. It was noted that there may still be gaps, but as much of the route should be covered.</p>	<p>application WSI if there was capacity within Historic England's resources.</p> <p>Historic England asks whether there will be a final AHEF meeting prior to the DCO application submission. The Applicants state that if the forum deems it beneficial it can be organised and take that as an action to organise a joint onshore/offshore AHEF.</p>	
<p>20 August 2024</p>		
<p>Final study area agreed</p>	<p>No formal agreements were discussed however the following issues/concerns/matters were discussed within the Steering group meeting.</p> <p>The availability of data post-consent and the need for 'common clause' between the Morgan and Morecambe projects.</p> <p>Historic England note they can recover the costs associated with the Examination Advisory Services under the amended Advisory Service Scheme. the Applicants requested this be discussed outside of the AHEF.</p>	

1.4 Other technical consultation

1.4.1 Commercial fisheries consultation

1.4.1.1 The programme of consultation for Commercial fisheries is outlined within Table 1.24 and full meeting minutes have been included within Appendix M (document reference E5.1 Part 3 of 3).

Table 1.24 Commercial fisheries consultation held to date

Date	Participants	Focus of consultation
29 June 2021	Individual fishers from Fleetwood and Maryport; Irish South and East Fish Producers Organisation (ISEFPO); Manx Fish Producers Organisation (MFPO); National Federation of Fisherman's Organisations (NFFO); Welsh Fishermen's Association (WFA); Western Fish Producers Organisation (WFPO); and Whitehaven Fishermen's Cooperative (WFC).	<ul style="list-style-type: none"> To introduce the Morgan Offshore Wind Project: Generation Assets. To provide fisheries stakeholders with an outline of the 2021 offshore survey programme and discussion of potential impacts on fisheries stakeholders.
24 June 2021	Scottish Fishermen's Federation (SFF); Scottish White Fish Producers Association (SWFPA); and West Coast Sea Products Ltd (WCSP).	<ul style="list-style-type: none"> To introduce the Morgan Offshore Wind Project: Generation Assets. To provide fisheries stakeholders with an outline of the 2021 offshore survey programme and discussion

		of potential impacts on fisheries stakeholders.
15 February 2022	MFPO, NFFO and WFC.	Meeting to update on programme and provide an outline of the planned 2022 offshore survey programme. To also describe the data being used to inform the assessment being undertaken for the: <ul style="list-style-type: none"> • Morgan Offshore Wind Project: Generation Assets • Transmission Assets.
14 February 2022	Anglo-North Irish Fish Producers Organisation (ANIFPO), Rederscentrale and WFPO.	Meeting to update on programme, and provide an outline of the planned 2022 offshore survey programme. To also describe the data being used to inform the assessment being undertaken for the: <ul style="list-style-type: none"> • Morgan Offshore Wind Project: Generation Assets • Transmission Assets.
14 February 2022	SFF, SWFPA and WCSP.	Meeting to update on programme, and provide an outline of the planned 2022 offshore survey programme. To also describe the data being used to inform the assessment being undertaken for the: <ul style="list-style-type: none"> • Morgan Offshore Wind Project: Generation Assets • Transmission Assets.
24 November 2022	Department of Environmental, Food and Agriculture (DEFRA) and MFPO	<ul style="list-style-type: none"> • Programme • Proposed grid connections • 2022 offshore survey activities completed • Planned 2023 offshore survey programme • Initial ideas on array layout • Morgan Offshore Wind Project: Generation Assets • Transmission Assets.
23 November 2022	SFF, WCSP and SWFPA	<ul style="list-style-type: none"> • Programme • Proposed grid connections • 2022 offshore survey activities completed • Planned 2023 offshore survey programme • Initial ideas on array layout • Morgan Offshore Wind Project: Generation Assets • Transmission Assets.
24 November 2022	Individual static gear operator from Fleetwood.	<ul style="list-style-type: none"> • Programme • Proposed grid connections • 2022 offshore survey activities completed • Planned 2023 offshore survey programme • Initial ideas on array layout • Morgan Offshore Wind Project: Generation Assets • Transmission Assets.

25 November 2022	Individual fishing operators from Conwy.	<ul style="list-style-type: none"> • Programme • Proposed grid connections • 2022 offshore survey activities completed • Planned 2023 offshore survey programme • Initial ideas on array layout • Morgan Offshore Wind Project: Generation Assets • Transmission Assets.
01 December 2022	ANIFPO, Northern Ireland Fish Producers' Organisation (NIFPO) and WFA	<ul style="list-style-type: none"> • Programme • Proposed grid connections • 2022 offshore survey activities completed • Planned 2023 offshore survey programme • Initial ideas on array layout • Morgan Offshore Wind Project: Generation Assets • Transmission Assets.
01 December 2022	Rederscentrale	<ul style="list-style-type: none"> • Programme • Proposed grid connections • 2022 offshore survey activities completed • Planned 2023 offshore survey programme • Initial ideas on array layout • Morgan Offshore Wind Project: Generation Assets • Transmission Assets.
02 December 2022	ISEFPO	<ul style="list-style-type: none"> • Programme • Proposed grid connections • 2022 offshore survey activities completed • Planned 2023 offshore survey programme • Initial ideas on array layout • Morgan Offshore Wind Project: Generation Assets • Transmission Assets.
May 2023	Individual fishing operators from Lytham.	Public consultation meetings relevant for the Transmission Assets.
19 September 2023	SWFPA and WCSP (SFF invited but did not attend).	<ul style="list-style-type: none"> • Latest project developments
19 September 2023	TN Trawlers.	<ul style="list-style-type: none"> • Status of the EIA / consenting process • To discuss key issues raised via consultation feedback on the Preliminary Environmental Information Report (PEIR) (Morgan Array only) • To provide an update on changes made to the project design and commitments based on consultation feedback • Morgan Offshore Wind Project: Generation Assets • Transmission Assets.

11 September 2023	MFPO and Isle of Man Government.	<ul style="list-style-type: none"> • Status of the EIA / consenting process • To discuss key issues raised via consultation feedback on the Preliminary Environmental Information Report (PEIR) (Morgan Array only) • To provide an update on changes made to the project design and commitments based on consultation feedback • Morgan Offshore Wind Project: Generation Assets • Transmission Assets.
11 September 2023	Rederscentrale.	<ul style="list-style-type: none"> • Status of the EIA / consenting process • To discuss key issues raised via consultation feedback on the Preliminary Environmental Information Report (PEIR) (Morgan Array only) • To provide an update on changes made to the project design and commitments based on consultation feedback • Morgan Offshore Wind Project: Generation Assets • Transmission Assets.
20 September 2023	NFFO, NFFO Services, Whitehaven Fishermen's Cooperative, P&M Fishing and the MMO.	<ul style="list-style-type: none"> • Status of the EIA / consenting process • To discuss key issues raised via consultation feedback on the Preliminary Environmental Information Report (PEIR) (Morgan Array only) • To provide an update on changes made to the project design and commitments based on consultation feedback • Morgan Offshore Wind Project: Generation Assets • Transmission Assets.
20 September 2023	Seafish and individual fishing operators from Blackpool.	<ul style="list-style-type: none"> • Status of the EIA / consenting process • To discuss key issues raised via consultation feedback on the Preliminary Environmental Information Report (PEIR) (Morgan Array only) • To provide an update on changes made to the project design and commitments based on consultation feedback • Morgan Offshore Wind Project: Generation Assets • Transmission Assets.
21 September 2023	Individual fishing operators from Conwy	<ul style="list-style-type: none"> • Status of the EIA / consenting process • To discuss key issues raised via consultation feedback on the

		<p>Preliminary Environmental Information Report (PEIR) (Morgan Array only)</p> <ul style="list-style-type: none"> To provide an update on changes made to the project design and commitments based on consultation feedback Morgan Offshore Wind Project: Generation Assets <p>Transmission Assets. Consultation meeting to update on:</p> <ul style="list-style-type: none"> Status of the EIA / consenting process To discuss key issues raised via consultation feedback on the Preliminary Environmental Information Report (PEIR) (Morgan Array only) To provide an update on changes made to the project design and commitments based on consultation feedback Morgan Offshore Wind Project: Generation Assets Transmission Assets.
04 October 2023	ANIFPO, ISEFPO, NIFPO	<ul style="list-style-type: none"> Status of the EIA / consenting process To discuss key issues raised via consultation feedback on the Preliminary Environmental Information Report (PEIR) (Morgan Array only) To provide an update on changes made to the project design and commitments based on consultation feedback Morgan Offshore Wind Project: Generation Assets Transmission Assets.
February 2024	North Western Inshore Fisheries and Conservation Authority (NWIFCA)	Engagement regarding intertidal cockle and mussel fishery data for the Transmission Assets.
18 June 2024	Individual fishing operators from Liverpool	<p>Consultation meeting – Project update for:</p> <ul style="list-style-type: none"> Morgan Offshore Wind Project: Generation Assets Transmission Assets.

Issues agreed

1.4.1.2 The following issues have been agreed with commercial fisheries stakeholders:

- Long-term data sets should be used where possible. Ten-year datasets have been obtained for landings and Vessel Monitoring System (VMS) data.
- Section of Transmission Assets is located within key queen scallop fishing grounds. Fishing activity feedback from consultees has been

presented within the baseline and considered in the assessment of effects.

- Baseline data used within the assessment has been agreed, in addition to agreement that cumulative impacts and impacts on fish stocks have been assessed in the appropriate chapters of the ES.
- Operations and maintenance coexistence; target burial depth of export cables is 1 m, or where burial not possible, cable protection used.
- Where there is a lack of data for <15 m vessels, multiple datasets have been used which capture <15 m vessels, in addition to consultations and surveys to understand <15 m activity in more detail.
- Offshore booster substation removed from design envelope.
- Spatial data for shellfish beds within study area have been obtained from NWIFCA and incorporated into the commercial fisheries technical report.

Issues under discussion

1.4.1.3 The following issues are under discussion with commercial fisheries stakeholders:

- An Outline Fisheries Liaison and Coexistence Plan is being developed, through ongoing consultation, which will make commitments, including a Construction Method Statement and a Cable Specification and Installation Plan (CSIP), designed to enable coexistence as far as possible. This Outline Fisheries Liaison and Coexistence Plan has been submitted with the Application (document reference J13).

Summary of progress

1.4.1.4 The Applicants have made a number of commitments to address coexistence of commercial fishing activity within the Transmission Assets Area, as a direct result of engagement with fisheries stakeholders. These commitments have been presented to fishing stakeholders and relevant measures will be secured through the Fisheries Liaison and Coexistence Plan (FLCP), for which an outline plan has been submitted as part of the application. The Outline FLCP will be shared with commercial fishing stakeholders for comment and the final plan will be developed with ongoing engagement between the Applicants and commercial fisheries stakeholders. An Outline Cable Specification and Installation Plan (CSIP) has been submitted with the Application (document reference J15).

1.4.2 Other sea users (asset owners)

1.4.2.1 The approach to other sea users consultation was to identify receptors within the east Irish Sea. A questionnaire was sent to the major oil and gas operators operating in the area (Eni UK Ltd., Harbour Energy Plc and Spirit Energy Ltd.). The description of the assets and operations of these key stakeholders informed the baseline of Volume 2, Chapter 9: Other sea users of the Environmental Statement (document reference F2.9), and therefore the impact assessment presented in the same chapter.

1.4.2.2 The programme of consultation undertaken specifically with relevant asset owners is outlined in Table 1.25.

Table 1.25 Other sea users (asset owners) consultation held to date

Date	Participants	Focus of consultation
19 June 2023	The Applicants, Harbour Energy Plc	<ul style="list-style-type: none"> • Introduction for Harbour Energy on the Projects in relation to the East Irish Sea assets and potential proximity agreements in the Irish Sea region. • Project update and previous and future survey activities. • Discussion on potential locations of substations and offshore booster station. • Discussion on the number of interactions with proximity and potential export cable corridor crossings. • Communication and coordination during construction and decommissioning. • Engagement and future meetings.
16 June 2023	The Applicants, BT	<ul style="list-style-type: none"> • Introduction for BT to the Projects in relation to the MT1 and ESAT 2 assets and required crossing / proximity agreements in the Irish Sea region. • Project update and previous and future survey activities. • Red line boundary for transmission and arrays shown during the meeting. • BT advised a proximity agreement is unlikely to be required for MT1 cable as the distance between any Morgan assets and the cable will be over 2km. • Discussion on the spacing for repairs and number of interactions and proximity and potential export cable corridor crossings. • Engagement and future meetings.
19 June 2023	The Applicants, Manx Utilities – Isle of Man (IOM) Interconnector Cable	<ul style="list-style-type: none"> • Update for Manx Utilities on the Projects in relation to the Manx Interconnector asset and potentially required crossing / proximity agreements in the Irish Sea region. • Project update and previous and future survey activities. • Indicative Red line boundary for transmission and arrays shown during the meeting. • Discussion on the spacing between cables for maintenance and potential export cable corridor crossings. • Discussed issuing a draft Crossing and Proximity Agreements for comment. • Engagement and future meetings.

Date	Participants	Focus of consultation
6 November 2023	The Applicants, Manx Utilities	<ul style="list-style-type: none"> • Overview of the Transmission Assets project and design • Morgan Generation assets are committed to ensuring foundations will be 1000m from existing interconnector; however, Morgan export cables may require to cross the interconnector • Manx highlighted that they are considering a second interconnector to be installed along similar timescales with further discussion required • Discussed resolution letter / letter of no objection for DCO application with draft Crossing and Proximity Agreements finalised pre-construction
9 November 2023	The Applicants, Virgin Media	<ul style="list-style-type: none"> • Overview of the Transmission Assets project and design • Virgin Media Sirius South makes up the southern boundary of the Transmission assets but we are looking to maintain minimum 500m of separation so nature of the interaction will be proximity • Discussed resolution letter / letter of no objection for DCO application with draft Crossing and Proximity Agreements finalised pre-construction
7 November 2023	The Applicants, BT Limited	<ul style="list-style-type: none"> • Overview of the Transmission Assets project and design • BT telecom cable lies 3+ km from northern boundary for Morgan, may require proximity agreement depending on final distance of the export cables from BT's telecom cable • Discussed resolution letter / letter of no objection for DCO application with draft Crossing and Proximity Agreements finalised pre-construction
8 November 2023	The Applicants, Harbour Energy and Spirit Energy	<ul style="list-style-type: none"> • Overview of the Transmission Assets project and design • Discussed the Morgan route options under consideration that route through and over some of Spirit and Harbours oil and gas infrastructure (avoids platforms but will need to cross pipelines regardless of which final route is selected) • Siting of booster station relevant to platforms and access • Design work is ongoing, and another meeting will be held in the new year to discuss any further design considerations • Discussed resolution letter / letter of no objection for DCO application with draft Crossing and Proximity Agreements finalised pre-construction

Date	Participants	Focus of consultation
30 November 2023	The Applicants, Vodafone	<ul style="list-style-type: none"> • Overview of the Transmission Assets project and design • With landfall at Lytham St Annes, up to six circuits will need to cross Lanis 1 telecom cable due to proximity of Lanis to Aquacomms and need to cross both, recommend future discussions occur jointly to ensure alignment of crossing agreements and technical specifications • Discussed resolution letter / letter of no objection for DCO application with draft Crossing and Proximity Agreements finalised pre-construction
6 December 2023	The Applicants, Manx Utilities	<ul style="list-style-type: none"> • Update on Transmission Assets programme • Overview of current position of Morgan cable routing and potential for crossing the existing Manx interconnector • Review of Manx technical requirements for crossing • Keep dialogue open on crossings and second interconnector
8 January 2024	The Applicants, Aquacomms	<ul style="list-style-type: none"> • Overview of the Transmission Assets project and design • With landfall at Lytham St Annes, up to six circuits will need to cross Havhingsten telecom cable • Due to proximity of Havhingsten to Vodafone's Lanis 1 and need to cross both, recommend future discussions occur jointly to ensure alignment of crossing agreements and technical specifications • Discussed resolution letter / letter of no objection for DCO application with draft Crossing and Proximity Agreements finalised pre-construction
28 February 2024	The Applicants, Harbour Energy, Spirit Energy	<ul style="list-style-type: none"> • Update provided on design changes as below and requirements for proximity and / or crossing agreements <ul style="list-style-type: none"> • Removal of OSPs and interconnectors from Transmission Asset application • Removal of the booster station • Focus is on export cable and crossings/proximity as required
06 March 2024	The Applicants, Harbour Energy, Spirit Energy	<ul style="list-style-type: none"> • Update on design changes and requirements for proximity and / or crossing agreements.

Date	Participants	Focus of consultation
8 March 2024	The Applicants, Manx Utilities	<ul style="list-style-type: none"> Dates TBC but will update interested third parties on design changes and requirements for proximity and / or crossing agreements <ul style="list-style-type: none"> Removal of OSPs and interconnectors from Transmission Asset application Removal of the booster station Focus is on export cable and crossings/proximity as required
7 August 2024	The Applicants, Aquacomms	<ul style="list-style-type: none"> Update on design changes and requirements for proximity and / or crossing agreements.

1.4.2.3 Engagement is ongoing in relation to any necessary crossing and proximity agreements.

1.4.3 Landscape and visual assessment

The programme of engagement with stakeholders on the topic of landscape and visual is outlined within Table 1.26 and meeting minutes have been included within Appendix L (document reference E5.1 Part 3 of 3).

1.4.3.1 Table 1.27 presents the agreement areas for the Landscape and visual assessment with stakeholders.

Table 1.26 Landscape and visual assessment consultation held to date

Date	Participants	Focus of consultation
22 February 2024	The Applicants, RPS, Fylde Council, South Ribble Council, Lancashire County Council, Natural England, Preston Council	<ul style="list-style-type: none"> Programme update Project refinements post-PEIR (offshore and onshore) Stakeholder responses Items for agreement Next steps and discussion
24 September 2024	The Applicants, RPS, Fylde Council, South Ribble Council, Blackpool Council, Lancashire County Council, Natural England, Preston Council, Historic England	<ul style="list-style-type: none"> Programme update Discussion regarding Outline Landscape Management Plan and Outline Design Principles

Table 1.27 Meeting summary for landscape and visual assessment

Issues Agreed	Issues under discussion	Summary of Progress
22 February 2024		
<p>Scoping out of seascape impacts.</p> <p>Representative and Candidate viewpoints</p>	<p>The following matters were presented for discussion</p> <p>Onshore substations representative viewpoints presented in the PEIR (subject to different view orientations and micro-siting of locations) and the additional candidate viewpoint locations</p> <p>Representative viewpoints/candidate viewpoint locations for the River Ribble crossing</p> <p>Presentation of grey rendered photomontages of main buildings and infrastructure at the onshore substations for all viewpoint locations.</p>	<p>Follow up technical note was provided by the Applicants and seascape impacts scoped out.</p>
September 2024		
	<p>Design principles</p> <p>Landscape principles</p> <p>Key visualisations</p> <p>Landscape Strategy</p>	<p>Clarification provided on worst case scenario for photomontages and on the proposed design review process.</p>

1.4.4 Land-use and recreation

1.4.4.1 In relation to proposed construction activities at Blackpool Road Recreation Ground, the Applicants met with relevant stakeholders to discuss potential impacts to users and mitigation. Engagement meetings are outlined in Table 1.28

Table 1.28 Engagement on land-use and recreation

Date	Participants	Focus of consultation
9 September 2024	Fylde Council, St Annes Football Club	<ul style="list-style-type: none"> • Overview of the Transmission Assets project and design • Project’s interaction with the Blackpool Road Recreational Ground • Discussed the impacts to St Annes Football Club and other users of the recreational ground
20 September 2024	The applicants and Lancashire County Council	<ul style="list-style-type: none"> • Discuss the proposed management of affected Public Rights of Way (PRoW) within the Order Limits: Onshore.

1.5 Targeted bilateral engagement

1.5.1 Statutory bodies

1.5.1.1 To supplement the Evidence Plan Process, the Applicants held informal meetings with the following organisations during the pre-application phase:

- Environment Agency;
- Marine Management Organisation;
- Historic England; &
- Natural England.

1.5.1.2 The purpose of these meetings was for the Applicants to informally update these organisations bilaterally on wider progress within the Projects and their other DCO applications. Technical matters were not the focus of these discussions rather they were used to ensure that good working practices between the parties were in place so that technical information required by the stakeholders was provided and so that stakeholders to ask wider questions about the development of the projects.

1.5.2 Local Planning Authorities

1.5.2.1 The Applicants held meetings with Fylde Council & South Ribble Council planning officers during the pre-application phase to discuss technical EIA-related matters arising in between the formal meetings associated with the Evidence Plan Process.

1.5.2.2 The Consultation Report (document reference E1) provides details all statutory and non-statutory consultation with section 43 consultees for the purposes of section 42(1)(b) of the Planning Act 2008.