



MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

Review of Cumulative Effects Assessment and In-Combination Assessment at Deadline 5



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Glossary

Term	Meaning
Applicants	Morgan Offshore Wind Limited (Morgan OWL) and Morecambe Offshore Windfarm Ltd (Morecambe OWL).
Benthic Ecology	Benthic ecology encompasses the study of the organisms living in and on the sea floor, the interactions between them and impacts on the surrounding environment.
Cumulative effects	The combined effect of the Transmission Assets in combination with the effects from other proposed developments, on the same receptor or resource.
Development Consent Order	An order made under the Planning Act 2008, as amended, granting development consent.
Effect	The term used to express the consequence of an impact. The significance of effect is determined by correlating magnitude of the impact with the importance, or sensitivity, of the receptor or resource in accordance with defined significance criteria.
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.
Expert Working Group	A forum for targeted engagement with regulators and interested stakeholders through the Evidence Plan process.
Generation Assets	The generation assets associated with the Morgan Offshore Wind Project and the Morecambe Offshore Windfarm include the offshore wind turbines, inter-array cables, offshore substation platforms and platform link (interconnector) cables to connect offshore substations.
Marine licence	The Marine and Coastal Access Act 2009 requires a marine licence to be obtained for licensable marine activities. Section 149A of the Planning Act 2008 allows an applicant for to apply for 'deemed marine licences' in English waters as part of the development consent process.
Maximum Design Scenario	The realistic worst-case scenario, selected on a topic-specific and impact specific basis, from a range of potential parameters for the Transmission Assets.
Morecambe Offshore Windfarm: Generation Assets	The offshore generation assets and associated activities for the Morecambe Offshore Windfarm.
Morecambe OWL	Morecambe Offshore Windfarm Limited is owned by Copenhagen Infrastructure Partners' (CIP) fifth flagship fund, Copenhagen Infrastructure V (CI V).
Morgan and Morecambe Offshore Wind Farms: Transmission Assets	The offshore and onshore infrastructure connecting the Morgan Offshore Wind Project and the Morecambe Offshore Windfarm to the national grid. This includes the offshore export cables, landfall site, onshore export cables, onshore substations, 400 kV grid connection cables and associated grid connection infrastructure such as circuit breaker compounds.

Term	Meaning
	Also referred to in this report as the Transmission Assets, for ease of reading.
Morgan Offshore Wind Project: Generation Assets	The offshore generation assets and associated activities for the Morgan Offshore Wind Project.
Morgan OWL	Morgan Offshore Wind Limited is a joint venture between JERA Nex bp (JNbp) and Energie Baden-Württemberg AG (EnBW).
Scoping Opinion	Sets out the Planning Inspectorate's response (on behalf of the Secretary of State) to the Scoping Report prepared by the Applicants. The Scoping Opinion contains the range of issues that the Planning Inspectorate, in consultation with statutory stakeholders, has identified should be considered within the Environmental Impact Assessment process.
Scoping Report	A report setting out the proposed scope of the Environmental Impact Assessment process. The Transmission Assets Scoping Report was submitted to The Planning Inspectorate (on behalf of the Secretary of State) for the Morgan and Morecambe Offshore Windfarms Transmission Assets in October 2022.
Transmission Assets	See Morgan and Morecambe Offshore Wind Farms: Transmission Assets (above).

Acronyms

Acronym	Meaning
CCP	Carbon Capture Project
CCS	Carbon Capture Storage
CEA	Cumulative Effects Assessment
COLREGs	International regulations for preventing collisions at sea 1972
CRNRA	Cumulative Regional Navigational Risk Assessment
DCO	Development Consent Order
EIA	Environmental Impact Assessment
EMF	Electromagnetic fields
ERCoP	Emergency Response and Cooperation Plan
EVMP	Environmental Vessel Management Plan
EWG	Expert Working Group
GVA	Gross Value Added
ISAA	Information to Support an Appropriate Assessment
MDS	Maximum Design Scenario
MMMP	Marine Mammal Mitigation Protocol
MU	Management Unit
NSIP	Nationally Significant Infrastructure Project

NtM	Notice to Mariners
SLVR	Seascape, Landscape and Visual Resources
SOLAS	Safety of Life at Sea
SPA	Special Protection Area
SSC	Suspended Sediment Concentrations
UKC	Under Keel Clearance
UXO	Unexploded Ordnance

Units

Unit	Description
m	Metre
MW	Megawatt
m ²	Square metre
km	Kilometre
km ²	Square kilometre
kg	Kilogram
%	percentage

1 Review of Cumulative Effects Assessment and in-combination Assessment

1.1 Introduction

1.1.1.1 Morgan Offshore Wind Limited (Morgan OWL) and Morecambe Offshore Windfarm Ltd (Morecambe OWL) (hereafter referred to as 'the Applicants') submitted a Development Consent Order (DCO) application for the Morgan and Morecambe Offshore Wind Farms: Transmission Assets (hereafter referred to as the 'Transmission Assets') in October 2024. The DCO application included an Environmental Statement, which presented the results of the Environmental Impact Assessment (EIA), encompassing a Cumulative Effects Assessment (CEA) (as presented within the topic specific chapters of Volumes 2 through 4 of the Environmental Statement (APP-042 to APP-144)). The DCO application also included the Information to Support an Appropriate Assessment (ISAA) which encompassed an in-combination assessment (APP-015, APP-016 and APP-017).

1.1.1.2 The CEA identified those projects, plans or activities with which the Transmission Assets may interact to produce a cumulative effect. Information on other projects, plans or activities which were publicly available (as described in Volume 1, Chapter 5: Environmental impact assessment methodology (APP-012)) were considered in the CEA and in-combination assessment.

1.1.1.3 Since the submission of the application, new projects not previously considered in the CEA have entered the public domain, and new or updated assessment material has been published on projects that had been considered in the CEA. This document presents a review of the following:

- New project information published up to 28 August 2025. For new projects (information for which was not available at the time of completing the CEA for the application), the Applicants have carried out CEA screening in line with Volume 1, Annex 5.5: Cumulative screening matrix and location plan (REP1-020) and considered whether there is potential for additional cumulative effects to arise in order to inform whether these projects are screened into or out of the CEA review.
- Updated project information published up to 28 August 2025. For those projects already considered in the CEA at application, the Applicants have carried out a review to determine whether the updated information could change the conclusions of the assessment presented in the application.

1.1.1.4 This aligns with the CEA guidance published by the Planning Inspectorate in September 2024 which states that: '*Further assessment may be required during the examination stage for any newly identified 'other existing development and, or approved development' with potential to give rise to significant effects*' (The Planning Inspectorate,

2024). If there is no potential for significant effects to arise, no further assessment has been undertaken.

- 1.1.1.5 This document considers the projects for which new or updated information is available and whether this new or updated information requires any updates to the cumulative assessments for each topic chapter (see **Table 1.1 and Table 1.2** (D2 updates) and **Table 1.3 and Table 1.4** (D5 updates).

Table 1.1: Offshore Projects reviewed for potential cumulative effects, with status at application and at Deadline 2 (D2) and programme detail

Project	Capacity/ scale/ description	Status at application	Status at Deadline 2	Tier at D2	Construction period	Operation period	Distance to Transmission Assets (km)
Mooir Vannin Lease Area	Proposed offshore wind farm comprising up to 100 wind turbines.	Pre-application	Submitted but not yet accepted	2	TBC [2030-2032]	2033-	2.59
Liverpool Bay Area 457 - Westminster Gravels Aggregate Extraction Licence	Westminster Gravels will be renewing their aggregate extraction licence in Area 457 in Liverpool Bay. Their Environmental Statement is planned to be submitted in 2024.	Pre-application	Submitted but not yet determined	1	N/A	Unknown	2.43
Eni Hynet – Carbon Capture Project	CCS project in the east Irish Sea. Works will include installation of a new cable, a new Douglas CCS platform and work on the existing Hamilton, Hamilton North and Lennox wellhead platforms.	Pre-application	Submitted but not yet determined	1	2026-	Unknown	5.74
Isle of Man Interconnector 2	A new 70 MW to 100 MW HVAC interconnector to be deployed by 2030 between Pulrose substation and northwest England Distribution network.	Pre-application	Pre-application	3	2025-2029	Unknown	N/A
Millom East Assets	The Millom East Cables and pipelines grouped together.	Operational - Decommissioning	Operational - Decommissioning	1	N/A	N/A	0-0.5
MaresConnect Interconnector surveys	MaresConnect Interconnector Seabed Survey, which will consist of geophysical, geotechnical and environmental surveys operating between March 2024 and December 2025.	N/A	Operational	1	N/A	2024-2026	40.34

Table 1.2: Onshore Projects reviewed for potential cumulative effects, with status at application and at Deadline 2 (D2) and programme detail

Project	Status at application	Status at Deadline 2	Tier at D2	Construction period	Operation period	Distance to Transmission Assets (km)
39no. dwellings and 16no. maisonettes with associated infrastructure and vehicle accesses onto Blackpool Road	Pending	Permitted	1	Unknown (assumed overlap with Transmission Assets)	Unknown	5.73
Erection of 70no. market and affordable dwellings with associated access, pumping station and open space following demolition of the existing buildings	Pending	Permitted	1	Unknown (assumed overlap with Transmission Assets)	Unknown	6.65
Erection of part 4, 5 & 6 storey building comprising of 40 self-contained apartments with associated cycle/waste storage, and provision of 45 car parking spaces with access from Harrowside West, following demolition of existing hotel (Outline application for access, appearance, layout and scale).	Pending	Permitted	1	Unknown (assumed overlap with Transmission Assets)	Unknown	0.80
Approval of details reserved by condition 6 (e) of permission LCC/2014/0096 relating to the time scale for restoration following the decommissioning of the two PNR shale gas exploration wells and removal of pressure gauges	Pending	Permitted	1	Unknown (assumed overlap with Transmission Assets)	Unknown	2.19

Project	Status at application	Status at Deadline 2	Tier at D2	Construction period	Operation period	Distance to Transmission Assets (km)
The proposed development is anticipated to be an 8.6 MW green hydrogen facility with a Proton Exchange Membrane (PEM) electrolyser for the production of hydrogen including hydrogen storage, hydrogen delivery infrastructure to the brewery and hydrogen-powered vehicle refuelling facilities.	Pending	Permitted	1	Unknown (assumed overlap with Transmission Assets)	Unknown	8.82
Request for a Screening Opinion pursuant to Regulation 6 of the Town and Country Planning (Environmental Impact Assessment) (England) Regulations 2017 for proposed development of 1no. 9 storey and 1no. 10 storey building and change of use of the former Park Hotel and no.8 East Cliff to provide up to 440no. residential apartments, gym, co-working and café space.	Pending	EIA not required	1	Unknown (assumed overlap with Transmission Assets)	Unknown	3.07

Project	Status at application	Status at Deadline 2	Tier at D2	Construction period	Operation period	Distance to Transmission Assets (km)
10no. commercial units for a mix use of Commercial, Business and Service (Class E) General industrial (Class B2) and Storage or distribution (Class B8) (pursuant to 06/2020/0941 to seek variation of condition no.1, 3, 4, 5, 6 ,7, 8, 9, 10, 11, 12, 16, and 17)	Pending	Permitted	1	Unknown (assumed overlap with Transmission Assets)	Unknown	5.04
49no. two storey affordable homes, estate road with access from Lightfoot Lane, adoptable footway along the site frontage to Lightfoot Lane with new pedestrian footpath links to the existing footpath between 15 and 17 Oakwood Drive and to the roundabout at the junction of Tabley Lane and Tyneham Way, along with ancillary works including laying out of open space and retention of the existing on-site pond	Pending	Permitted	1	Unknown (assumed overlap with Transmission Assets)	Unknown	3.57
Installation of a ground mounted solar array, including construction of a high voltage transformer station, gravel access roads and a 2m perimeter mesh fence.	Pending	Permitted	1	Unknown (assumed overlap with Transmission Assets)	Unknown	5.15

Project	Status at application	Status at Deadline 2	Tier at D2	Construction period	Operation period	Distance to Transmission Assets (km)
Outline application for a six-storey building comprising 19no. residential apartments and ground floor commercial unit, following demolition of existing building	Pending	Permitted	1	Unknown (assumed overlap with Transmission Assets)	Unknown	3.35
Screening opinion for proposed development of 186 dwellings including land reserved for a primary school and associated access, open space and landscaping	Pending	EIA not required	1	Unknown (assumed overlap with Transmission Assets)	Unknown	8.14
Consultation from Lancashire County Council regarding an application for Outline Planning Permission (with all matters reserved save for access from the public highway to Development Zones A, B and D (M65 Terminus Roundabout, A49 Wigan Road and Stanifield Lane) and strategic green infrastructure/landscaping) for a mixed-use development.	Pending	No objections	1	Unknown (assumed overlap with Transmission Assets)	Unknown	6.45
Environmental Impact Assessment (EIA) Screening Opinion for proposed replacement Wind Turbine on Land Adjacent to Southport Eco Centre.	Pending	EIA not required	1	Unknown (assumed overlap with Transmission Assets)	Unknown	12.23

Project	Status at application	Status at Deadline 2	Tier at D2	Construction period	Operation period	Distance to Transmission Assets (km)
Request for a screening opinion Pursuant to Regulation 6 of the Town and Country Planning (Environmental Impact Assessment) (England) Regulations 2017 for proposed development of a Motorway Services Area	Pending	EIA not required	1	Unknown (assumed overlap with Transmission Assets)	Unknown	4.25
Request for a screening opinion Pursuant to Regulation 6 of the Town and Country Planning (Environmental Impact Assessment) (England) Regulations 2017 for proposed development of up to 380 residential units with means of access to the public highway	Pending	EIA not required	1	Unknown (assumed overlap with Transmission Assets)	Unknown	4.20
Request for screening opinion pursuant to the town and country planning environmental impact assessment regulations 2017 in respect of a residential development project at land north and south of old house lane in Westby (the Marton estate)	Pending	EIA not required	1	Unknown (assumed overlap with Transmission Assets)	Unknown	1.97

Project	Status at application	Status at Deadline 2	Tier at D2	Construction period	Operation period	Distance to Transmission Assets (km)
Request for screening opinion for the repowering of the Royal Seaforth Dock wind turbines at Maritime Centre, Bootle Maritime Centre Royal Seaforth Dock Seaforth L21 1LA	Pending	EIA required	1	Unknown (assumed overlap with Transmission Assets)	Unknown	31.84
Request for a screening opinion Pursuant to Regulation 6 of the Town and Country Planning (Environmental Impact Assessment) (England) Regulations 2017 for proposed Battery Energy Storage System	Pending	EIA not required	1	Unknown (assumed overlap with Transmission Assets)	Unknown	9.36
Request for a screening opinion for proposed development of a Motorway Services Area	Pending	EIA not required	1	Unknown (assumed overlap with Transmission Assets)	Unknown	4.18
Request for a screening opinion for proposed Office Development	Pending	EIA not required	1	Unknown (assumed overlap with Transmission Assets)	Unknown	3.18
Request for a screening opinion for proposed development for erection of 164no. dwellings with associated works including landscaping and access	Pending	EIA not required	1	Unknown (assumed overlap with Transmission Assets)	Unknown	3.80

Table 1.3: Offshore Projects reviewed for potential cumulative effects, with status at application and at Deadline 5 (D5) and programme detail

Project	Capacity/ scale/ description	Status at D2	Status at D5	Tier at D5	Construction period	Operation period	Distance to Transmission Assets (km)
East Irish Sea Transmission Project	Transmission Assets for the Mooir Vannin Offshore Windfarm which includes the Offshore Export Cables, up to 3 Offshore Booster Stations (in the event of HVAC), landfall infrastructure, Onshore Export Cables, an Onshore Substation, potential for an onshore booster station and Grid Connection Cables to connect to a National Grid Substation at Penwortham. Scoping Report published August 2025	Pre-application	Pre-application	Tier 2	unknown	unknown	0
Moor Vannin Offshore Wind Project	Proposed offshore wind farm comprising up to 87 fixed foundation wind turbines, located approximately 11km east of the Isle of Man, wholly within the Isle of Man's jurisdiction. Generate around 1400MW. The application was accepted into examination and made publicly available from the 27/08/2025.	Pre-application	Submitted but not yet determined	Tier 1	unknown	unknown	2.59

Project	Capacity/ scale/ description	Status at D2	Status at D5	Tier at D5	Construction period	Operation period	Distance to Transmission Assets (km)
CML2283 - Construction and Dredge associated with the Mostyn Energy Park Extension Project	The MEPE Project is situated adjacent to the Port of Mostyn on the Welsh side of the Dee Estuary. This project is an extension of the existing MEP so that the Port can continue to support and service current and anticipated future offshore wind development. The proposed development will involve the following dredge and disposal activities.	N/A	Permitted but not yet implemented	Tier 1	N/A	N/A	42.8

Table 1.4: Onshore Projects reviewed for potential cumulative effects, with status at application and at Deadline 5 (D5) and programme detail

Project	Status at D2	Status at D5	Tier at D5	Construction period	Operation period	Distance to Transmission Assets (km)
Erection of a battery energy storage system facility (up to 100MW), including battery containers, inverter units, substation, 132kv transformers, switch/ control room & welfare buildings, acoustic barrier, security mesh fence, CCTV & lighting columns, earth bund, access road, car parking, hard and soft landscaping. 336124, 431909	Not submitted	Pending	1	Unknown (assumed overlap with Transmission Assets)	Unknown	0.77
25/0358 Residential development of 23 dwellings comprising construction of 20 three-storey dwellings and extensions and alterations to existing buildings (the former Co-op) to facilitate change of use to 3 apartments together with associated infrastructure 331703, 429895	Not submitted	Pending	1	Unknown (assumed overlap with Transmission Assets)	Unknown	0.21
East Irish Sea Transmission Project (see Table 1.3)	Not submitted	Pre-application (Scoping)	Tier 2	N/A	N/A	0

1.2 Methodology

1.2.1 Background

1.2.1.1 This document has been prepared to supplement the CEA undertaken for the Transmission Assets within the topic specific chapters in Volume 2, 3 and 4 of the Environmental Statement (APP-042 to APP-144) (hereafter referred to as ‘the Transmission Assets CEA’).

1.2.1.2 The CEA methodology is described in full in Volume 1, Chapter 5: Environmental Impact Assessment methodology (APP-034). The methodology was developed in accordance with the following guidance:

- The Planning Inspectorate’s Advice Note Seventeen, version 2 (Planning Inspectorate, 2019); and
- Cumulative Impacts Assessment Guidelines: Guiding Principles for Cumulative Impacts Assessment in Offshore Wind Farms (RenewableUK, 2013).

1.2.1.3 For a cumulative effect to occur, there must be an impact-receptor-pathway, which includes conceptual overlap, physical overlap, and temporal overlap. The screening criteria used to identify an impact-receptor-pathway is described in Volume 1, Chapter 5: Environmental Impact Assessment methodology (APP-034) and Volume 1, Annex 5.5: Cumulative effects screening matrix and location plan (REP1-020).

1.2.1.4 The following CEA scenarios have been considered, where relevant for the Transmission Assets CEA.

- Scenario 1: Assessment of the Transmission Assets together with the Morecambe Offshore Windfarm: Generation Assets.
- Scenario 2: Assessment of the Transmission Assets together with the Morgan Offshore Wind Project: Generation Assets.
- Scenario 3: Assessment of the Transmission Assets together with both the Morgan Offshore Wind Project: Generation Assets and Morecambe Offshore Windfarm: Generation Assets (the Generation Assets).
- Scenario 4: Assessment of Scenario 3 and all other relevant projects and plans.

1.2.1.5 Scenario 4 includes the cumulative assessment Scenario 3 (Transmission Assets and Generation Assets) together with all other relevant screened-in projects from the cumulative effects assessment long list.

- Scenario 4a: Scenario 3 (Transmission Assets and Generation Assets) and Tier 1 projects, plans and activities which are:
 - under construction;
 - permitted application;
 - submitted application; or

-
- those currently operational that were not operational when baseline data were collected, and/or those that are operational but have an ongoing impact.
 - Scenario 4b: Scenario 4a plus Tier 2 projects, plans and activities for which a:
 - scoping report has been submitted in the public domain.
 - Scenario 4c: Scenario 4b plus Tier 3 projects, plans and activities which are:
 - where a scoping report has not been submitted but some information is within the public domain;
 - identified in the relevant Development Plan; or
 - identified in other plans and programmes.

1.2.1.6 Since submission of the Transmission Assets application, some of the projects considered in the CEA have moved from a lower tier to a higher tier, as described in **paragraph 1.2.2.2**.

1.2.2 Identification of new project information

1.2.2.1 An update to the CEA long list (presented within Volume 1, Annex 5.5: Cumulative effects screening matrix and location plan (REP1-020)) has been completed based on information made publicly available on project or government websites. This update includes changes to existing projects on the long list as well as additional projects identified after the submission of the DCO Application in October 2024.

1.2.2.2 Each project that has been identified as having published substantial assessment material since the Transmission Assets CEA was produced was taken forward to the screening stage below. Substantial assessment material includes:

- Projects which have progressed further along the consenting process meaning that they have moved from a lower tier to a higher tier;
- Projects where the status of the project changed, for example from submitted to consented;
- New projects not considered in the Transmission Assets CEA which have been identified in the long list screening process; and
- Other new information that has become available that could potentially lead to a change in the assessment conclusions of the Transmission Assets CEA.

1.2.2.3 Minor updates to existing projects which did not constitute substantial assessment material (for example, updates to project names, project developers, completion of site investigation surveys where no new information was made available, etc.) have not been considered.

1.2.3 Topic screening of new project information

1.2.3.1 New or updated project information (identified in **section 1.2.2**) has been screened on a topic-by-topic basis to identify projects to be taken forward for the CEA review as described in **section 1.2.4**.

1.2.3.2 The screening process for new projects is outlined in **Figure 1.1** and described below:

- New projects are identified through review of the updated CEA long list which can be found within Volume 1, Annex 5.5: Cumulative effects screening matrix and location plan (REP1-020).
- Information was screened to identify whether there is spatial overlap between the project and the Transmission Assets CEA study area for each topic (i.e. a physical effect-receptor pathway). The CEA study areas are defined as described in each topic chapter. Projects beyond the CEA study areas were screened out of the CEA review.
- The screening considered whether the new project information was relevant to the assessment for that topic, considering the criteria in **Table 1.6** (and in accordance with the criteria set out in Volume 1, Annex 5.5: Cumulative effects screening matrix and location plan (REP1-020)). Where a cumulative effect exists, projects were screened into the CEA review.
- The screening considered whether the new project information could lead to an increase in the impacts assessed for each topic compared to that which has been assessed in the Transmission Assets CEA
- Where is potential for a significant effect, the CEA is then reviewed considering the new project information and updated, if appropriate.

1.2.3.3 The screening process for updated projects is outlined in within Volume 1, Annex 5.5: Cumulative effects screening matrix and location plan (REP1-020) and **Figure 1.2** is described below:

- Updated projects are identified through review of the updated CEA long list.
- The screening considered whether the updated project information was relevant to the assessment for that topic, considering the criteria in **Table 1.5** (and in accordance with the criteria set out in Volume 1, Annex 5.5: Cumulative effects screening matrix and location plan (REP1-020)).
- The updated information was reviewed to determine if this could result in any change to the cumulative maximum design scenario (MDS) for each impact compared to that assessed in the Transmission Assets CEA. Projects which have no potential to result in any change were screened out of the CEA review.
- Where a change was identified, the screening considered whether the change could lead to an increase in the impacts assessed for each topic compared to that assessed in the Transmission Assets CEA. Where there is potential for an increase in potential effects, as identified by the screening, a sensitivity analysis was subsequently

carried out to consider if the updated information could alter the conclusions of the CEA and in-combination assessment presented in the application. The projects that were taken forward as part of the review of CEA and in-combination assessment at Deadline 2 for potential cumulative effects are listed in **Table 1.1** and **Table 1.2**, those projects that have been reviewed at Deadline 5 are listed in **Table 1.3** and **Table 1.4**.

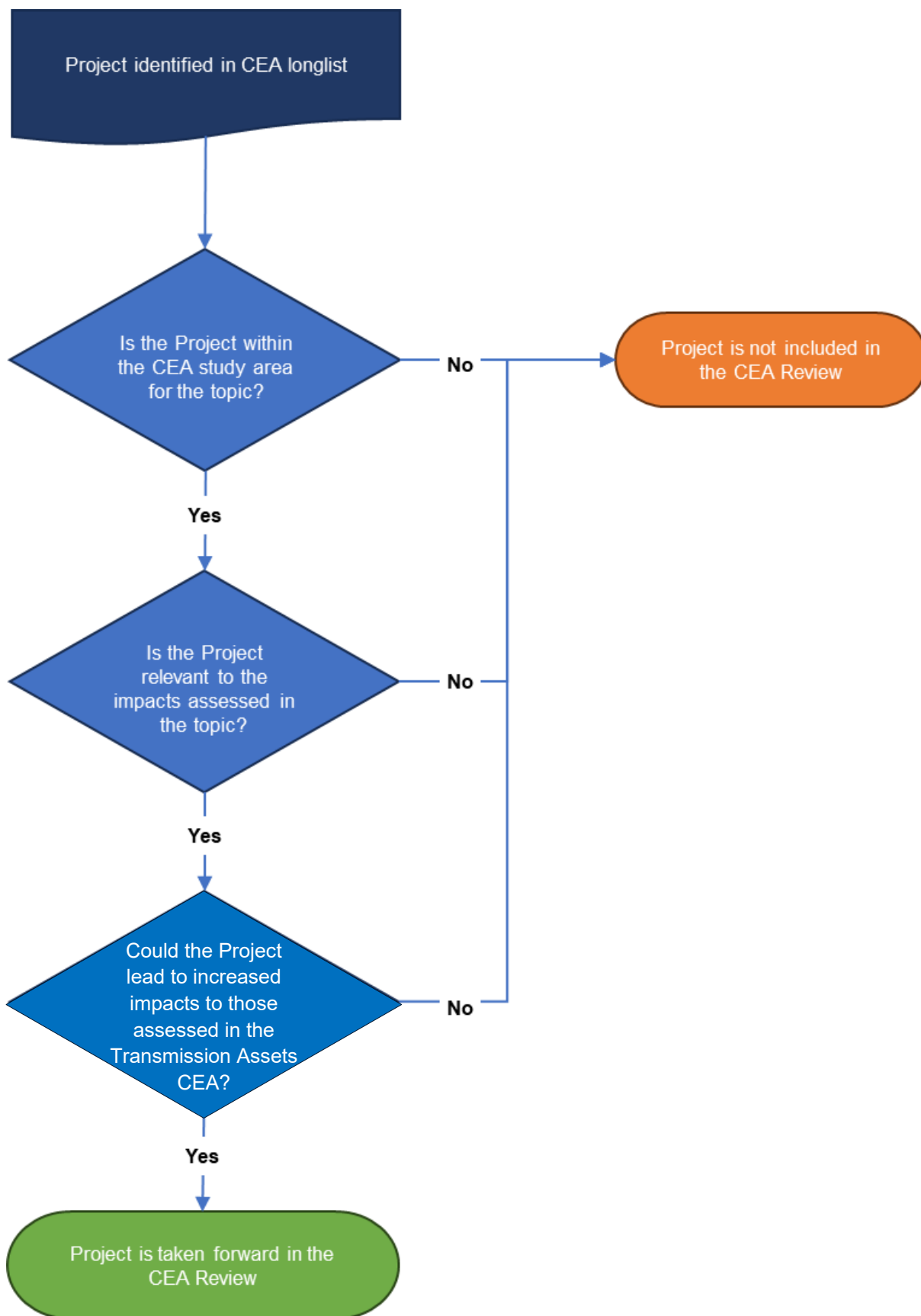


Figure 1.1: Flow chart for CEA screening process (new projects)

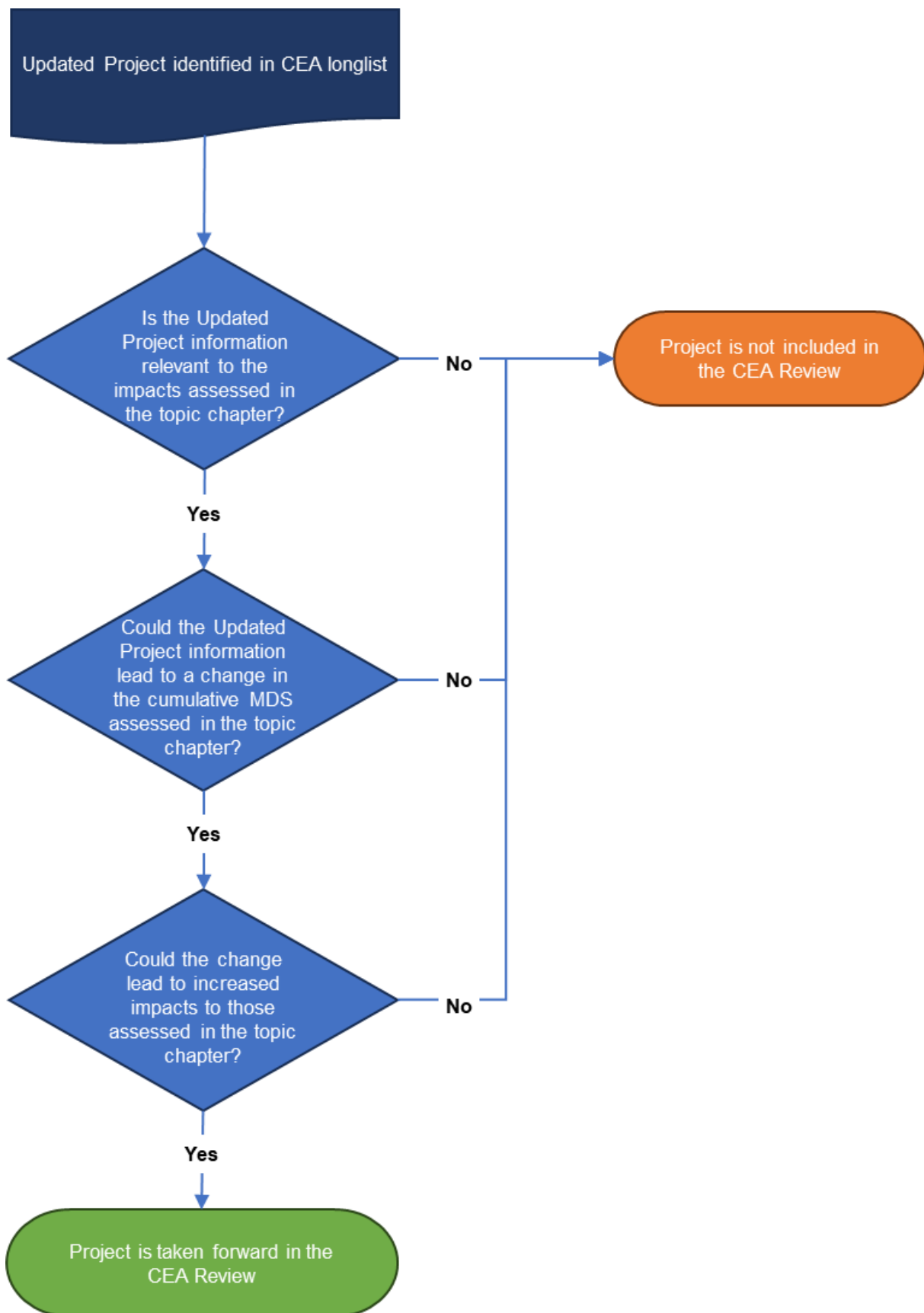


Figure 1.2: Flow chart for CEA screening process (updated projects)

1.2.4 Review of cumulative effects assessment

- 1.2.4.1 A review of the CEA has been undertaken on a topic-by-topic basis and is presented in **section 1.4**. The assessment presented within Volume 4, Chapter 1: Climate change (APP-138) is inherently cumulative as it already considers regional to global impacts, in accordance with IEMA (2022), and therefore this topic was not included in the CEA review.
- 1.2.4.2 A summary of the projects that new information has become available for since the Transmission Assets application was submitted and that have the potential to result in a change to the Transmission Assets CEA are presented in **Table 1.1**.

1.3 Screening of the Transmission Assets cumulative effects review

1.3.1 Summary of CEA and in-combination assessment conclusions as presented within the ES/ISAA

Table 1.5: Summary of Transmission Assets CEA and in-combination assessment conclusions for Scenario 4 as presented within the Environmental Statement/ISAA

Topic	Summary of Transmission Assets CEA and in-combination assessment conclusions for Scenario 4 as presented within the Environmental Statement/ISAA
Volume 2	
Physical processes (Volume 2, Chapter 1(APP-042))	Overall, it is concluded that there will be no significant cumulative effects from the Transmission Assets alongside other projects/plans.
Benthic subtidal and intertidal ecology (Volume 2, Chapter 2 (APP-045))	Overall, it is concluded that there will be significant cumulative effects (moderate adverse) in the short to medium term from temporary habitat disturbance/loss associated with the Transmission Assets alongside the Morgan Offshore Wind Project: Generation Assets and other tier 2 and tier 3 projects. The significance of the cumulative effects is, however, predicted to decrease to minor adverse significance in the long term as the sediments and associated benthic communities will recover over time. Therefore, effects of minor adverse significance are predicted in the long term which is not significant. There will be no significant cumulative effects from the Transmission Assets alongside other projects/plans for any other impact pathway.
Fish and shellfish ecology (Volume 2, Chapter 3 (APP-048))	Overall, it is concluded that there will be no significant cumulative effects from the Transmission Assets alongside other projects/plans.
Marine mammals (Volume 2, Chapter 4 (APP-050))	Overall, it is concluded that for most impacts there will be no significant cumulative effects from the Transmission Assets alongside other projects/plans, except the potential injury from UXO clearance for harbour porpoise, where a potential significant cumulative effect has been identified if high order detonation is required.
Offshore ornithology (Volume 2, Chapter 5 (APP-053))	Overall, it is concluded that there will be no likely significant cumulative effects from the Transmission Assets alongside other projects/plans.
Commercial fisheries (Volume 2, Chapter 6 (APP-054))	Overall, it is concluded there will be no significant cumulative effects on commercial fisheries from the Transmission Assets alongside other projects/plans following the implementation of embedded and further mitigation measures.
Shipping and navigation (Volume 2, Chapter 7 (APP-056))	Overall, it is concluded that there will be three significant cumulative impacts arising from the Transmission Assets alongside other projects. • Impact to commercial operators including strategic routes and lifeline ferries.

Topic	Summary of Transmission Assets CEA and in-combination assessment conclusions for Scenario 4 as presented within the Environmental Statement/ISAA
	• Impact to adverse weather routing; and, • Impact on vessel to vessel collision risk
Marine archaeology (Volume 2, Chapter 8 (APP-059))	Overall, it is concluded that there will be no significant cumulative effects from the Transmission Assets alongside other projects/plans.
Other sea users (Volume 2, Chapter 9 (APP-061))	Overall, it is concluded that there will be no significant cumulative effects from the Transmission Assets on other sea users alongside other projects/plans.
Volume 3	
Geology, hydrogeology and ground conditions (Volume 3, Chapter 1 (APP-068))	Overall, it is concluded that there will be no significant cumulative effects from the Transmission Assets on geology, hydrogeology and ground conditions alongside other projects/plans.
Hydrology and flood risk (Volume 3, Chapter 2 (APP-070))	Overall, it is concluded that there will be no significant cumulative effects from the Transmission Assets on hydrology and flood risk alongside other projects/plans.
Onshore ecology and nature conservation (Volume 3, Chapter 3 (APP-075))	Overall, it is concluded that there will be significant cumulative effects on onshore ecology and nature conservation: • Up to moderate adverse impact during construction on Mill Brook Valley Biological Heritage Site. Note, the projects screened into the CEA do not affect the significance of effect presented for the project in isolation for this receptor. • Up to moderate adverse impact during construction on priority habitats.
Onshore and intertidal ornithology (Volume 3, Chapter 4 (APP-090))	Overall, it is concluded that there will be no significant cumulative effects from the Transmission Assets on onshore and intertidal ornithology alongside other projects/plans.
Historic environment (Volume 3, Chapter 5 (APP-096))	Overall, it is concluded that there will be no significant cumulative effects from the Transmission Assets on historic environment alongside other projects/plans.
Land use and recreation (Volume 3, Chapter 6 (APP-104))	Overall, it is concluded that there will be significant cumulative effects on land use and recreation: • Major adverse effect on the permanent loss of BMV land during construction and decommissioning.
Traffic and transport (Volume 3, Chapter 7 (APP-108))	Overall, it is concluded that there will be no significant cumulative effects from the Transmission Assets on traffic and transport alongside other projects/plans.
Noise and vibration (Volume 3, Chapter 8 (APP-117))	Overall, it is concluded that there will be no significant cumulative effects from the Transmission Assets on noise and vibration alongside other projects/plans.

Topic	Summary of Transmission Assets CEA and in-combination assessment conclusions for Scenario 4 as presented within the Environmental Statement/ISAA
Air quality (Volume 3, Chapter 9 (APP-121))	Overall, it is concluded that there will be no significant cumulative effects from the Transmission Assets on air quality alongside other projects/plans.
Landscape and visual resources (Volume 3, Chapter 10 (APP-123))	Overall, it is concluded that there will be significant cumulative effects on landscape and visual resources: • Moderate adverse effect during construction, operation and maintenance and decommissioning on landscape characters LCA 16b Mosslands – South Fylde Mosses, LCA 15b Coastal Plain: Longton to Bretherton, LCA 17a Enclosed Coastal Marsh: Clifton and Hutton and LCA 15d Coastal Plain: Fylde. • Major adverse impact during construction on walkers and equestrians using PRoW along the onshore export cable corridor and 400 kV grid connection cable corridor. • Major adverse impact during construction on occupiers of residential dwellings along the onshore export cable corridor and 400 kV grid connection cable corridor.
Aviation and radar (Volume 3, Chapter 11 (APP-130))	Overall, it is concluded that there will be no significant cumulative effects from the Transmission Assets on aviation and radar alongside other projects/plans.
Volume 4	
Climate change (Volume 4, Chapter 1 (APP-138))	Overall, it is concluded that there will be a significant beneficial cumulative effect from the Transmission Assets on climate change alongside other projects/plans.
Socio-economics (Volume 4, Chapter 2 (APP-141))	Overall, it is concluded that there are the following significant cumulative effects from the Transmission Assets alongside other cumulative projects. Construction phase • The significance of effect for the potential impact on economic receptors including employment and GVA for Scenario 3 and 4a to 4c for North Wales (offshore study area) are assessed to be moderate (beneficial) which is significant in EIA terms. • The significance of effect for the potential impact on economic receptors including employment and GVA for Scenario 3 for North West England (offshore study area) is assessed to be moderate (beneficial) which is significant in EIA terms. Operation and maintenance phase • The significance of effect for the potential impact on economic receptors including employment and GVA for Scenario 4a to 4c for North Wales (offshore study area) is assessed to be major (beneficial) which is significant in EIA terms. • The significance of effect for the potential impact on economic receptors including employment and GVA for Scenario 4a to 4c for North West England (offshore study area) is assessed to be moderate (beneficial) which is significant in EIA terms.

1.3.2 CEA Screening Matrix

- 1.3.2.1 **Summary of** screening decisions for new and updated projects within the CEA longlist at Deadline 2
- 1.3.2.2 Table 1.7 and **Table 1.8** provide the results of the screening exercise carried out, for Deadline 2, to determine if a project is taken forward into the CEA review, as per the process described in **Figure 1.1** and **Figure 1.2**.
- 1.3.2.3 **Table 1.9** and **Table 1.10** provide the results of the screening exercise carried out, for Deadline 5, to determine if a project is taken forward into the CEA review, as per the process described in **Figure 1.1** and **Figure 1.2**.
- 1.3.2.4 This screening exercise was carried out following the methodology set out in Volume 1, Annex 5.5: Cumulative effects screening matrix and location plan (REP1-020), adapted for this CEA review, and the criteria in **Table 1.6**, below. The projects which have been screened in have been carried forward into the CEA review presented in **section 1.4**.

Table 1.6: Screening criteria (based on Volume 1, Annex 5.5: Cumulative effects screening matrix and location plan (REP1-020))

Code	Screening criteria
a	Included as part of the topic baseline with no anticipated impacts Not relevant to CEA review
b	Part of the baseline but has an ongoing impact Not relevant to CEA review
c	Potential cumulative effect exists, or change to cumulative effect previous assessed Screened into the CEA review
d	No conceptual or physical effect-receptor pathway Screened out of the CEA review
e	Low data availability Screened out of the CEA review
f	No temporal overlap Screened out of the CEA review
g	Project has been withdrawn from development or operation Screened out of the CEA review

- 1.3.2.5 **Summary of** screening decisions for new and updated projects within the CEA longlist at Deadline 2
- 1.3.2.6 Table 1.7 and **Table 1.8** show all projects either added to, or updated in, the CEA longlist at Deadline 2 since the DCO Application was submitted. Based on this new information, the screening was reviewed.
- 1.3.2.7 **Table 1.9** and **Table 1.10** show all projects either added to, or updated in, the CEA longlist at Deadline 5 since Deadline 2 was submitted. Based on this new information, the screening was reviewed.
- 1.3.2.8 **Table 1.11** shows the review of the project updates that may affect cumulative effects assessment in the Transmission Assets

Environmental Statement, at Deadline 2 for each topic of the ES both offshore and onshore.

1.3.2.9 **Table 1.12** shows the review of the project updates that may affect cumulative effects assessment in the Transmission Assets Environmental Statement, at Deadline 5 for each topic of the ES both offshore and onshore.

- Where new information results in a change to the screening conclusion, the revised screening grade is shown using the codes 'a-g', defined in **Table 1.6**.
- Where new information results in no change to the screening conclusion, whether that be screened in or screened out, this is shown as 'no change'.

1.3.2.10 The full screening of all new and updated projects alongside projects considered in the DCO Application is available in the updated CEA Screening matrix and location plan (Volume 1, Annex 5.5 (REP1-020) submitted at Deadline 1. This includes justification for projects screened out of the CEA longlist.

Summary of screening decisions for new and updated projects within the CEA longlist at Deadline 2

Table 1.7: Summary of the offshore topic specific screening changes made since the submission of the ES at Deadline 2 based upon updates made to, and new projects added to the CEA longlist

Updates to Projects (Deadline 2)	Updates to Topic Specific Screening at Deadline 2									
Project Name	Physical Processes	Benthic Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Socio Economics
Moor Vannin Lease area	No change	No change	No change	No change	Screen out (d)	No change	No change	No change	No change	No change
Isle of Man UK interconnector 2	No change	No change	No change	No change	Potentially, if the project interacts with the Liverpool Bay Special Protection Area (SPA) during any project phase	No change	No change	No change	Screen in (c)	No change
Liverpool Bay Area 457 - Westminster Gravels Aggregate Extraction Licence	No change	No change	No change	No change	Potentially, if the project interacts with the Liverpool Bay SPA during any project phase	No change	No change	No change	No change	No change
Project Erebus – Floating Offshore Wind Project	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
North Channel Wind 1	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
North Channel Wind 2	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change

Updates to Projects (Deadline 2)	Updates to Topic Specific Screening at Deadline 2									
Project Name	Physical Processes	Benthic Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Socio Economics
North Irish Sea Array (NISA) OWF	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Twin Hub	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Project Saoirse Wave Energy	No change	No change	No change	No change	No change	No change	No change	No change	No change	Screen out (d)
Malin Sea Wind	No change	No change	No change	No change	No change	No change	No change	No change	No change	Screen out (d)
Clarus Floating Offshore Wind Farm	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Moor Vannin Transmission Assets	See East Irish Sea Transmission Project	See East Irish Sea Transmission Project	See East Irish Sea Transmission Project	See East Irish Sea Transmission Project	See East Irish Sea Transmission Project	See East Irish Sea Transmission Project	See East Irish Sea Transmission Project	See East Irish Sea Transmission Project	See East Irish Sea Transmission Project	See East Irish Sea Transmission Project
Millom East Assets:	No change	No change	No change	No change	Potentially, if the project interacts with the Liverpool Bay SPA during any project phase	No change	No change	No change	No change	No change
Millom East PLEM										
Millom PLEM										
Millom PLEM to DPPA pipeline										
Millom PLEM to Millom wellhead Q1 pipeline										
Millom PLEM to Millom wellhead Q3 chem pipeline										
Millom PLEM to Millom West pipeline										

Updates to Projects (Deadline 2)	Updates to Topic Specific Screening at Deadline 2									
Project Name	Physical Processes	Benthic Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Socio Economics
Millom wellhead Q1 to Millom PLEM pipeline										
Millom wellhead Q2 to Millom PLEM pipeline										
Millom wellhead Q3 to Millom PLEM pipeline										
Millom West to Millom PLEM pipeline										
Outer Dowsing Offshore Wind Farm	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	No change	Screen out (d)	No change	Screen out (d)
Liverpool Bay Area 457 - Westminster Gravels Aggregate Extraction Licence	No change	No change	No change	No change	Potentially, if the project interacts with the Liverpool Bay SPA during any project phase	No change	No change	No change	No change	No change
Five Estuaries – Offshore Wind Farm	No change	No change	No change	No change	No change	No change	No change	No change	No change	Screen out (d)
Green Volt Offshore Wind Farm	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Sheringham and Dudgeon Extension Projects	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change

Updates to Projects (Deadline 2)	Updates to Topic Specific Screening at Deadline 2									
Project Name	Physical Processes	Benthic Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Socio Economics
Arklow Bank Wind Park Phase 2	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Arranmore offshore wind project	No change	No change	No change	No change	No change	No change	No change	No change	No change	Screen out (d)
Blyth Demo Offshore Wind Farm Phases 2&3	No change	No change	No change	No change	No change	No change	No change	No change	No change	Screen out (d)
Caledonia offshore Wind Project	No change	No change	No change	No change	No change	No change	No change	No change	No change	Screen out (d)
BayWa – Floating Offshore Wind Project	Screen out (d)	No change	No change	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Cailleach Offshore Wind Farm	No change	No change	No change	Screen in (c)	No change	No change	Screen out (d)	No change	No change	Screen out (d)
East Anglia THREE Offshore Wind Farm	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Eni Hynet – Carbon Capture Project	No change	No change	No change	No change	Likely depending on level of information available in application, and/or if the project interacts	No change	No change	No change	No change	Screen out (d)

Updates to Projects (Deadline 2)	Updates to Topic Specific Screening at Deadline 2									
Project Name	Physical Processes	Benthic Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Socio Economics
					with the Liverpool Bay SPA during any project phase					
Fecamp – Offshore Wind Farm	No change	No change	No change	No change	No change	No change	No change	No change	No change	Screen out (d)
Greystones Offshore Wind Farm	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Haven Offshore Array	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Kincardine – Floating Offshore Wind Project	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Mainstream Renewable Power Ltd - Site Investigations off Tralee	No change	No change	No change	No change	No change	No change	No change	No change	No change	Screen out (d)
Mainstream, Renewable Power Ltd- Site Investigations off Co, Dublin	No change	No change	No change	No change	No change	No change	No change	No change	No change	Screen out (d)
Malin Sea Wind	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Neart Na Gaoithe Offshore Wind	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Neart na Gaoithe Offshore Transmission Connection	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Norfolk Boreas Offshore Wind Farm	No change	No change	No change	No change	No change	No change	No change	No change	No change	Screen out (d)
Oran na Mara Tidal Energy	No change	No change	No change	No change	No change	No change	No change	No change	No change	Screen out (d)

Updates to Projects (Deadline 2)	Updates to Topic Specific Screening at Deadline 2									
Project Name	Physical Processes	Benthic Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Socio Economics
Péarla Offshore Wind Farm	No change	No change	No change	No change	No change	No change	No change	No change	No change	Screen out (d)
Project Erebus – Floating Offshore Wind Project	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Sceirde (Skerd) Rocks - Site investigations	No change	No change	No change	No change	No change	No change	Screen out (d)	Screen out (d)	No change	Screen out (d)
Sceirde (Skerd) Rocks	No change	No change	No change	No change	No change	No change	No change	No change	No change	Screen out (d)
SEAI SAIPAM Site Investigation for Floating Offshore Wind testing at AMETS Site Mayo	No change	No change	No change	No change	No change	No change	No change	No change	No change	Screen out (d)
Stromar – Floating Offshore Wind Project	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Seagreen Phase 1A Offshore Transmission Connection	Screen out (d)	Screen out (d)	No change	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
South Pembrokeshire Demonstration Zone	No change	No change	No change	No change	No change	No change	No change	No change	No change	Screen out (d)
Torr Head tidal site	No change	No change	No change	Screen out (g)	No change	No change	No change	No change	No change	No change
West Anglesey Demonstration Zone tidal site	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
South Pembrokeshire Demonstration Zone	No change	No change	No change	No change	No change	No change	No change	No change	No change	Screen out (d)

Updates to Projects (Deadline 2)	Updates to Topic Specific Screening at Deadline 2									
Project Name	Physical Processes	Benthic Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Socio Economics
Howley Weir	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Penthyndeudraeth waste water treatment works - Final effluent outfall pipe repairs	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Penthyndeudraeth waste water treatment works - Final effluent outfall pipe repairs	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
MaresConnect Interconnector - Surveys	Screen out (d)	Screen out (d)	Screen out (d)	Screen in (c)	Potentially, if the project interacts with the Liverpool Bay SPA during any project phase	Screen out (d)	No change	Screen out (d)	No change	Screen out (d)
Barmouth Viaduct Gardens	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Tidal Valve Clearance at RAF Valley.	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Lower Town Fishguard Slipway Repair	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Glan Y Mor Public Right of Way (PRoW) Footbridge Maintenance and Erosion Control	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
HyNet Newbuild Carbon Dioxide Pipeline – Trenchless crossing of the River Dee	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)

Updates to Projects (Deadline 2)	Updates to Topic Specific Screening at Deadline 2									
Project Name	Physical Processes	Benthic Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Socio Economics
Tidal door installation at Beeches outfall - River Dee	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Menai Shellfish	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Afon Wen Sheet Pile Repairs	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Highway Flooding Reduction - H82 Station Road Deganwy, Station Road, Deganwy, Conwy	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Highway Flooding Reduction H22 Morfa Drive Conwy	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
North Wales Wildlife Trust to perform Spinnies Aberogwen Outfall Clearance	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Garth (Bangor) Pier refurbishment	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Chepstow A48 Drainage	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Morfa culvert remediation works	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Installation of navigational marker beacons, flap valves, and concrete repairs at Rhos on Sea.	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)

Updates to Projects (Deadline 2)	Updates to Topic Specific Screening at Deadline 2									
Project Name	Physical Processes	Benthic Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Socio Economics
Emergency HW021 High Pressure Gas diversion under the River Towy.	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Barmouth Beach Management	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Newquay Harbour Maintenance Dredge Disposal	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Deganwy Marine Maintenance Dredge and Disposal	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Maintenance dredge at Tenby Harbour	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Awel y Môr Offshore Windfarm GI	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Potentially, if the project interacts with the Liverpool Bay SPA during any project phase	Screen out (d)	Screen out (f)	Screen out (d)	No change	Screen out (d)
RAF Pembrey Tidal Flap Investigation Works	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Aberystwyth Coastal Defence Scheme (CDS) - Investigations	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Pembroke Dock Ground Investigation and Environmental Surveys	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)

Updates to Projects (Deadline 2)	Updates to Topic Specific Screening at Deadline 2									
Project Name	Physical Processes	Benthic Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Socio Economics
Meni Shellfish Project - Beach Road Pumping Station	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Port Talbot Inner Dock Sampling	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Newbridge, Port Talbot Ground Investigation	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Pembroke Power Station Environmental Monitoring	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Marine Survey & Site Investigation Works SOBR1	Screen out (d)	Screen out (d)	Screen out (f)	Screen out (f)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Marine Survey & Site Investigation Works SOBR2	Screen out (d)	Screen out (d)	Screen out (f)	Screen out (f)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Marine Survey & Site Investigation Works Tuskar	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (f)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
EMEC Billia Croo	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
EMEC Scapa Flow	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
New Mooring - Deer Sound, Orkney.	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Ayre Offshore Wind Farm	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Bowdun Offshore Wind Farm	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)

Updates to Projects (Deadline 2)	Updates to Topic Specific Screening at Deadline 2									
Project Name	Physical Processes	Benthic Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Socio Economics
Flora – floating innovation project	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Salamander Offshore Wind Farm	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Scarben Floating Offshore Wind Project	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Sinclair Floating Offshore Wind Project	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Ramsey Sound Regeneration Project	Screen out (d)	Screen out (d)	Screen out (d)	Screen in (c)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Dogger Bank D	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Oriel Windfarm Offshore Wind Farm	No change	No change	No change	No change	No change	No change	No change	No change	No change	Screen out (d)
Arklow Bank Wind Park Phase 2	No change	No change	No change	No change	No change	No change	No change	No change	No change	Screen out (d)
Dogger Bank South (East)	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Dogger Bank South (West)	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
North Irish Sea Array	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Llŷr 1	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Llŷr 2	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
North Falls	No change	No change	No change	No change	No change	No change	No change	No change	No change	Screen out (d)

Updates to Projects (Deadline 2)	Updates to Topic Specific Screening at Deadline 2									
Project Name	Physical Processes	Benthic Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Socio Economics
Codling Wind Park	No change	No change	No change	No change	No change	No change	No change	No change	No change	Screen out (d)
Caer Vie onshore wind farm	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Foel Fach Onshore Wind Farm	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Royal Seaforth Dock Repowering	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (f)	Screen out (d)	No change	Screen out (d)
Liverpool Bay – Aggregates Site Agreement: 1808	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Dun Laoghaire Harbour Company. Ref No. FS006713	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
North Sea Renewables Grid	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Cenos Offshore Wind Farm	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Culzean Floating Offshore Wind Turbine Pilot Project	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Judy	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Tidal Test Site: Strangford Lough at Portaferry & Marfield Bay	Screen out (d)	Screen out (d)	Screen out (d)	Screen in (c)	Screen in (c)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
East Irish Sea Transmission Project*	No change	No change	No change	No change	Screen in (c)	No change	Screen in (c)	No change	No change	No change

Updates to Projects (Deadline 2)	Updates to Topic Specific Screening at Deadline 2									
Project Name	Physical Processes	Benthic Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Socio Economics
Repair of sea wall, erect floodgate and install new drainage network.	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Ceredigion County Council to perform Aberaeron Harbour Maintenance Dredge Disposal	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Newport Transporter Bridge River Wall Works	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
A465 Clydach Underbridge Scour Repair and Protection Measures.	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Living sea walls installation, Menai Strait	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Pwll Sea Wall Void Repairs	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Camarthen Swing Bridge Fender Removal	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Living Sea Walls Amlwch Port	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Maintenance Dredging at Swansea Yacht and Sub Aqua Club (SYSAC) Marina	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Port Talbot Marine Ground Investigation Works	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
Maryport South Beach, tidal deposit removals	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)

Updates to Projects (Deadline 2)	Updates to Topic Specific Screening at Deadline 2									
Project Name	Physical Processes	Benthic Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Socio Economics
Endurance Carbon Capture	No change	No change	No change	No change	No change	No change	No change	No change	No change	Screen out (d)
ESB Celtic Offshore Wind - Site Investigations off Waterford and Cork	No change	No change	No change	Screen out (d)	No change	No change	No change	No change	No change	Screen out (d)
ESB Wind Development Limited Site Investigations at Sea Stacks Offshore Wind off Dublin and Wicklow	No change	No change	No change	Screen out (d)	No change	No change	No change	No change	No change	Screen out (d)
Green Volt Offshore Wind Farm	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Hollandse Kust D – Offshore Wind Project	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Hollandse Kust F – Offshore Wind Project	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Muir Mhòr Offshore Wind Farm	Screen out (d)	No change	Screen out (d)	Screen out (d)	No change	Screen out (d)	Screen out (d)	Screen out (d)	No change	Screen out (d)
Ossian Wind Farm	No change	No change	No change	No change	No change	No change	No change	No change	No change	Screen out (d)
Sceirde (Skerd) Rocks Windfarm	No change	No change	No change	No change	No change	No change	No change	No change	No change	Screen out (d)
Voyage Offshore Wind Project	Screen out (g)	Screen out (g)	Screen out (g)	Screen out (g)	Screen out (g)	Screen out (g)	Screen out (g)	Screen out (g)	Screen out (g)	Screen out (g)

*The East Irish Sea Transmission Project is included in the CEA Screening list as the Section 35 direction for the project is in the public domain, however there is insufficient information available to consider the project within the CEA at deadline 2.

Table 1.8: Summary of the onshore topic specific screening changes made since the submission of the ES based upon updates made to, and new projects added to the CEA longlist

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
"Discharge of condition 16 pursuant to permission 07/2024/00575/FUL for erection for new high school, demolition of existing school buildings and ancillary works. 352072, 428196"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
"Demolition of Existing Buildings and Erection of 9 Detached Dwellings 348710, 423589"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
"07/2024/00812/DIS Discharge of conditions 12,14,16 and 22 (Lidl section only) pursuant to permission 07/2024/00368/VAR for variation of conditions to allow phasing only of phases 1a,1b, 2 and 3 (no technical or physical changes) as approved by permission 07/2020/01034/ORM for full	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
planning permission for a phased development comprising: the erection of a retail store (Use Class E) with associated access, car parking, electricity sub-station re-location, landscaping and servicing and delivery areas (Phase 1a); the erection of 120 dwellings (Use Class C3) and associated access off the Cross Borough Link Road, car parking, public open space, landscaping, and associated engineering and infrastructure works (Phase 1b); and Outline planning permission, with all matters reserved except for access, for a phased residential development comprising the erection of up to 181 dwellings (Phases 2 & 3). "													
"Discharge of conditions 10,11,13 and 30 (Lidl section only) pursuant to permission 07/2024/00368/VAR for variation of conditions to allow phasing only of	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
phases 1a,1b, 2 and 3 (no technical or physical changes) as approved by permission 07/2020/01034/ORM for full planning permission for a phased development comprising: the erection of a retail store (Use Class E) with associated access, car parking, electricity sub-station re-location, landscaping and servicing and delivery areas (Phase 1a); the erection of 120 dwellings (Use Class C3) and associated access off the Cross Borough Link Road, car parking, public open space, landscaping, and associated engineering and infrastructure works (Phase 1b); and Outline planning permission, with all matters reserved except for access, for a phased residential development comprising the erection of up to 181 dwellings (Phases 2 & 3). 353998, 427320"													

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
"Discharge of condition 6 pursuant to permission 07/2022/00021/FUL for siting of containerised battery energy storage units including electrical ancillary equipment, formation of new site vehicle entrance off Howick Cross Lane and installation of 2.5m high galvanised palisade fencing and gates. 350220, 428070"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
"Discharge of conditions 6-7, 9-12, 25, 28-31 and 34 of permission 07/2023/00430/FUL for erection of 75 no apartments (being a mix of 1 bed and 2 bed self contained dwellings as part of an age restricted housing development which includes communal living space, cafe bistro and a small retail unit (open to the public) and associated hard and soft landscaping. 353469 , 421809"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
"Erection commercial development comprising of units of varying sizes totalling 6,229sq m (flexible Use Classes E(g), B2, B8 and trade counter) and associated infrastructure, including new access onto Cuerden Way, following demolition of existing buildings 355817, 425459"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
"Discharge of conditions 4 and 7 pursuant to planning permission 07/2020/00443/FUL (appeal 3271976) for erection of 11no. dwellings with associated works 357612, 426102"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
"Demolition of 2no. industrial buildings and erection of 5no. detached dwellings, 2no. detached garages and associated ancillary works. 349448, 424996"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
"Discharge of condition 25 pursuant to permission 07/2022/00457/FUL for erection of 50 Residential Units with access, parking, open space and landscaping infrastructure 354709, 425674"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
"Erection of a replacement secondary school with associated playing fields, landscaping, drainage, access and parking and subsequent demolition of existing buildings on site 352072, 428196"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
"Outline application for proposed demolition of storage buildings and erection of up to 4no. self-build/custom-build detached dwellinghouses with garages (access, layout and scale applied for only). Works to improve existing junction for vehicular access to Newgate Lane and proposed new footpath adjacent to Newgate Lane with connection to Newgate Lane along the eastern	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
edge of the field to the south. Land Off Newgate Lane Whitestake Lancashire PR4 4JU"													
"Full planning application for residential development comprising 45 no. affordable dwellings incorporating a SUDS pond accessed via Farington Mews to the north. 352826, 423575"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
Erection of 145 residential dwellings	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
"Variation of condition 2 (extension of southern estate road to facilitate access into undeveloped parcel of land) imposed upon permission 07/2020/00552/FUL for demolition of farm buildings, erection of 121 dwellings and associated works 353263, 424122"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
"Demolition of existing buildings and erection of five detached houses, one detached garage and replacement garage with associated access and landscaping 348206, 424898"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
"Non material amendment to substitute plots in line with updated Building Regulations - permission 07/2020/00544/REM for approval of reserved matters (appearance, landscaping, layout and scale) for the erection of 399 residential dwellings, internal access roads, garages, public open space and associated infrastructure 353055, 424015"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
"Installation of 49.9 megawatt solar farm with associated infrastructure including: series of solar photovoltaic modules in arrays with string converters, transformers, substation, fencing and	Screen out (d)	Screen out (d)	Screen in (c)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
thermal CCTV cameras, access tracks, cabling, landscaping and other habitat creation Clifton Marsh Farm Preston New Road Newton With Clifton Preston PR4 0XE"													
"Residential development of 9 detached dwellings with associated garages following the demolition of the existing bungalow and outbuildings. 352215, 422114"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
"Request for a screening opinion for a full application for proposed solar farm comprised of solar arrays to generate C.8MW ancillary equipment under part 2 of of the town and country planning regulations 2017. Land South East Of Glenburn Depot White Moss Road South Skelmersdale Lancashire"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
"Full planning permission for the demolition of existing buildings and structures and erection of a new	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
industrial/warehouse building (B2 and B8 uses) including ancillary office space and associated... Allied Business Centre Potter Place West Pimbo Up Holland Lancashire WN8 9PH 349768, 404216"													
"Demolition of existing structures and the erection of a housing scheme of 20 dwellings comprised of 8 dwelling houses, 4 bungalows and 8 cottage style apartments, with access, car parking, landscaping and other associated works. 339092, 420929 "	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
Outline application for development of a maximum of 1400 residential dwellings, 20 hectares of Class B2 general industrial/ Class B8 storage and distribution, Class D1 primary school, two local neighbourhood centres (Classes A1, A2/A3), Class	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
A4 drinking establishment, Class D1 health centre, Class D1 community building, vehicle access onto Preston New Road and Mythop Road with associated road infrastructure, car parking, public open space, sports pitches, allotments, the retention and improvement of natural habitats, watercourse, ponds, reed beds and hedgerows and landscape features.													
"Erection of 9no dwellinghouses with associated garages, parking , new access-egress from School Road, landscaping and boundary works. 333086, 431748"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
"Outline application (all matters reserved) for demolition of existing detached property and garage and construction of up to 4 dwellings with associated garages, driveways and landscaping arrangements.	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
342414, 428862"													
"Installation of a 14.77 hectare solar farm with associated equipment and infrastructure, including solar arrays, transformer stations, CCTV columns, post & wire fencing, access track and landscaping arrangements. 335909, 432027"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
Extension and alterations to dwelling involving: 1) single storey rear extension following demolition of double height bay window; 2) insertion of new first floor window to rear elevation; and 3) insertion of new ground floor window to southeast facing side elevation	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
Single storey side and rear extension following demolition of existing side and rear extension	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
"Erection of two commercial storage units (use class b8) and provision of additional vehicle parking 330955, 431696"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
"Erection of two storey side extension, two storey rear extension, detached garage to front of dwelling and formation of new vehicle access onto mains lane including installation of entrance gates up to 1.96 metres high within front boundary wall 336535, 440159"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
"1) Erection of single storey rear extension and pergola following demolition of existing rear extension and conservatory; and 2) enlargement and alterations to front entrance 334538, 429271"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
"Demolition of existing rear conservatory and glazed link to garages and erection of single storey rear extensions including	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
alterations to existing garage roof 334057, 427729"													
"Demolition of conservatory to rear and erection of single storey rear extension 342214, 428874"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
Single storey side and rear extension following demolition of existing outbuilding and extension to front parking area	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
"Erection of garden room following removal of existing shed 342669, 428854"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
"Outline planning application for the erection of single detached dwelling to be constructed as a self-build/custom dwelling and occupied as a rural workers dwelling (access applied for with all other matters reserved) 334118, 432181"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
"Conversion of existing hay barn and shippon to form 3 no. residential dwellings to be to be built and occupied as self-build/custom dwellings 340301, 440143"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
"Demolition of existing true bungalow and erection of replacement dwelling providing accommodation over three floors which is to be built and occupied as a self-build/custom dwelling, and accessed from widened driveway with 1.9m high gates hung off 2.4m high gateposts 333820, 427830"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
"Erection of single storey detached summer house to rear 331909, 429282"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
"Application for an environmental impact assessment screening and scoping opinion in respect of the proposed installation of a ground mounted solar"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
PV farm and battery energy storage system (BESS) plus ancillary infrastructure and equipment, landscaping and access "													
"Demolition of existing conservatory and construction of new single storey rear extension 342617, 428774"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
Request for screening opinion pursuant to the town and country planning (environmental impact assessment) regulations 2017 in respect of proposed development of a ground mounted photovoltaic solar array farm (capacity up to 49.9mw ac) and associated ancillary development, and, a battery energy storage system (approximately 40mw ac) and associated ancillary development	Screen out (d)	Screen out (d)	Screen in (c)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
Erection of new single storey primary school and integrated SEN unit with associated infrastructure, car parking, hard and soft	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
play areas, multi-use games area and landscaping.													
Erection of electricity sub station control kiosk and pump station control kiosk within utility compound, and erection of 2m high gates and fence- Fairfield Nurseries Puddle House Lane Poulton-Le-Fylde Lancashire FY6 8LB	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
EIA screening opinion for a proposed residential development of approx. 215 units with access, open space, landscaping and associated site works following demolition of existing commercial buildings- Land At Fouldrey Avenue, Poulton Le Fylde	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
Erection of a new retail food store together with associated car parking, servicing areas and landscaping including the provision of an electricity substation, and alterations to the highway- Land At Norcross Lane Thornton	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
Cleveleys Lancashire FY5 3TZ													
Creation of an EV charging zone with canopy, substation, meter cabinet, LV panel GRP enclosure, four covered and enclosed jet wash bays and associated works- 332641 , 442402	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
Reserved matters application for appearance, landscaping, layout and scale for the erection of up to 34 detached dwellings (following outline application 16/00807/OUTMAJ) (Pursuant to the variation of conditions 1 (Plans), 2 (Materials), 4 (Management and maintenance of streets), 6 (Phasing), 8 (Parking plan), 9 (Landscaping), 11 (Boundary treatments) and 13 (PD removal) on planning application 18/00746/REMMAJ to vary the approved site layout, house types and mix,	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
approved floor and elevation plans and changes to landscaping)-351458 , 437097													
"24/01007/FULMAJ Proposed erection of 2 no. buildings comprising of 11 holiday cottages (C3) with ancillary on site retail shop, wellness studio, car parking, and new access, following demolition of existing kennel site buildings (resubmission of 23/01150/FULMAJ)-339948 , 445326"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
Erection of 93 dwellings with associated car parking, landscaping, open space improvements and access from Norcross Lane (Pursuant to the variation of condition 2 (Plans) on planning permission 21/01089/FULMAJ)-333241 , 441261	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
Scoping opinion in respect of the erection of up to 21 wind turbines up to 180m in height with a generating	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
capacity of 100MW3 with associated infrastructure and access, including restoration and enhancement of degraded peat moorland Land At Rooley Moor, Rochdale													
Removal of existing wind turbine and the erection of a replacement wind turbine with associated development- 389126, 437767	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
Outline planning application for 4no. industrial units (all matters reserved)- 352847,430314	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
Outline planning application (access applied for only with all other matters reserved) for a residential development of up to 95no. dwellings- 355411, 436987	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
Erection of new single storey primary school and integrated SEN unit with associated infrastructure, car parking, hard and soft play areas, multi-use	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
games area and landscaping (Article 24 consultation)-356295,436391													
1no. ground mounted Solar PV farm and associated infrastructure-347938, 437623	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
Outline planning application for the erection of a local centre including flexible floorspace (Use Class E), drinking establishments (sui generis), and hot food takeaways (sui generis), medical centre (Class E(e)), public house (sui generis) with hotel accommodation (Class C1), and retirement apartments (Class C2) (all matters reserved) (pursuant to 06/2020/0966 to seek removal of condition no.17 BREEAM)- 349688, 433545	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
"Request for a formal scoping opinion under Regulation 13 of the Town and Country Planning (Environmental Impact Assessment) (England and Wales) Regulations 2011,	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
proposed development for a new employment park, comprising of 5no. Class B2 and/or Class B8 employment units and 2no. drive thru units (Class E/Sui Generis) (total floorspace of 86,462 sqm), together with car and HGV parking areas, vehicular, cycling and pedestrian access off the existing roundabout and internal roads/servicing areas, landscaping, SuDS features, and associated works- 357124, 433283													
Outline application for the construction of a new building comprising 2no. trade counter units (Class B8) and reconfigured internal access road, new HGV layby, relocated bin store and mechanical plant compounds seeking approval for access and layout only (all other matters reserved) (pursuant to 06/2023/1249 to seek variation of condition no.4 and removal of condition no.13)- 352763, 429619	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
Erection of extension to new school hall building comprising 6no. classrooms, 1no. Design Technology classroom, meeting rooms and ancillary space (Article 24 consultation)- 352863, 434364	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
24no. residential units (Class C3) and commercial development (Class E(g)) with associated access, landscaping and infrastructure- 349420 432005	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
Outline planning application (access applied for only with all other matters reserved) for a Motorway Services Area- 349134, 434224	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
12no. 1 bedroom apartments, 12no. 2 bedroom apartments with associated car parking, vehicular access off Francis Street with cycle and bin stores (pursuant to 06/2023/0191 to seek variation of condition no.1	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
approved plans)- 352304, 430122													
Outline planning application (access applied for only with all other matters reserved) for a residential development of 20no. dwellings- 352731, 433962	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
Request for a screening opinion Pursuant to Regulation 6 of the Town and Country Planning (Environmental Impact Assessment) (England) Regulations 2017 for proposed development for erection of up to 430no. dwellings, primary school, linear park, and associated infrastructure and works- 348953, 432566	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
1no. three-storey residential development (Class C3) comprising 51no. retirement apartments, with landscaping, car parking and associated works, following demolition of existing buildings- 354221, 430751	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
Hybrid Planning Application comprising of: 1. Outline planning application for up to 195no. dwellings seeking approval for access from Bartle Lane only (all other matters reserved); and 2. Full planning application for the erection of dwellings (Phase 1) (pursuant to 06/2020/1344 to seek variation of condition no.1 approved plans)- 349606, 433501	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
Hybrid Planning Application comprising of: 1. Full planning application for erection of 26no. dwellings; and 2. Outline planning application for residential development of up to 429no. dwellings seeking approval for access (all other matters reserved) (pursuant to 06/2021/1414 to seek variation of conditions no.18 (access from Bartle Lane) and no.20 (number of units to be served from access points)- 349573, 433312	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
Refurbishment of Waverley Park including installation of new car park (27 spaces), 2no. 11-a-side football pitches, 1no. 9-a-side football pitch, 1no. pump track, 1no. skate park following demolition of existing skate park, reconfiguration of existing car park to provide 34no. parking spaces, refurbishment of existing play area, widening and extension to existing footpaths, and associated hard and soft landscaping- 356048, 430243	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
Outline application for the erection of a single storey building to accommodate a retail unit/convenience store (Use Class E(a)) and associated car parking (with all matters reserved)- 355816, 415229	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
24/00952/FUL Erection of agricultural building (retrospective)- 362641, 423602	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
24/01108/FUL Erection of a neighbourhood convenience store- 357919, 415979	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
24/01084/FUL Siting of 37no. steel storage containers in order to facilitate the provision of a self storage facility and the erection of an associated booking office/cabin (retrospective)- 358549, 416963	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
24/00886/NLA Neighbouring local authority consultation from South Ribble Borough Council regarding an application for the demolition of existing single storey teaching building and erection of new two storey building to accommodate teaching laboratories	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
"Flood mitigation and habitat creation project associated with drainage in vicinity of Ribby Hall and browns lane, including 1) installation of a culverted	Screen out (d)	Screen out (d)	Screen in (c)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
watercourse, approximately 800m in length, from browns lane in a south westerly direction to a new attenuation pond that will discharge to Wrea Brook. 340613, 430884"													
"Demolition of existing single storey structure and erection of single storey rear extension. 337861, 427765"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
"Request for screening opinion pursuant to the town and country planning (environmental impact assessment) regulations 2017 in respect of demolition, approximately 95,000sqm of new build development and 5,000sqm of refurbishment, and associated hardstanding / accessways, landscaping areas and supporting infrastructure including: 1) construction of new buildings to provide living accommodation, work, storage and office space, 2) construction of new training facilities to provide	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
gymnasiums, sports fields and education space, 3) construction of a new health and dental facility"													
"Erection of double garage to rear garden with habitable living annex above to be used in associated with 249 Lytham road, Warton, pr4 1ae. 340689, 428314"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
Alteration of the dwelling: 1) reconfiguration of window and door arrangements to ground floor side elevation of dwelling outrigger, 2) render to side and rear ground floor elevation of dwelling outrigger, 3) demolition and rebuild of single storey building to rear. (retrospective application).	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
"Partial demolition of existing stable building and erection of a custom/ self build detached dormer bungalow. 340218, 431569"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
"Demolition of existing bungalow and detached garage and erection of a detached dormer bungalow withing rated balcony feature to the front elevation and detached garage to rear garden 336051, 427335"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
"Erection of detached garage and connecting canopy with secure access gate to create covered link with existing attached garage and installation of front boundary fence, gates and gateposts up to 1.3 metres in height 331143, 431533"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
"Formation of 150 parking spaces and a surface water detention basin. 335695, 427971"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
permission in principle for the demolition of existing shop and associated outbuildings and the erection of a minimum of	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
three dwellings and up to a maximum of 5 dwellings.													
Request for screening opinion pursuant to the town and country planning (environmental impact assessment) regulations 2017 in respect of the proposed operation of a 15.8 hectare solar farm and associated ancillary equipment and infrastructure	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
"Installation of a 32 hectare solar farm, with associated infrastructure including: series of solar photovoltaic arrays, switch rooms, substations, inverters power stations, fencing, pole mounted CCTV cameras, access tracks and landscaping and biodiversity measures. 344018, 430587"	Screen out (d)	Screen out (d)	Screen in (c)	Screen in (c)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
"Construction of single storey building to provide five units for light industrial (class e(g)), general industry (b2) or storage and	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
distribution (class b8) use, with associated access from woodside and car parking arrangements. 335165, 433276"													
"Outline planning application (access and scale applied for with all other matters reserved) for the erection of a new data centre facility and associated plant/equipment, substation, security office, multi storey car park, with associated primary access via Brunel way and secondary access via peel park. 334744, 433328"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
"Mixed-use development comprising a neighbourhood centre and 58 affordable dwellings, along with associated infrastructure including internal estate road, vehicular access onto cropper road, pedestrian and cycle links, parking, landscaping, public open space, surface water pump	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
station and a suds balancing pond. 334558, 432463"													
"Erection of two-storey building to provide for green keepers/staff welfare accommodation as replacement for existing structure / portacabin 335144, 427901"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
"Erection of a single storey rear extension following demolition of an existing conservatory. 337953, 427368"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
"Outline application for demolition of former ambulance station and erection of six, three storey townhouses with associated infrastructure (access, appearance, layout and scale applied for with landscaping reserved) 334840, 427546"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
"Request for screening opinion pursuant to the town and country planning (environmental impact	Screen out (d)	Screen out (d)	Screen in (c)	Screen in (c)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
assessment) regulations 2017 in respect of the proposed installation of a 20.1 megawatts-peak solar farm together with ancillary equipment and infrastructure land at Blackpool airport squires gate lane Lytham St Annes FY4 2QS"													
Request for screening opinion pursuant to the town and country planning environmental impact assessment regulations 2017 in respect of a battery energy storage facility Grid Ref: (335954 , 431832)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
The Lancashire advanced engineering and manufacturing enterprise zone (Samlesbury) local development order no. 3 (2024) Grid Ref: (362136 , 430813)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
"07/2021/00886/ORM and 07/2021/00887/ORM - Pickering's Farm Site, Flag Lane, Penwortham Grid ref: 353623 , 425764"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
"Demolition of existing vehicle search point (VSP) and admin office buildings and erection of replacement single storey VSP and administrative facilities building with associated infrastructure including 60 space car park and new secure fencing and access gates up to 2.2 metres in height to site perimeter land at Blackpool airport squires gate lane Lytham St Annes FY4 2QS"	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
Installation of 49.9 megawatt solar farm with associated infrastructure including: series of solar photovoltaic modules in arrays with string converters, transformers, substation, fencing and thermal CCTV cameras, access tracks, cabling, landscaping and other habitat creation	Screen out (d)	Screen out (d)	Screen in (c)	Screen in (c)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
39no. dwellings and 16no. maisonettes with associated infrastructure	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
and vehicle accesses onto Blackpool Road													
Erection of 70no. market and affordable dwellings with associated access, pumping station and open space following demolition of the existing buildings	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Erection of part 4, 5 & 6 storey building comprising of 40 self-contained apartments with associated cycle/waste storage, and provision of 45 car parking spaces with access from Harrowside West, following demolition of existing hotel (Outline application for access, appearance, layout and scale).	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Approval of details reserved by condition 6 (e) of permission LCC/2014/0096 relating to the time scale for restoration following the decommissioning of the two PNR shale gas exploration wells and removal of pressure gauges	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
The proposed development is anticipated to be an 8.6 MW green hydrogen facility with a Proton Exchange Membrane (PEM) electrolyser for the production of hydrogen including hydrogen storage, hydrogen delivery infrastructure to the brewery and hydrogen-powered vehicle refuelling facilities.	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Request for a Screening Opinion pursuant to Regulation 6 of the Town and Country Planning (Environmental Impact Assessment) (England) Regulations 2017 for proposed development of 1no. 9 storey and 1no. 10 storey building and change of use of the former Park Hotel and no.8 East Cliff to provide up to 440no. residential apartments, gym, co-working and café space.	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
10no. commercial units for a mix use of Commercial, Business and Service (Class E) General industrial	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
(Class B2) and Storage or distribution (Class B8) (pursuant to 06/2020/0941 to seek variation of condition no.1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 16, and 17)													
49no. two storey affordable homes, estate road with access from Lightfoot Lane, adoptable footway along the site frontage to Lightfoot Lane with new pedestrian footpath links to the existing footpath between 15 and 17 Oakwood Drive and to the roundabout at the junction of Tabley Lane and Tyneham Way, along with ancillary works including laying out of open space and retention of the existing on-site pond	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Installation of a ground mounted solar array, including construction of a high voltage transformer station, gravel access roads and a 2m perimeter mesh fence.	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
Outline application for a six-storey building comprising 19no. residential apartments and ground floor commercial unit, following demolition of existing building	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Screening opinion for proposed development of 186 dwellings including land reserved for a primary school and associated access, open space and landscaping	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Consultation from Lancashire County Council regarding an application for Outline Planning Permission (with all matters reserved save for access from the public highway to Development Zones A, B and D (M65 Terminus Roundabout, A49 Wigan Road and Stanifield Lane) and strategic green infrastructure/landscaping) for a mixed-use development including the provision of Employment use (Use Classes B2/B8/E(g)); retail (use	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
Class E(a)); food, drink and drive-through restaurant use (Use Class E(b)/Sui Generis Drive-Through); hotel use (Use Class C1); health, fitness and leisure use (Use Classes E(d)/F(e)/F2(b)); creche/nursery (Class E(f)); car showrooms (Use Class Sui Generis Car Showroom); Residential use (C3) the provision of associated car parking, access, public open space, landscaping and drainage. (Additional documents received)													
Environmental Impact Assessment (EIA) Screening Opinion for proposed replacement Wind Turbine on Land Adjacent to Southport Eco Centre.	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Request for a screening opinion Pursuant to Regulation 6 of the Town and Country Planning (Environmental Impact Assessment) (England) Regulations 2017 for	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
proposed development of a Motorway Services Area													
Request for a screening opinion Pursuant to Regulation 6 of the Town and Country Planning (Environmental Impact Assessment) (England) Regulations 2017 for proposed development of up to 380 residential units with means of access to the public highway	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Request for screening opinion pursuant to the town and country planning environmental impact assessment regulations 2017 in respect of a residential development project at land north and south of old house lane in Westby (the Marton estate)	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Request for screening opinion for the repowering of the Royal Seaforth Dock wind turbines at Maritime Centre, Bootle Maritime Centre Royal Seaforth Dock Seaforth L21 1LA	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change

Updates to Projects (Deadline 2)	Updates Impact on Topic Specific Screening at Deadline 2												
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVIA	Air quality	Climate change	Socio-economics	Aviation
Request for a screening opinion Pursuant to Regulation 6 of the Town and Country Planning (Environmental Impact Assessment) (England) Regulations 2017 for proposed Battery Energy Storage System	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Request for a screening opinion for proposed development of a Motorway Services Area	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Request for a screening opinion for proposed Office Development	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Request for a screening opinion for proposed development for erection of 164no. dwellings with associated works including landscaping and access	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change

Summary of screening decisions for new and updated projects within the CEA longlist at Deadline 5

Table 1.9: Summary of the offshore topic specific screening changes made since the submission of the ES at Deadline 5 based upon updates made to, and new projects added to the CEA longlist

Updates to Projects (Deadline 5)	Updates to Topic Specific Screening at Deadline 5									
Project Name	Physical Processes	Benthic Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Socio Economics
Liverpool Bay Area 457 - Westminster Gravels Aggregate Extraction Licence	No change	No change – updated to Tier 1 to account for the published EIA.	No change	No change	No change	No change	No change	No Change	No change	No Change
North Irish Sea Array (NISA) OWF	No change	No change	No change	No change	No change	No change	No change	No Change	No change	No Change
Dublin Array OWF	No change	No change	No change	No change	No change	No change	No change	No Change	No change	No Change
The Llyr Offshore Wind Project (Llyr 1 and Llyr 2)	No change	No change	No change	No change	No change	No change	No change	No Change	No change	No Change
Oriel Windfarm OWF	No change	No change	No change	No change	No change	No change	No change	No Change	No change	No Change
CampionWind	No change	No change	No change	No change	No change	No change	No change	No Change	No change	No Change
Mona Offshore Wind Project	No change	No change	No change	No change	No change	No change	No change	No Change	No change	No Change
Oran na Mara	No change	No change	No change	No change	No change	No change	No change	No Change	No change	No Change
FS007031 - Statkraft North Irish Sea Array (NISA) Site Investigations	No change	No change	No change	No change	No change	No change	No change	No Change	No change	No Change

Updates to Projects (Deadline 5)	Updates to Topic Specific Screening at Deadline 5									
Project Name	Physical Processes	Benthic Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Socio Economics
FS007151 - Sunrise Wind Ltd., Site Investigations for the proposed Sunrise Offshore Wind Farm, off Counties Dublin and Wicklow (Applied Dec 2021)	No change	No change	No change	Was previously screened in, now screened out as it is not going ahead.	No change	No change	No change	No Change	No change	No change -- currently f changed to 'g'
FS007283 - Banba Wind Ltd., Site Investigations for proposed Offshore Wind Farm, off Counties Wicklow and Dublin (Applied Dec 2021)	No change	No change	No change	Was previously screened in, now screened out as it is not going ahead.	No change	No change	No change	No Change	No change	No change - currently f changed to 'g'
Lir offshore wind project	No change	No change	No change	No change	No change	No change	No change	No Change	No change	No Change
Bardsey Sound - Ynys Enlli Tidal Energy	No change	No change	No change	No change	No change	No change	No change	No Change	No change	No change - currently f changed to 'g'
White Cross	No change	No change	No change	No change	No change	No Change	No change	No change	No change	No change currently 'a' changed to 'd'
East Irish Sea Transmission Project**	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Moor Vannin Offshore Wind Farm	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Tees Conservancy Facility Relocation	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)

Updates to Projects (Deadline 5)	Updates to Topic Specific Screening at Deadline 5									
Project Name	Physical Processes	Benthic Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Socio Economics
Floating Solar Array, Cavendish Dock and adjacent land, ABP Port of Barrow, Barrow-in-Furness	Screened out of assessment (d)	Screened into assessment (c)	Screened into assessment (c)		Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment	Screened out of assessment (d)	Screened out of assessment (d)
NEP Dredge - Berth Pocket and Dock Approach	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment	Screened out of assessment (d)	Screened out of assessment (d)
Drypool Bridge Proposed De silting and lower level scaffold	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment	Screened out of assessment (d)	Screened out of assessment (d)
North Bay 2025 Improvement Works	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment	Screened out of assessment (d)	Screened out of assessment (d)
Holbeach AWR Target Replacement	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment	Screened out of assessment (d)	Screened out of assessment (d)
Harbour Walkway - Bank Stabilisation Works	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment	Screened out of assessment (d)	Screened out of assessment (d)
Anglian Water Data Buoys	Screened out of	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of	Screened out of	Screened out of	Screened out of assessment	Screened out of	Screened out of

Updates to Projects (Deadline 5)	Updates to Topic Specific Screening at Deadline 5									
Project Name	Physical Processes	Benthic Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Socio Economics
	assessment (d)				assessment (d)	assessment (d)	assessment (d)		assessment (d)	assessment (d)
Eskside Wharf Refurbishment, Whitby	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment	Screened out of assessment (d)	Screened out of assessment (d)
Morgan and Morecambe River Ribble Geotechnical Survey	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment	Screened out of assessment (d)	Screened out of assessment (d)
National Network of Regional Coastal Monitoring Programmes - Braystones Directional Wave Buoy	Screened out of assessment (d)	Part of the topic baseline so not considered within the cumulative impact assessment.(a)	Part of the topic baseline so not considered within the cumulative impact assessment.(a)		Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment	Screened out of assessment (d)	Screened out of assessment (d)
Tees and Hartlepool Maintenance Dredge Disposal	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment	Screened out of assessment (d)	Screened out of assessment (d)
CML2283 - Construction and Dredge associated with the Mostyn Energy Park Extension Project	Screened out of assessment (f)	Screened out of assessment (f)	No temporal overlap (f)		Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment	Screened out of assessment (d)	Screened out of assessment (d)
CML2453 - Skewen Flood Alleviation Scheme	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment	Screened out of assessment (d)	Screened out of assessment (d)

Updates to Projects (Deadline 5)	Updates to Topic Specific Screening at Deadline 5									
Project Name	Physical Processes	Benthic Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Socio Economics
CML2461 - A494 River Dee Bridge Over-Slabbing	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment	Screened out of assessment (d)	Screened out of assessment (d)
CML2472 - Afon Tywi Pipeline Protection	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment	Screened out of assessment (d)	Screened out of assessment (d)
CML2477 - Rhuddlan Marsh Embankment Staircase Replacement	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment	Screened out of assessment (d)	Screened out of assessment (d)
CML2482 - Menai Bridge repainting works	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment	Screened out of assessment (d)	Screened out of assessment (d)
CML2485 - Southgate effluent pipe repair, Swansea	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment	Screened out of assessment (d)	Screened out of assessment (d)
CML2501 - Abertafol Underbridge Repairs	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment	Screened out of assessment (d)	Screened out of assessment (d)
CML2504 - Impala Milford Haven Jetty Maintenance	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment	Screened out of assessment (d)	Screened out of assessment (d)

Updates to Projects (Deadline 5)	Updates to Topic Specific Screening at Deadline 5									
Project Name	Physical Processes	Benthic Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Socio Economics
CML2512 - SA1 Rock Revetment Upgrade Works from Trafalgar Bridge to the Promontory	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment	Screened out of assessment (d)	Screened out of assessment (d)
CML2517 - Pile repairs at the Valero Pembrokehire Oil Terminal Ltd. Jetty Berth 2, Milford Haven	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment	Screened out of assessment (d)	Screened out of assessment (d)
CML2518 - Investigation of Deeside Substation tidal flap valve	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment	Screened out of assessment (d)	Screened out of assessment (d)
CML2534 - Westfield Pill Bridge Repairs	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment	Screened out of assessment (d)	Screened out of assessment (d)
DEML2468 - Returning displaced sediment following a storm event to the foreshore at locations across Anglesey	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment	Screened out of assessment (d)	Screened out of assessment (d)
DEML2490 - Seagrass planting over 10 hectares in Holyhead Bay, Isle of Anglesey	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment	Screened out of assessment (d)	Screened out of assessment (d)

Updates to Projects (Deadline 5)	Updates to Topic Specific Screening at Deadline 5									
Project Name	Physical Processes	Benthic Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Socio Economics
DEML2502 - Dune nourishment operations at Traeth Crugan, Pwllheli	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment	Screened out of assessment (d)	Screened out of assessment (d)
DEML2506 - Seagrass Planting in Dale, Pembrokeshire	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment	Screened out of assessment (d)	Screened out of assessment (d)
DML2163 - Holyhead Waterfront Regeneration Scheme	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment	Screened out of assessment (d)	Screened out of assessment (d)
DML2524 - Sand Relocation on Llanbedrog Beach	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment	Screened out of assessment (d)	Screened out of assessment (d)
RML2516 - Mona Landfall Geotechnical Survey	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment	Screened out of assessment (d)	Screened out of assessment (d)
RML2542 - SEAABEDD Initiative Grab Samples	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment	Screened out of assessment (d)	Screened out of assessment (d)
RML2543 - SEAABEDD Initiative Grab Samples (Application Area 2)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment (d)	Screened out of assessment	Screened out of assessment (d)	Screened out of assessment (d)

Updates to Projects (Deadline 5)	Updates to Topic Specific Screening at Deadline 5									
Project Name	Physical Processes	Benthic Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Marine Archaeology	Other Sea Users	Socio Economics

** The information in the Scoping Report as published for the East Irish Sea Transmission Project is not sufficient to undertake a quantitative assessment. A qualitative assessment has been provided for the CEA for this project, where the level of information allows (see **Table 1.12** below).

Table 1.10: Summary of the onshore topic specific screening changes made since the submission of the ES at Deadline 5 based upon updates made to, and new projects added to the CEA longlist

Updates to Projects (Deadline 5)		Updates Impact on Topic Specific Screening at Deadline 5											
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVA	Air quality	Climate change	Socio-economics	Aviation
Prior notification submission for installation of a rooftop mounted PV array consisting of 881 panels 353989, 432218	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
Outline planning application (access only with all other matters reserved) for the erection of up to 125no. dwellings (including affordable housing), with public open space (including children's play areas), landscaping and sustainable drainage system (SuDS) 355527, 436569	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
Reserved Matters application (namely layout, scale appearance and landscaping) for the erection of 108no.	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)

Updates to Projects (Deadline 5)		Updates Impact on Topic Specific Screening at Deadline 5											
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	L VIA	Air quality	Climate change	Socio-economics	Aviation
dwelling pursuant to hybrid application 06/2020/1344, as amended by application 06/2024/0773, which secured outline permission for up to 195no. dwellings 349513, 433369													
Reserved matters application (namely access, appearance, landscaping, layout and scale) in relation to Zone D for a residential development of 229no. dwellings with associated infrastructure and landscaping works pursuant to outline permission 06/2020/0888 (as amended by NMA 06/2022/0867) 348459, 433109	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
Outline planning application for the erection of a care home (up to 4,700sqm), a community building (up	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)

Updates to Projects (Deadline 5)		Updates Impact on Topic Specific Screening at Deadline 5											
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	L VIA	Air quality	Climate change	Socio-economics	Aviation
to 400sqm), residential development (up to 167no. dwellings) and land reserved for primary school with associated works to include landscaping and green infrastructure (seeking approval for access only all other matters reserved) 352826, 435126													
Outline application for the erection of up to 443 dwellings including provision of access onto the East West Link Road, school and linear park (seeking approval for access only all other matters reserved) 349378, 432794	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Baseline (a)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
Reserved matters application (namely layout, scale, appearance and landscaping) for 104no. dwellings and community building with associated works pursuant to outline	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)

Updates to Projects (Deadline 5)		Updates Impact on Topic Specific Screening at Deadline 5											
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVI	Air quality	Climate change	Socio-economics	Aviation
permission 06/2022/0644 351959, 436739													
Installation of underground electricity cable linking Newfold Solar Farm positioned to west of Kirkham prison to BAE Systems via hillock lane and harbour lane (retrospective application). 341449, 430687	Screen out (no temporal overlap (f))	Screen out (no temporal overlap (f))	Screen out (no temporal overlap (f))	Screen out (no temporal overlap (f))	Screen out (no temporal overlap (f))	Screen out (no temporal overlap (f))	Screen out (no temporal overlap (f))	Screen out (no temporal overlap (f))	Screen out (no temporal overlap (f))	Screen out (no temporal overlap (f))	Screen out (no temporal overlap (f))	Screen out (no temporal overlap (f))	Screen out (no temporal overlap (f))
Erection of a battery energy storage system facility (up to 100MW), including battery containers, inverter units, substation, 132kv transformers, switch/ control room & welfare buildings, acoustic barrier, security mesh fence, cctv & lighting columns, earth bund, access road, car parking, hard and soft landscaping. 336124, 431909	Screen in (c)	Screen in (c)	Screen in (c)	Screen in (c)		Screen in (c)	Screen out (d)	Screen out (d)	Screen in (c)	Screen out (d)	Screen out (d)	Screen in (c)	Screen out (d)

Updates to Projects (Deadline 5)		Updates Impact on Topic Specific Screening at Deadline 5											
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	L VIA	Air quality	Climate change	Socio-economics	Aviation
Request for Screening Opinion pursuant to the Town and Country Planning Environmental Impact Assessment Regulations 2017 in respect of the development of up to 250 dwellings (use class C3) and associated infrastructure. 53°47'40.74"N, 2°53'35.00"W	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (e)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
07/2025/00578/SCE Request for an EIA Screening Opinion under Regulation 6 of the Town and Country Planning (Environmental Impact Assessment) Regulations, 2017 (as amended) :New Substation, Feeder Station Compound and Auto Transformer conversion to Support Power Supply Upgrade of the West Coast Main Line at Flag Lane.	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (e)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)

Updates to Projects (Deadline 5)		Updates Impact on Topic Specific Screening at Deadline 5											
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	L VIA	Air quality	Climate change	Socio-economics	Aviation
SD 53880 25874													
06/2025/0818 Outline application for 30-storey building comprising 218no. one and two bed apartments, communal areas, and commercial workspace, with associated works (access, appearance, layout and scale applied for) 354325, 429586	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)
25/0358 Residential development of 23 dwellings comprising construction of 20 three-storey dwellings and extensions and alterations to existing buildings (the former Co-op) to facilitate change of use to 3 apartments together with associated infrastructure	Screen in (c)	Screen in (c)	Screen in (c)	Screen in (c)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen out (d)	Screen in (c)	Screen out (d)	Screen out (d)	Screen out (d)

Updates to Projects (Deadline 5)		Updates Impact on Topic Specific Screening at Deadline 5											
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	L VIA	Air quality	Climate change	Socio-economics	Aviation
331703, 429895													
East Irish Sea Transmission Project	Screen in (c)	Screen in (c)	Screen in (c)	Screen in (c)	Screen in (c)	Screen in (c)	Screen in (c)	Screen in (c)	Screen in (c)	Screen in (c)	Screen in (c)	Screen in (c)	Screen in (c)
Discharge of condition 16 pursuant to permission 07/2024/00575/FUL for erection for new high school, demolition of existing school buildings and ancillary works. 352072, 428196	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
07/2024/00812/DIS Discharge of conditions 12, 14, 16 and 22 (Lidl section only) pursuant to permission 07/2024/00368/VAR for variation of conditions to allow phasing only of phases 1a, 1b, 2 and 3 (no technical or physical changes) as approved by permission 07/2020/01034/ORM for full planning permission for a phased development	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change

Updates to Projects (Deadline 5)		Updates Impact on Topic Specific Screening at Deadline 5											
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	L VIA	Air quality	Climate change	Socio-economics	Aviation
comprising: the erection of a retail store (Use Class E) with associated access, car parking, electricity sub-station re-location, landscaping and servicing and delivery areas (Phase 1a); the erection of 120 dwellings (Use Class C3) and associated access off the Cross Borough Link Road, car parking, public open space, landscaping, and associated engineering and infrastructure works (Phase 1b); and Outline planning permission, with all matters reserved except for access, for a phased residential development comprising the erection of up to 181 dwellings (Phases 2 & 3).													
Outline application for proposed demolition of storage buildings and erection of up to 4no. self-build/custom-build	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change

Updates to Projects (Deadline 5)		Updates Impact on Topic Specific Screening at Deadline 5											
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVA	Air quality	Climate change	Socio-economics	Aviation
detached dwellinghouses with garages (access, layout and scale applied for only). Works to improve existing junction for vehicular access to Newgate Lane and proposed new footpath adjacent to Newgate Lane with connection to Newgate Lane along the eastern edge of the field to the south. Land Off Newgate Lane Whitestake Lancashire PR4 4JU													
Full planning application for residential development comprising 45 no. affordable dwellings incorporating a SUDS pond accessed via Farington Mews to the north. 352826, 423575	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Installation of 49.9 megawatt solar farm with associated infrastructure including:	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change

Updates to Projects (Deadline 5)		Updates Impact on Topic Specific Screening at Deadline 5											
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	L VIA	Air quality	Climate change	Socio-economics	Aviation
series of solar photovoltaic modules in arrays with string converters, transformers, substation, fencing and thermal CCTV cameras, access tracks, cabling, landscaping and other habitat creation Clifton Marsh Farm Preston New Road Newton With Clifton Preston PR4 0XE													
Request for a screening opinion for a full application for proposed solar farm comprised of solar arrays to generate C.8MW ancillary equipment under part 2 of of the town and country planning regulations 2017. Land South East Of Glenburn Depot White Moss Road South Skelmersdale Lancashire	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change

Updates to Projects (Deadline 5)		Updates Impact on Topic Specific Screening at Deadline 5											
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	L VIA	Air quality	Climate change	Socio-economics	Aviation
Extension and alterations to dwelling involving: 1) single storey rear extension following demolition of double height bay window; 2) insertion of new first floor window to rear elevation; and 3) insertion of new ground floor window to southeast facing side elevation	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Single storey side and rear extension following demolition of existing side and rear extension	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Erection of two commercial storage units (use class b8) and provision of additional vehicle parking 330955, 431696	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Erection of two storey side extension, two storey rear extension, detached garage to front of dwelling and formation of new vehicle access onto	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change

Updates to Projects (Deadline 5)		Updates Impact on Topic Specific Screening at Deadline 5											
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	L VIA	Air quality	Climate change	Socio-economics	Aviation
mains lane including installation of entrance gates up to 1.96 metres high within front boundary wall 336535, 440159													
1) Erection of single storey rear extension and pergola following demolition of existing rear extension and conservatory; and 2) enlargement and alterations to front entrance 334538, 429271	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Demolition of existing rear conservatory and glazed link to garages and erection of single storey rear extensions including alterations to existing garage roof 334057, 427729	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Demolition of conservatory to rear and erection of single storey rear extension 342214, 428874	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change

Updates to Projects (Deadline 5)		Updates Impact on Topic Specific Screening at Deadline 5											
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	L VIA	Air quality	Climate change	Socio-economics	Aviation
Single storey side and rear extension following demolition of existing outbuilding and extension to front parking area	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Erection of garden room following removal of existing shed 342669, 428854	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Conversion of existing hay barn and shippoon to form 3 no. residential dwellings to be to be built and occupied as self-build/custom dwellings 340301, 440143	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Erection of electricity sub station control kiosk and pump station control kiosk within utility compound, and erection of 2m high gates and fence- Fairfield Nurseries Puddle House Lane Poulton-Le-Fylde Lancashire FY6 8LB	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change

Updates to Projects (Deadline 5)		Updates Impact on Topic Specific Screening at Deadline 5											
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVI	Air quality	Climate change	Socio-economics	Aviation
EIA screening opinion for a proposed residential development of approx. 215 units with access, open space, landscaping and associated site works following demolition of existing commercial buildings- Land At Fouldrey Avenue, Poulton Le Fylde	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Creation of an EV charging zone with canopy, substation, meter cabinet, LV panel GRP enclosure, four covered and enclosed jet wash bays and associated works- 332641 , 442402	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Outline planning application (access applied for only with all other matters reserved) for a residential development of up to 95no. dwellings- 355411, 436987	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change

Updates to Projects (Deadline 5)		Updates Impact on Topic Specific Screening at Deadline 5											
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	L VIA	Air quality	Climate change	Socio-economics	Aviation
1no. ground mounted Solar PV farm and associated infrastructure-347938, 437623	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Outline planning application for the erection of a local centre including flexible floorspace (Use Class E), drinking establishments (sui generis), and hot food takeaways (sui generis), medical centre (Class E(e)), public house (sui generis) with hotel accommodation (Class C1), and retirement apartments (Class C2) (all matters reserved) (pursuant to 06/2020/0966 to seek removal of condition no.17 BREEAM)-349688, 433545	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Request for a formal scoping opinion under Regulation 13 of the Town and Country Planning	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change

Updates to Projects (Deadline 5)		Updates Impact on Topic Specific Screening at Deadline 5											
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	L VIA	Air quality	Climate change	Socio-economics	Aviation
(Environmental Impact Assessment) (England and Wales) Regulations 2011, proposed development for a new employment park, comprising of 5no. Class B2 and/or Class B8 employment units and 2no. drive thru units (Class E/Sui Generis) (total floorspace of 86,462 sqm), together with car and HGV parking areas, vehicular, cycling and pedestrian access off the existing roundabout and internal roads/servicing areas, landscaping, SuDS features, and associated works- 357124, 433283													
12no. 1 bedroom apartments, 12no. 2 bedroom apartments with associated car parking, vehicular access off Francis Street with cycle and bin stores (pursuant to 06/2023/0191 to seek	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change

Updates to Projects (Deadline 5)		Updates Impact on Topic Specific Screening at Deadline 5											
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVA	Air quality	Climate change	Socio-economics	Aviation
variation of condition no.1 approved plans)- 352304, 430122													
1no. three-storey residential development (Class C3) comprising 51no. retirement apartments, with landscaping, car parking and associated works, following demolition of existing buildings- 354221, 430751	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
24/01108/FUL Erection of a neighbourhood convenience store- 357919, 415979	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Flood mitigation and habitat creation project associated with drainage in vicinity of Ribby Hall and Browns Lane, including 1) installation of a culverted watercourse, approximately 800m in length, from browns lane in a south westerly direction to a new attenuation pond that	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change

Updates to Projects (Deadline 5)		Updates Impact on Topic Specific Screening at Deadline 5											
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	LVI	Air quality	Climate change	Socio-economics	Aviation
will discharge to Wrea Brook. 340613, 430884													
Demolition of existing bungalow and detached garage and erection of a detached dormer bungalow within grated balcony feature to the front elevation and detached garage to rear garden 336051, 427335	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Erection of detached garage and connecting canopy with secure access gate to create covered link with existing attached garage and installation of front boundary fence, gates and gateposts up to 1.3 metres in height 331143, 431533	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Formation of 150 parking spaces and a surface water detention basin. 335695, 427971	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change

Updates to Projects (Deadline 5)		Updates Impact on Topic Specific Screening at Deadline 5											
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	L VIA	Air quality	Climate change	Socio-economics	Aviation
Mixed-use development comprising a neighbourhood centre and 58 affordable dwellings, along with associated infrastructure including internal estate road, vehicular access onto cropper road, pedestrian and cycle links, parking, landscaping, public open space, surface water pump station and a suds balancing pond. 334558, 432463	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change
Request for Screening Opinion pursuant to the Town and Country Planning (Environmental Impact Assessment) regulations 2017 in respect of the proposed installation of a 20.1 megawatts-peak solar farm together with ancillary equipment and infrastructure land at Blackpool Airport Squires Gate Lane	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change	No change

Updates to Projects (Deadline 5)		Updates Impact on Topic Specific Screening at Deadline 5											
Project Name	Geology, hydrogeology and ground conditions	Hydrology and flood risk	Onshore ecology and nature conservation	Onshore and intertidal ornithology	Historic environment	Land use and recreation	Traffic and transport	Noise and vibration	L VIA	Air quality	Climate change	Socio-economics	Aviation
Lytham St Annes FY4 2QS													

1.4 Review of the Transmission Assets CEA during Examination

1.4.1 Review of the CEA at Deadline 2

Table 1.11: Deadline 2: Review of the project updates that may affect cumulative effects assessment in the Transmission Assets Environmental Statement

Topic	Deadline 2: Review of potential for further cumulative effects	Effect on conclusion of the ES
Physical processes (Volume 2, Chapter 1(APP-042))	No new projects or projects that have been updated were screened into the CEA for physical processes. As such, no assessment for the cumulative impacts of those projects, new or updated, has been undertaken. There is no effect on the conclusions of the Environmental Statement CEA due to no projects being screened in.	No change to the conclusions of the Environmental Statement
Benthic subtidal and intertidal ecology (Volume 2, Chapter 2 (APP-045))	The Eni Hynet – CCS Project and the Liverpool Bay Area 457 – Westminster Gravels Aggregate Extraction Licence have been identified as having potential for additional cumulative effects with the Transmission Assets for benthic ecology. The Eni Hynet – CCS Project has moved from a Tier 2 project to a Tier 1 project following the submission of the application and the Liverpool Bay Area 457 – Westminster Gravels Aggregate Extraction Licence project has also moved from a Tier 2 project to a Tier 1 project following the submission of the Environmental Statement to support a Marine Licence application for the continued dredging in Area 457. The cumulative effects assessed in Volume 2, Chapter 2: Benthic subtidal and intertidal ecology (APP-045) with potential to be influenced by the information available for these projects include: • Temporary habitat loss/disturbance: For the Tier 1 Eni Hynet – CCS Project, Chapter 7: Marine Biodiversity assessment of the Environmental Statement (Liverpool Bay CCS Ltd., 2024) predicted up to 1.91 km² of subtidal habitat loss/disturbance during construction and up to 72,000 m² during operation and maintenance. The Environmental Statement for the Liverpool Bay Area 457 – Westminster Gravels Aggregate Extraction Licence project (ERM, 2024) outlines that, as a maximum case scenario, it was assumed that the entirety of Area 457 (i.e. 64.8 km²) will be dredged. The Environmental Statement (ERM, 2024) however states that dredging will only take place within the active dredge area which will be discrete and localised. This aligns with the assessment presented in Volume 2, Chapter 2: Benthic subtidal and intertidal ecology (APP-045) which assumed 3.24 km² of disturbance from Liverpool Bay aggregate extraction area 457 based on the assumption that not all of the area would be dredged. The Crown Estate reports that, in 2022, only 3.50% of the total area of seabed licenced to be dredged in the North West region	No change to the conclusions of the Environmental Statement.

Topic	Deadline 2: Review of potential for further cumulative effects	Effect on conclusion of the ES
	was actively dredged (The Crown Estate and MPA Marine Aggregates, 2023). For the purposes of the assessment, the MDS therefore assumed that a precautionary 5% of the total licensed area of Area 457 would be actively dredged during this period. It is unlikely that the whole site will be active at once therefore the impact associated with aggregate extraction at this site will be spread over the full length of the licence therefore resulting in longer-term low-level disturbance. These are small increases compared to the Tier 1 cumulative temporary habitat loss/disturbance during the construction phase of 156.23 km² and the Tier 1 cumulative temporary habitat loss/disturbance during the operations and maintenance phase of 53.11 km² identified in Volume 2, Chapter 2: Benthic subtidal and intertidal ecology (APP-045). Therefore, there is no change from the Transmission Assets CEA (for temporary habitat loss/disturbance), and the cumulative effects remain of minor adverse significance during construction, operations and maintenance and decommissioning. - Increased suspended sediment concentrations (SSC) and associated deposition: modelling undertaken for the Environmental Statement for the Liverpool Bay Area 457 – Westminster Gravels Aggregate Extraction Licence project (ERM, 2024) confirms that plumes arising from the aggregate extraction will run east to west and so will not move towards, and will therefore not interact with, the plumes arising from the Transmission Assets during the construction and operations and maintenance phases. This confirms the assumption included in Volume 2, Chapter 2: Benthic subtidal and intertidal ecology (APP-045). Therefore, there is no change from the Transmission Assets CEA (for increased SSC and associated deposition), and the cumulative effects remain of negligible to minor adverse significance during construction and operations and maintenance. - Long term habitat loss/disturbance: the Eni Hynet – CCS Project has the potential for long term habitat loss during the operations and maintenance phase. For the Tier 1 Eni Hynet – CCS Project, Chapter 7: Marine Biodiversity assessment of the Environmental Statement (Liverpool Bay CCS Ltd., 2024) predicts up to 64,159 m² of long term habitat loss which is a very small increase on the Tier 1 cumulative long term habitat loss of 5.66 km² identified in Volume 2, Chapter 2: Benthic subtidal and intertidal ecology (APP-045). Therefore, there is no change from the Transmission Assets CEA (for long term habitat loss), and the cumulative effects remain of minor adverse significance during construction and operations and maintenance. - Introduction of artificial structures and increased risk of introduction and spread of invasive non-native species: the introduction and spread of invasive non-native species (INNS) during all phases may be facilitated by increased vessel traffic and the presence of introduced hard substrate. For the Tier 1 Eni Hynet – CCS Project, Chapter 7: Marine Biodiversity assessment of the Environmental Statement (Liverpool Bay CCS Ltd., 2024) accounts for the creation of up to 64,169 m² of new hard substrate, up to	

Topic	Deadline 2: Review of potential for further cumulative effects	Effect on conclusion of the ES
	236 vessel return trips during the construction phase and up to 750 return trips over the 25 year lifetime of the project. These represent small increases compared to the Tier 1 cumulative introduction of artificial structures of 6.14 km² identified in Volume 2, Chapter 2: Benthic subtidal and intertidal ecology (APP-045). The increase associated with the Eni Hynet – CCS Project are not considered to result in a change to the Transmission Assets CEA, and the cumulative effects remain of minor adverse significance during construction, operations and maintenance and decommissioning.	
Fish and shellfish ecology (Volume 3, Chapter 2 (APP-048))	The Moor Vannin Lease Area Offshore Windfarm has been identified as having potential for additional cumulative effects with the Transmission Assets for fish and shellfish ecology from those considered in the original Environmental Statement. Specifically, the Moor Vannin Lease area has provided updated temporal dates of its construction, operations and maintenance, and decommissioning phases, which change its overlap with the construction period for the Transmission Assets. Of the other projects within the CEA study area which have been updated, the Isle of Man UK Interconnector 2, Liverpool Bay Area 457 – Westminster Gravels Aggregate Extraction Licence, and the Eni Hynet – Carbon Capture Project are relevant to the fish and shellfish ecology assessment, but none of the updates for these projects materially change the impacts assessed. For the Isle of Man UK Interconnector 2, this was due to no new specific magnitude details for any phase being clarified beyond confirmation of construction dates. For the Liverpool Bay Area 457 – Westminster Gravels Aggregate Extraction Licence, the tier changed due to the submission of an EIA report, but the specific magnitude information in the EIA matched the information previously available from the scoping report and therefore the overall cumulative magnitude was unchanged. Similarly, the Eni Hynet – Carbon Capture Project was updated to tier 1 due to recently being submitted but not yet determined, but the magnitude information was unchanged from the scoping stage that was used in the cumulative assessment. The cumulative effects assessed in Volume 2, Chapter 3: Fish and shellfish ecology (APP-048) with potential to be influenced by the information available for the Moor Vannin Lease area are set out below: Long term habitat loss construction and operations and maintenance phases: The Moor Vannin Lease area construction dates were previously unknown, but the project was previously included in the CEA as a precautionary measure due to its close proximity to the Transmission Assets and the potential for temporal overlap of construction phases. The dates of construction for the Moor Vannin Lease area have been confirmed for 2030-2032, which is outside of the planned offshore construction period of the Transmission Assets. Therefore, the Moor Vannin Lease area will only temporally overlap with the operations and maintenance phase of the Transmission Assets, reducing the overall potential impact on fish and shellfish receptors. Specific areas of long term habitat loss are not currently available for the Moor Vannin Lease area. As the change in programme represents only a slight decrease in magnitude, there is therefore no change from the Transmission Assets CEA for long term habitat loss, and the cumulative effects remain of	No changes to the conclusions of the Environmental Statement.

Topic	Deadline 2: Review of potential for further cumulative effects	Effect on conclusion of the ES
	minor adverse significance during both the construction and operations and maintenance phase for the Transmission Assets. EMFs from subsea electrical cabling operations and maintenance phase: The Mooir Vannin Lease area construction dates were previously unknown, and the Mooir Vannin Lease area was included on a precautionary basis, but have been confirmed for 2030-2032, beyond the construction phase of the Transmission Assets. Therefore, the operations and maintenance phase of the Mooir Vannin, when cables will be operating and producing EMFs, will overlap with the operations and maintenance phase of the Transmission for a shorter period overall, and the magnitude of the impact is likely to be reduced slightly. As no cable specifications are available for the Mooir Vannin Lease area, there is no change from the Transmission Assets CEA for EMFs from subsea electrical cabling, and the cumulative effects remain of minor adverse significance during the operations and maintenance phase for the Transmission Assets. Introduction and colonisation of hard substrata operations and maintenance phase: The Mooir Vannin Lease area construction dates were previously unknown, and the Mooir Vannin Lease area was included on a precautionary basis, but have been confirmed for 2030-2032, which is outside of the planned construction period of the Transmission Assets. The introduced hard substrata for the Mooir Vannin Lease area will temporally overlap with the O&M phase of the Transmission Assets for a shorter period overall, and the magnitude of the impact is likely to be reduced slightly. As no cable specifications are available for the Mooir Vannin Lease area, there is no change from the Transmission Assets CEA for EMFs from introduction and colonisation of hard substrata, and the cumulative effects remain of minor adverse significance during the operations and maintenance phase for the Transmission Assets. Injury due to increased risk of collision all phases: The Mooir Vannin Lease area construction dates were previously unknown, and the Mooir Vannin Lease area was included on a precautionary basis, but have been confirmed for 2030-2032, which is outside of the planned construction period of the Transmission Assets. This will reduce the total number of vessels operating in the local area during the Transmission Assets construction phase and will reduce the number of vessels operating simultaneously throughout all phases of both projects. As the number of vessels involved in the construction, operations and maintenance, and decommissioning phases of the Mooir Vannin Lease area are not currently known, this reduction does not reduce the total cumulative impact. Therefore, the cumulative effect remains of minor adverse significance during all phases for the Transmission Assets.	
Marine mammals (Volume 2, Chapter 4 (APP-050))	Seven projects that have been updated to Tier 1 (see F1.5.5 Volume 1, Annex 5.5: Cumulative screening matrix and location plan (Clean) - Rev F02_F03 (REP1-020) for the complete project list and their Tiers as updated since the application) which are located within the Irish Sea and within the regional marine mammal	No change to the conclusions of the

Topic	Deadline 2: Review of potential for further cumulative effects	Effect on conclusion of the ES
	study area. The cumulative effects that were assessed within Volume 2, Chapter 4: Marine mammals (APP-050) with potential to be influenced by this updated project information include: Injury and disturbance from elevated underwater sound during unexploded ordnance (UXO) clearance The Morgan and Morecambe Transmission Assets CEA concluded a significant cumulative effect for potential injury from UXO clearance for harbour porpoise only (when assessed using the MDS of a high order clearance of a 907 kg UXO), however the Outline Marine Mammal Mitigation Protocol (MMMP) provides a strategy to reduce the magnitude of impacts from elevated underwater sound. Where clearance of UXO is required (i.e. avoidance is not possible) the Applicants have committed (at Examination Deadline 1) to the use of low order UXO clearance only, following engagement with the statutory nature conservation bodies and the Marine Management Organisation. High order UXO clearance will not be authorised under the draft Development Consent Order (DCO). Should high order UXO techniques be required, a separate marine licence will be applied for and will include consideration of secondary mitigation measures such as Noise Abatement Systems. As such, this approach will reduce the magnitude so that no residual significant effect for marine mammals will occur from the project alone. The Morgan and Morecambe Transmission Assets CEA included quantitative information on UXO clearance activities for Tier 1 projects Project Erebus, Mona Offshore Wind Project, Morecambe Offshore Windfarm: Generation Assets, Morgan Offshore Wind Project: Generation Assets, Awel y Môr Offshore Wind Farm and White Cross Offshore Wind Farm. Of the now Tier 1 projects, the only Tier 1 project which is under 100 km from the Morgan and Morecambe Transmission Assets is the Eni Hynet Carbon Capture Project (CCP) (located 5.74 km away) and therefore there is the potential for spatial overlap with underwater sound from UXO clearance. The assessment of UXO clearance for Eni Hynet CCP (based on both high order and low order UXO clearance) concluded that there was no significant effect for the impacts of injury or disturbance for all species. The ES concluded that the implementation of a UXO-specific MMMP would further reduce the likelihood for a significant effect on marine mammals due to UXO clearance. In addition, due to safety reasons UXO clearance activities would take place at a discrete stage prior to the construction phase (2024 to 2027) at Eni Hynet CCP. As such there is considered to be no potential for temporal overlap of UXO clearance with UXO clearance at the Morgan Morecambe Transmission Assets. Of the now Tier 1 projects, Arklow Bank 2, Codling, North Irish Sea Array, Oriel, Liŷr 1 and Dublin Array are all located over 100 km from the Morgan and Morecambe Transmission Assets and therefore there is no potential for spatial overlap in underwater sound from UXO clearance. A summary of the findings of the assessed effects of UXO clearance on marine mammals from these projects is provided below.	Environmental Statement.

Topic	Deadline 2: Review of potential for further cumulative effects	Effect on conclusion of the ES
	The application for Arklow Bank 2, which lies 165.2 km from Morgan and Morecambe Transmission Assets, included an assessment of UXO clearance (based on high order and low order UXO clearance) for two project design options and concluded no significant effect for the impacts of injury and disturbance and will adopt a UXO-specific MMMP. North Irish Sea Array (located 107.7 km from the Morgan and Morecambe Transmission Assets) concluded no significant effect from injury for all species except for minke whale, which was assessed as moderate significance prior to the consideration of mitigation. However, the adoption of a MMMP with specific UXO measures led to a residual conclusion of no significant effect. Disturbance was concluded as not significant for all species for the project alone and scoped out of the CEA in North Irish Sea Array assessment. As no significant effect for minke whale was concluded for the Morgan and Morecambe Transmission Assets and considering the distance between these two projects, and the likelihood that UXO will be cleared prior to construction at the Morgan and Morecambe Transmission Assets (2026), it is anticipated that it is highly unlikely to result in changes to the conclusions of the CEA for the Morgan and Morecambe Transmission Assets. Dublin Array assessed both injury and disturbance due to UXO clearance (based on high order and low order UXO clearance) and concluded that there was no significant effect for all species and identified that mitigation will be applied via an MMMP. Liŷr 1 (located 291.2 km from the Morgan and Morecambe Transmission Assets) will be constructed in 2025 to 2026 and therefore there may be potential for temporal overlap with UXO clearance at the Morgan and Morecambe Transmission Assets, however, Liŷr 1 assessed both injury and disturbance due to UXO clearance (based on high order and low order UXO clearance) and concluded that there was no significant effect for all species, and identified that mitigation will be applied via a UXO-specific MMMP. The Oriel application did not include UXO clearance in their project design envelope. Codling (located 141.23 km from Morgan and Morecambe Transmission Assets) concluded no significant effect from disturbance for all species and no significant effect from injury except for minke whale, which was assessed as moderate significance prior to the consideration of mitigation. However, the adoption of a MMMP led to a residual conclusion of no significant effect. Disturbance was concluded as not significant for all species for the CEA. On the basis of the information presented above, the magnitude of the cumulative impact would not change from that set out in the Environmental Statement and therefore, it is considered that the conclusions of the Morgan and Morecambe Transmission Assets CEA remain unchanged. Potential for injury from underwater sound from UXO detonation during construction remains of moderate adverse significance, which will be reduced through the MMMP such that there is no residual likely significant effect for marine mammals from the project alone and the potential for disturbance from underwater sound during construction remains of minor adverse significance. Injury and disturbance from underwater sound generated from pre-construction survey sources	

Topic	Deadline 2: Review of potential for further cumulative effects	Effect on conclusion of the ES
	For the Morgan and Morecambe Transmission Assets CEA the methodology (as agreed with the Marine Mammal Expert Working Group (EWG) as part of the Morgan Offshore Wind Project: Generation Assets (Appendix C of the Morgan Offshore Wind Project: Generation Assets – Part 1 (A to E) (APP-042)) assumed up to 15 Tier 1 site investigation surveys could be undertaken in the cumulative marine mammal study area. Subsequently, as surveys typically occur over short durations (typically up to 2 months) (based on expert judgement), conservatively the CEA methodology assumed that up to additional two surveys could overlap temporally with the Morgan and Morecambe Transmission Assets site-investigation surveys at any one time. Of the now Tier 1 projects, Arklow Bank 2, Codling Array, North Irish Sea Array, Llŷr 1 and Dublin Array also considered site investigation surveys and each concluded that the impact of disturbance was of minor adverse significance. Oriel considered routine geophysical surveys during the operational phase and concluded that the impact was of slight (minor) adverse significance. Site investigation surveys are predicted to be of local spatial extent, medium term duration and intermittent with high reversibility, and the likelihood of temporal overlap constrained by survey equipment availability. Therefore, it is considered that the conclusions of the Morgan and Morecambe Transmission Assets CEA remain unchanged, and that the cumulative injury and disturbance effect from pre-construction site investigation surveys remains of minor adverse significance. Injury and disturbance to marine mammals from elevated underwater sound due to vessel use and other sound producing activities For the potential injury and disturbance from vessel use and other sound producing activities, the Morgan and Morecambe Transmission Assets assessment has not identified any significant effects. Of the now Tier 1 projects, the only Tier 1 project under 100 km from the Morgan and Morecambe Transmission Assets is the Eni Hynet CCP (located 5.74 km away) and the assessment for injury and disturbance from vessel activity and other noise producing activities concluded a minor adverse significance for the construction, operational and decommissioning phases for the project alone and cumulatively. In addition, the Eni Hynet CCP has committed to an environmental management plan which includes minimising the potential injury to marine mammals. Of the now Tier 1 projects, Arklow Bank 2, Codling Array, North Irish Sea Array, Oriel, Llŷr 1 and Dublin Array all lie over 100 km from the Morgan and Morecambe Transmission Assets and therefore there is no potential for direct spatial overlap in injury and disturbance effect ranges. Arklow Bank 2 predicted no significant effects from injury and disturbance from vessels for the project alone, but excluded the impact from the CEA, and adopts an Environmental Vessel Management Plans which includes measures to minimise the potential disturbance of marine mammals from vessel activities. Codling, North Irish Sea Array and Dublin Array predicted injury and disturbance from elevated underwater sound due to vessels and other sound producing	

Topic	Deadline 2: Review of potential for further cumulative effects	Effect on conclusion of the ES
	activities to be not significant for the construction, operational and decommissioning phases for the project alone and all three have committed to adopting Vessel Management Plans. The effect was excluded from the North Irish Sea Array CEA due to the highly localised impact. Oriel concluded no significant effect from the project alone or cumulatively. For LIŷr 1, the assessment identified vessel noise effects of negligible adverse significance. Considering this conclusion and the distance between the Morgan and Morecambe Transmission Assets and these Tier 1 projects, increased cumulative effects are highly unlikely. On the basis of the information presented above, it is considered that the conclusions of the Morgan and Morecambe Transmission Assets CEA remain unchanged, and that the disturbance from vessel use and other sound producing activities during construction/decommissioning and operation remains of minor adverse significance.	
Offshore ornithology (Volume 2, Chapter 5 (APP-053))	The Mooir Vannin Lease area, Isle of Man UK interconnector 2, Liverpool Bay Area 457 - Westminster Gravels Aggregate Extraction Licence and Eni Hynet – Carbon Capture Project have been identified as having potential for additional cumulative effects with the Transmission Assets for offshore ornithological receptors. The Mooir Vannin Lease area is located outside of the study area used to identify projects for consideration in Habitats Regulations Assessment Stage 2 Information to Support an Appropriate Assessment Part Three – SPA and Ramsar Site assessments (APP-017). The Mooir Vannin Lease area is however located within the offshore ornithology CEA study area and may therefore affect the conclusions of the assessments undertaken in Volume 2, Chapter 5: Offshore ornithology (APP-053). The species that may be affected are those that have a limited vulnerability to the cumulative impacts assessed in Volume 2, Chapter 5: Offshore ornithology (APP-053) and therefore, it is considered highly unlikely that any increase in the magnitude of impacts considered in Volume 2, Chapter 5: Offshore ornithology (APP-053) would be negligible and undetectable in relation to the existing cumulative impact. It is therefore considered that the updates to the information available for the Mooir Vannin Lease area do not result in any changes to the assessments presented in Volume 2, Chapter 5: Offshore ornithology (APP-053) and Habitats Regulations Assessment Stage 2 Information to Support an Appropriate Assessment Part Three –SPA and Ramsar Site assessments (APP-017). The Liverpool Bay Area 457 – Westminster Gravels Aggregate Extraction Licence project (ERM, 2024), Isle of Man UK interconnector 2 project and Eni Hynet – Carbon Capture Project are located within the cumulative study areas considered in both Volume 2, Chapter 5: Offshore ornithology (APP-053) and Habitats Regulations Assessment Stage 2 Information to Support an Appropriate Assessment Part Three – SPA and Ramsar Site assessments (APP-017). However, following the project's commitment to a seasonal restriction on works within the Liverpool Bay SPA plus a 2 km buffer (F1.5.3/F03), the Transmission Assets	No change to the conclusions reached in Volume 2, Chapter 5: Offshore ornithology (APP-053) and Habitats Regulations Assessment Stage 2 Information to Support an Appropriate Assessment Part Three –SPA and Ramsar Site assessments (APP-017)

Topic	Deadline 2: Review of potential for further cumulative effects	Effect on conclusion of the ES
	no longer contribute to a cumulative or in-combination impact on the qualifying features of the Liverpool Bay SPA. Changes to the status of these projects or the submission of additional information would therefore not influence the cumulative and in-combination assessments required for the Transmission Assets. For the remaining species considered in Volume 2, Chapter 5: Offshore ornithology (APP-053), these species have a limited vulnerability to the cumulative impacts assessed in Volume 2, Chapter 5: Offshore ornithology (APP-053) and therefore, it is considered that any increase in the magnitude of impacts considered in Volume 2, Chapter 5: Offshore ornithology (APP-053) would be negligible and undetectable in relation to the existing cumulative impact.	
Commercial fisheries (Volume 2, Chapter 6 (APP-054))	The following projects, for which updated information is now available, fall within the Commercial Fisheries Cumulative Effects Assessment Study Area: • The Mooir Vannin Lease Area has provided updated temporal information regarding its construction, operations and maintenance and decommissioning phases. The confirmed construction period for the Mooir Vannin Lease Area is now scheduled for 2030–2032, which falls outside the planned offshore construction period for the Transmission Assets. As a result, there will be no temporal overlap between the construction phases of the two projects. Any overlap will occur only during the operations and maintenance phase of the Transmission Assets. The updated programme does not introduce any new or additional potential cumulative effects on commercial fisheries receptors. Accordingly, the significance of cumulative effects remains unchanged from that assessed in the CEA for the Transmission Assets. • Due to the absence of specific magnitude details for any phase of the Isle of Man Interconnector 2, beyond confirmation of construction, operations and maintenance and decommissioning timelines, and given the limited associated environmental changes and activities, the project was screened out of the Transmission Assets CEA for commercial fisheries receptors. To date, no additional information has been provided beyond updated temporal data, and the proposed route of the Isle of Man Interconnector 2 remains undefined. Accordingly, the updated information submitted does not introduce any new potential cumulative effects in relation to the Transmission Assets and the project remains screened out of the CEA review. • Updated information submitted for the Liverpool Bay Area 457 confirms that the project lies outside the commercial fisheries CEA study area for the Transmission Assets. As such, it is not considered further in the CEA review, given the absence of a physical effect–receptor pathway. • The Eni Hynet – CCS Project will repurpose pre-existing oil and gas infrastructure, effectively transforming the site into a CCS facility with minimal changes to the surrounding marine environment.	No change to the conclusions of the Environmental Statement.

Topic	Deadline 2: Review of potential for further cumulative effects	Effect on conclusion of the ES
	Where new infrastructure is required, it will be installed either within the existing operational footprint or in close proximity to existing linear infrastructure. Given the limited environmental changes and additional activities associated with this project, it was screened out of the CEA for commercial fisheries receptors. The updated information presented does not introduce new potential cumulative effects with the Transmission Assets, and therefore, the project has been screened out of the CEA review. None of these updates result in any changes to the conclusions of the cumulative assessment for commercial fisheries, as presented in the Environmental Statement.	
Shipping and navigation (Volume 2, Chapter 7 (APP-056))	The proposed route of the Isle of Man Interconnector 2 is not currently defined, however based on the information provided, there is potential for the cable to be located within the shipping and navigation CEA study area. The East Irish Sea Transmission Project, formerly known as the Mooir Vannin Transmission Assets, are located within the shipping and navigation CEA study area. It is noted that the specific cable route/s associated with this project are not yet defined and the export cable corridor search area is wide reaching. Cable installation and maintenance and repair activities associated with the two aforementioned cable projects have the potential to disrupt traffic navigating through the shipping and navigation CEA study area during their cable installation or through-life repairs. It is assumed that these projects would be required to implement similar measures to those outlined for the Transmission Assets as outlined in section 7.8 of Volume 2, Chapter 7: Shipping and navigation (APP-056) in order to reduce their impacts as far as practical, such as a Vessel Traffic Management Plan, Notice to Mariners (NtMs) and compliance with international conventions such as the Collision Regulations and Safety of Life at Sea (SOLAS) Convention. The cumulative effects assessed in section 7.13 of Volume 2, Chapter 7: Shipping and navigation (APP-056) with potential to be influenced by the two cable projects include: Impact to commercial operators including strategic routes and lifeline ferries in both typical and adverse weather conditions: the newly identified cable project will result in increased vessel traffic if their final locations are in close proximity to the Transmission Assets, which has the potential to result in a minor change to the magnitude of impacts to shipping routes. The spatial extent of the potential impact is relatively small and the impacts will be of short duration. The anticipated increase in traffic is small compared to the baseline and would be managed through appropriate risk controls (such as NtMs and adherence to the International Regulations for preventing collisions at sea 1972 (COLREGs)), and therefore the significance of the cumulative effects would not change from that assessed in the Transmission Assets CEA.	No change to the conclusions of the Environmental Statement.

Topic	Deadline 2: Review of potential for further cumulative effects	Effect on conclusion of the ES
	- Impact on emergency response capability due to increased incident rates and reduced access for search and rescue responders: This will be managed by the respective projects, through for example an Emergency Response and Cooperation Plan (ERCoP), and therefore the significance of the cumulative effects would not change from that assessed in the Transmission Assets CEA. - Impact of vessel-to-vessel collision risk: the cable projects will result in minor increases in vessel traffic which has the potential to result in a small change in the magnitude of impact of vessel-to-vessel collision risk. The spatial extent of the potential impact is minimal and the impacts will be of short duration. Given the available searoom, minor increase in vessel movements and effective management through appropriate risk controls (such as NtMs and adherence to COLREGs), the significance of the cumulative effects would not change from that assessed in the Transmission Assets CEA. - Impact on recreational craft passages and safety: the cable projects will result in increased vessel traffic which has the potential to result in a minor change in the magnitude of impact of vessel-to-vessel collision risk, including with recreational craft. The spatial extent of the potential impact is relatively small and the impacts will be of short duration. Given the available searoom, minor increases in vessel movements and effective management through appropriate risk controls (such as NtMs and adherence to COLREGs), the significance of the cumulative effects would not change from that assessed in the Transmission Assets CEA. - Impact on snagging risk to vessel anchors and fishing gear and impact on under keel clearance (UKC): additional cables and associated cable crossings have the potential to increase the likelihood of snagging risk to vessel anchors and fishing gear, as well as impact on reducing UKC across the shipping and navigation cumulative study area, however, the measures likely to be put in place to manage this risk (such as marking and charting, cable burial or protection, fisheries liaison and maximum 5% reduction in UKC in line with Maritime and Coastguard Agency guidance) are robust. The significance of the cumulative effects would not change from that assessed in the Transmission Assets CEA. - Impact on oil and gas navigation, operations and safety: The presence of cable laying vessels and Transmission Assets construction vessels near to oil and gas operations could cause temporary and minor modifications for ongoing oil and gas operations and ongoing platform decommissioning activities. If cable routing is in proximity to oil and gas assets, these would cause a minor increase in traffic and deviations around cable installation or repair activities which could affect oil and gas navigation, operations and safety. However, it is assumed that these projects would be required to implement similar measures to those outlined for the Transmission Assets, including a Vessel Traffic Management Plan, NtMs and ERCoPs, and therefore the significance of the cumulative effects would not change from that assessed in the Transmission Assets CEA.	

Topic	Deadline 2: Review of potential for further cumulative effects	Effect on conclusion of the ES
Marine archaeology (Volume 2, Chapter 8 (APP-059))	Only Isle of Man UK Interconnector 2 and the Millom East Assets are within the Marine Archaeology Cumulative Effects Assessment Study Area. • The updated temporal dates of construction, operations and maintenance and decommissioning of the Isle of Man UK Interconnector 2 do not lead to increased impacts to those assessed in the Transmission Assets ES as no new specific magnitude details for any phase have been clarified beyond the confirmation of construction dates. • The updated decommissioning programme for the Millom East Assets is not relevant to the impacts considered in the Marine archaeology CEA assessment as no new specific magnitude details have been clarified beyond the confirmation of decommissioning dates.	No change to the conclusions of the Environmental Statement.
Other sea users (Volume 2, Chapter 9 (APP-061))	The following projects with updated information are within the Other Sea Users Cumulative Effects Assessment Study Area: • The Mooir Vannin Lease area, for which there are updated temporal data • The Isle of Man interconnector 2, for which there are updated temporal data • Liverpool Bay Area 457, which has been updated to a Tier 2 project • The Millom East Assets, which have updated decommissioning programmes • The Eni Hynet project, which has been updated to a Tier 1 project. • MaresConnect Interconnector Surveys, a project newly identified and added to the long list • The Installation of navigational marker beacons, flap valves, and concrete repairs at Rhos on Sea, a project newly identified and added to the long list. The cumulative effect assessed in Volume 2, Chapter 9: Fish and shellfish ecology (APP-054) with potential to be influenced by the information available for the above projects is the Reduction or restriction of other offshore energy activities, which is assessed as being of minor adverse significance. None of the updated information for the above projects would result in an update to the low magnitude of this impact or the medium sensitivity of the receptors assessed for this impact, and therefore there would be no change to the conclusion of minor adverse significance presented in section 9.13.2 of Volume 2, Chapter 9: Other sea users of the ES.	No change to the conclusions of the Environmental Statement.

Topic	Deadline 2: Review of potential for further cumulative effects	Effect on conclusion of the ES
Geology, hydrogeology and ground conditions (Volume 3, Chapter 1 (APP-068))	No new projects or projects that have been updated were screened into the CEA for Geology, hydrogeology and ground conditions. As such, no assessment for the cumulative impacts of those projects, new or updated, has been undertaken. There is no effect on the conclusions of the Environmental Statement CEA due to no projects being screened in.	No change to the conclusions of the Environmental Statement
Hydrology and flood risk (Volume 3, Chapter 2 (APP-070))	No new projects or projects that have been updated were screened into the CEA for Hydrology and flood risk. As such, no assessment for the cumulative impacts of those projects, new or updated, has been undertaken. There is no effect on the conclusions of the Environmental Statement CEA due to no projects being screened in.	No change to the conclusions of the Environmental Statement
Onshore ecology and nature conservation (Volume 3, Chapter 3 (APP-076))	The following projects with updated information are within the onshore ecology and nature conservation study area are: • Installation of a 32 hectare solar farm, with associated infrastructure including: series of solar photovoltaic arrays, switch rooms, substations, inverters power stations, fencing, pole mounted CCTV cameras, access tracks and landscaping and biodiversity measures. • Request for screening opinion pursuant to the Town and Country Planning (EIA) Regulations 2017 in respect of Proposed Development of a ground mounted photovoltaic solar array farm (capacity up to 49.9 MW AC) and associated ancillary development, and, a battery storage system (approximately 40 MW AC) and associated ancillary development. • Installation of 49.9MW solar farm with associated infrastructure including: series of solar photovoltaic modules in arrays with string converters. transformers, substation, fencing and thermal CCTV cameras, access tracks, cabling, landscaping and other habitat creation. • Flood mitigation and habitat creation project associated with drainage in vicinity of Ribby Hall and Browns Lane, including 1) Installation of a culverted watercourse, approximately 800 m in length, from Browns Lane in a south westerly direction to a new attenuation pond that will discharge to Wrea Brook. • Request for screening opinion pursuant to the town and country planning (environmental impact assessment) regulations 2017 in respect of the proposed installation of a 20.1MW -peak solar farm together with ancillary equipment and infrastructure land at Blackpool Airport squires gate lane Lytham St Annes FY4 2QS.	No change to the conclusions of the Environmental Statement.

Topic	Deadline 2: Review of potential for further cumulative effects	Effect on conclusion of the ES
Onshore and intertidal ornithology (Volume 3, Chapter 4 (APP-090))	The following projects with updated information are within the onshore and intertidal ornithology study area are: • Installation of a 32 hectare solar farm, with associated infrastructure including: series of solar photovoltaic arrays, switch rooms, substations, inverters power stations, fencing, pole mounted CCTV cameras, access tracks and landscaping and biodiversity measures. • Installation of 49.9MW solar farm with associated infrastructure including: series of solar photovoltaic modules in arrays with string converters. transformers, substation, fencing and thermal CCTV cameras, access tracks, cabling, landscaping and other habitat creation • Request for screening opinion pursuant to the town and country planning (environmental impact assessment) regulations 2017 in respect of the proposed installation of a 20.1MW -peak solar farm together with ancillary equipment and infrastructure land at Blackpool Airport squires gate lane Lytham St Annes FY4 2QS Although detailed information on the two proposed solar farms was not available at the application stage, the cumulative effects of projects were assessed in Volume 3, Chapter 4: Onshore and intertidal ornithology (APP-090) based on their footprint and their assumed significance for birds. Consequently, as the footprint of these projects remains unchanged, none of the updated information regarding these projects would lead to any changes in the conclusions of the cumulative assessment for onshore and intertidal ornithology presented in the Environmental Statement. The Blackpool Airport project is entirely contained within Blackpool Airport, where birds are managed due to safety concerns, as they pose a potential hazard to aviation. Therefore, this project will have no additional impact.	No change to the conclusions of the Environmental Statement.
Historic environment (Volume 3, Chapter 5 (APP-096))	No new projects or projects that have been updated were screened into the CEA for Historic environment. As such, no assessment for the cumulative impacts of those projects, new or updated, has been undertaken. There is no effect on the conclusions of the Environmental Statement CEA due to no projects being screened in.	No change to the conclusions of the Environmental Statement
Land use and recreation (Volume 3, Chapter 6 (APP-104))	No new projects or projects that have been updated were screened into the CEA for Land use and recreation. As such, no assessment for the cumulative impacts of those projects, new or updated, has been undertaken. There is no effect on the conclusions of the Environmental Statement CEA due to no projects being screened in.	No change to the conclusions of the Environmental Statement

Topic	Deadline 2: Review of potential for further cumulative effects	Effect on conclusion of the ES
Traffic and transport (Volume 3, Chapter 7 (APP-108))	No new projects or projects that have been updated were screened into the CEA for Traffic and transport. As such, no assessment for the cumulative impacts of those projects, new or updated, has been undertaken. There is no effect on the conclusions of the Environmental Statement CEA due to no projects being screened in.	No change to the conclusions of the Environmental Statement
Noise and vibration (Volume 3, Chapter 8 (APP-117))	No new projects or projects that have been updated were screened into the CEA for Noise and vibration. As such, no assessment for the cumulative impacts of those projects, new or updated, has been undertaken. There is no effect on the conclusions of the Environmental Statement CEA due to no projects being screened in.	No change to the conclusions of the Environmental Statement
Air Quality (Volume 3, Chapter 9 (APP-121))	No new projects or projects that have been updated were screened into the CEA for Air Quality. As such, no assessment for the cumulative impacts of those projects, new or updated, has been undertaken. There is no effect on the conclusions of the Environmental Statement CEA due to no projects being screened in.	No change to the conclusions of the Environmental Statement
Landscape and visual resources (Volume 3, Chapter 10 (APP-123))	No new projects or projects that have been updated were screened into the CEA for Landscape and visual resources. As such, no assessment for the cumulative impacts of those projects, new or updated, has been undertaken. There is no effect on the conclusions of the Environmental Statement CEA due to no projects being screened in.	No change to the conclusions of the Environmental Statement
Aviation and Radar (Volume 3, Chapter 11 (APP-130))	No new projects or projects that have been updated were screened into the CEA for Aviation and Radar. As such, no assessment for the cumulative impacts of those projects, new or updated, has been undertaken. There is no effect on the conclusions of the Environmental Statement CEA due to no projects being screened in.	No change to the conclusions of the Environmental Statement
Climate change (Volume 4, Chapter 1 (APP-138))	No new projects or projects that have been updated were screened into the CEA for Climate change. As such, no assessment for the cumulative impacts of those projects, new or updated, has been undertaken. There is no effect on the conclusions of the Environmental Statement CEA due to no projects being screened in.	No change to the conclusions of the Environmental Statement
Inter-relationships (Volume 4, Chapter 3 (APP-143))	No new projects or projects that have been updated were screened into the CEA for Inter-relationships. As such, no assessment for the cumulative impacts of those projects, new or updated, has been undertaken. There is no effect on the conclusions of the Environmental Statement CEA due to no projects being screened in.	No change to the conclusions of the Environmental Statement

1.4.2 Review of the CEA at Deadline 5

Table 1.12: Deadline 5: Review of the project updates that may affect cumulative effects assessment in the Transmission Assets Environmental Statement

Topic	Deadline 5 - Review of potential for further cumulative effects	Effect on conclusion of the ES
Physical processes (Volume 2, Chapter 1 (APP-042))	<u>East Irish Sea Transmission Project</u> The East Irish Sea Transmission Project has moved from a Tier 3 project to a Tier 2 project following the submission of the Scoping Report. Within the physical processes ES chapter, the East Irish Sea Transmission Project (formally Mooir Vannin UK Transmission Assets) was included within the in the list of other projects, plans and activities considered within the CEA, however, no further assessments have been provided due to the very limited information currently available. The construction of East Irish Sea Transmission Project between the Mooir Vannin Offshore Wind Farm and the UK has the potential to occur during the construction phase of the Transmission Assets on the basis that as outlined in the scoping report, it is planned for consent in 2028. Cable installation activities would likely be of similar magnitude and extent as those associated with the Transmission Assets cable installation operations. Dependent on the cable routing and construction programme associated with the project, a cumulative impact may arise with the Transmission Assets with regards to increases suspended sediment concentrations. The scoping report presents the area over which suspended sediment plumes may be advected and this intersects with the Transmission Assets Zone of Influence. However, it is anticipated that this impact would be temporary in nature and of limited scale and cumulative impacts would only occur if construction activities were undertaken within circa 10 km of each other at the same time. Further information provided in East Irish Sea Transmission Project Scoping Report has clarified that the proposed landfall options lie out with the CEA Transmission Assets study area at the shoreline limiting the potential for cumulative impacts. <u>Moor Vannin Offshore Wind Farm</u> The Moor Vannin Offshore Wind Farm has moved from a Tier 2 project to a Tier 1 project following the submission of the application for a marine licence (which included provision of an Environmental Statement), and the application has been accepted for examination. The Moor Vannin Offshore Wind Farm application (Moor Vannin Offshore Wind Farm Limited, 2025a) outlines that the construction phase is due to start four years after the commencement of the Transmission Assets construction phase. Therefore, the potential for cumulative impacts is further	No change to the conclusions of the Environmental Statement.

Topic	Deadline 5 - Review of potential for further cumulative effects	Effect on conclusion of the ES
	reduced from those outlined in the physical processes assessment which assumed an overlap of the construction phases relating to both projects which determined that, even under these conditions, there is very limited potential for sediment plumes to coalesce. Modelling undertaken as part of the Mooir Vannin application supports the Transmission Assets assessment which notes that due to the alignment of the projects and prevailing currents sediment plumes and subsequent sedimentation would have limited overlap. To summarise, there is no change from the Transmission Assets CEA conclusion that overall, there will be no significant cumulative effects from the Transmission Assets alongside other projects/plans.	
Benthic subtidal and intertidal ecology (Volume 2, Chapter 2 (APP-045))	The East Irish Sea Transmission Project has moved from a Tier 3 project to a Tier 2 project following the submission of the Scoping Report. The Mooir Vannin Offshore Wind Farm has moved from a Tier 2 project to a Tier 1 project following the submission of the Environmental Statement as part of a Marine Licence application for the construction, operation and maintenance and decommissioning of the infrastructure. Additionally, dredging at the Mostyn Energy Park Extension Project has also been identified as a Tier 1 project following the submission of a Marine Licence application. The cumulative effects assessed in Volume 2, Chapter 2: Benthic subtidal and intertidal ecology (APP-045) with potential to be influenced by the information available for either all or some of these projects (as identified in the text) include: <u>Temporary habitat loss/disturbance</u> The Environmental Statement for the East Irish Sea Transmission Project confirms that there is the potential for temporary, direct habitat disturbance during construction and decommissioning activities due to, for example, seabed preparation, cable laying, foundation installation and the use of jack up vessels or vessel anchoring. In addition, similar temporary seabed habitat loss / disturbance impacts may arise during the operation and maintenance phase should any cable repairs be required. The scoping report does not however provide estimates of habitat disturbance with which to make any quantitative assessment but does confirm that the project will not overlap with the Fylde MCZ. The seabed disturbance associated with the East Irish Sea Transmission Project is likely to be similar in both nature and magnitude to that arising from the construction, maintenance and decommissioning of export cables for the Transmission Assets. There will be no cumulative disturbance to the Fylde MCZ as a result of the Transmission Assets and the East Irish Sea Transmission Project.	No change to the conclusions of the Environmental Statement.

Topic	Deadline 5 - Review of potential for further cumulative effects	Effect on conclusion of the ES
	The Mooir Vannin Offshore Wind Farm construction and operation and maintenance phases may overlap with the operation and maintenance phase of the Transmission Assets. The construction of Mooir Vannin Offshore Wind Farm may result in 44,870,000 m² of temporary habitat disturbance/loss as a result of subtidal seabed preparation, cable installation, anchoring, jack-up vessels and intertidal trenching (Mooir Vannin Offshore Wind Farm Limited, 2025a). The MDS for temporary habitat disturbance and loss associated with the operations and maintenance phase includes up to 420,000 m² for cable reburial, 6,500,000 m² for cable repair and 61,416,448 m² for jack-up vessels and anchors (Mooir Vannin Offshore Wind Farm Limited, 2025a). The inclusion of the quantified MDS for Mooir Vannin Offshore Wind Farm represents an increase in the quantified cumulative temporary habitat disturbance, however this still represents a very small proportion of the total CEA benthic subtidal and intertidal ecology study area. The maintenance dredging at the Mostyn Energy Park Extension Project may result in temporary habitat disturbance as a result of the dredging and disposal of 600,000 m³ of material per year during the construction phase of the transmission assets (The Port of Mostyn Ltd, 2023). The habitat loss associated with this would be localised to the same area in the Dee Estuary and would be a small increase compared to the Tier 1 cumulative temporary habitat loss/disturbance during the construction phase of 156.23 km² and the Tier 1 cumulative temporary habitat loss/disturbance during the operations and maintenance phase of 53.11 km² as identified in Volume 2, Chapter 2: Benthic subtidal and intertidal ecology (APP-045). Therefore, there is no change from the conclusions of the Transmission Assets CEA (for temporary habitat loss/disturbance), and the cumulative effects remain of minor adverse significance during construction, operations and maintenance and decommissioning. <u>Increased suspended sediment concentrations (SSC) and associated deposition</u> The Scoping Report for the East Irish Sea Transmission Project confirms that there is the potential for temporary increases in SSC and sediment deposition due to construction (e.g., cable installation), operation and maintenance (e.g., cable repair) and decommissioning (e.g., scour protection removal) activities. The scoping report does not however provide any assessment of the magnitude of this impact (e.g. modelling results) with which to make any quantitative assessment but does confirm that the project will not overlap with the Fylde MCZ. As outlined above for Physical Processes, cable installation activities would likely be of similar magnitude and extent as those associated with the Transmission Assets cable installation operations. Dependent on the cable routing and construction programme associated with the cable, a cumulative impact may arise with the Transmission Assets with regards to increases suspended sediment concentrations. The scoping report presents the area over which suspended sediment plumes may be advected and this intersects with the Transmission Assets Zone of Influence. However, it is	

Topic	Deadline 5 - Review of potential for further cumulative effects	Effect on conclusion of the ES
	anticipated that this impact would be temporary in nature and of limited scale and cumulative impacts would only occur if construction activities were undertaken within circa 10 km of each other at the same time. Further information provided in East Irish Sea Transmission Project Scoping Report has clarified that the proposed landfall options lie out with the CEA Transmission Assets study area at the shoreline limiting the potential for cumulative impacts. The Mooir Vannin Offshore Wind Farm construction and operation and maintenance phases may overlap with the operation and maintenance phase of the Transmission Assets. The modelling for the Mooir Vannin Offshore Wind Farm identified that additive effects from suspended sediments may only occur within 12 km of the activities (Moor Vannin Offshore Wind Farm Limited, 2025a). The Transmission Assets are 6 km from the Mooir Vannin Array Area however operations and maintenance activities will be intermittent and spatially limited, therefore the scope for cumulative effects is minimal. Therefore, there is no change from the conclusions of the Transmission Assets CEA (for increased SSC and sediment deposition), and the cumulative effects remain of negligible to minor adverse significance during construction and operations and maintenance. <u>Long term habitat loss/disturbance</u> The Scoping Report for the East Irish Sea Transmission Project confirms that the project has the potential for long term habitat loss/alteration during the operations and maintenance phase associated with the presence of infrastructure such as foundations, scour protection and cable protection. The scoping report does not however provide estimates of habitat loss with which to make any quantitative assessment but does confirm that the project will not overlap with the Fylde MCZ. The habitat loss associated with the East Irish Sea Transmission Project is likely to be similar in both nature and magnitude to that arising from the Transmission Assets. There will be no cumulative long term habitat loss to the Fylde MCZ as a result of the Transmission Assets and the East Irish Sea Transmission Project. The Mooir Vannin Offshore Wind Farm may result in up to 3,737,565 m2 of long term habitat loss (Moor Vannin Offshore Wind Farm Limited, 2025a). The inclusion of the quantified MDS for Mooir Vannin Offshore Windfarm represents an increase in the quantified cumulative long term habitat loss however cumulatively this still represents a very small proportion of the total CEA benthic subtidal and intertidal ecology study area. Therefore, there is no change from the conclusions of the Transmission Assets CEA (for long term habitat loss), and the cumulative effects remain of minor adverse significance during construction and operations and maintenance.	

Topic	Deadline 5 - Review of potential for further cumulative effects	Effect on conclusion of the ES
	<u>Introduction of artificial structures and increased risk of introduction and spread of invasive non-native species</u> The Scoping Report for the East Irish Sea Transmission Project confirms that the project has the potential for man-made structures such as foundations, scour protection and cable protection on the seabed to be colonised by a variety of marine organisms which may result in an increase in local biodiversity and alterations to near field benthic ecology of the area. The scoping report does not however provide estimates of the extent of hard structures that will be introduced with which to make any quantitative assessment but does confirm that the project will not overlap with the Fylde MCZ. The habitat introduced and colonised associated with the East Irish Sea Transmission Project is likely to be similar in both nature and magnitude to that arising from the Transmission Assets. There will be no cumulative introduction of hard substrate in to the Fylde MCZ as a result of the Transmission Assets and the East Irish Sea Transmission Project. For the Mooir Vannin Offshore Wind Farm there is the potential for the creation of 4,995,735 m² of artificial structures as well as 2,980 vessel return trips in the construction phase and 1,565 vessel trips per year in the operations and maintenance phase (Moor Vannin Offshore Wind Farm Limited, 2025a). The inclusion of the quantified MDS for the Mooir Vannin Offshore Wind Farm represents an increase in the quantified cumulative extent of artificial structures however this still represents a very small proportion of the total CEA benthic subtidal and intertidal ecology study area. Therefore, there is no change from the conclusions of the Transmission Assets CEA and the cumulative effects remain of minor adverse significance during construction, operations and maintenance and decommissioning.	
Fish and shellfish ecology (Volume 3, Chapter 2 (APP-048))	The East Irish Sea Transmission Project has moved from a Tier 3 project to a Tier 2 project following the submission of the Scoping Report. The Mooir Vannin Offshore Wind Farm has moved from a Tier 2 project to a Tier 1 project following the submission of the Environmental Statement to support a Marine Licence application for the construction, operations and maintenance and decommissioning of the infrastructure. Additionally, dredging at the Mostyn Energy Park Extension Project has also been identified as a Tier 1 project following the submission of a Marine Licence application. The cumulative effects assessed in Volume 2, Chapter 3: Fish and shellfish ecology (APP-048) with potential to be influenced by the information available for either all or some of these projects (as identified in the text) includes:	No change to the conclusions of the Environmental Statement.

Topic	Deadline 5 - Review of potential for further cumulative effects	Effect on conclusion of the ES
	<u>Temporary habitat loss/disturbance</u> The Scoping Report for the East Irish Sea Transmission Project confirms there is potential for seabed preparation, cable laying, foundation installation, and the use of jack up vessels or vessel anchoring during the construction and decommissioning phases which may result in temporary habitat loss/disturbance. In addition, similar temporary seabed habitat loss / disturbance impacts may arise during the operation and maintenance phase should any cable repairs be required. The Scoping Report does not provide estimates of habitat disturbance, but the seabed disturbance associated with the East Irish Sea Transmission Project is likely to be similar in both nature and magnitude to that arising from the installation, maintenance and decommissioning of export cables for the Transmission Assets. The Mooir Vannin Offshore Wind Farm construction and operation and maintenance phases may overlap with the operation and maintenance phase of the Transmission Assets. The construction of the Mooir Vannin Offshore Wind Farm may cause temporary disturbance to up to 44,870,000 m² of seabed, from seabed preparation, boulder clearance, sandwave clearance, cable installation, and anchor footprints (Mooir Vannin Offshore Wind Farm Limited, 2025b), with decommissioning expected to have a smaller magnitude than construction. The temporary habitat disturbance and loss associated operations and maintenance phase includes up to 420,000 m² for cable reburial, 6,500,000 m² for cable repair and 61,416,448 m² for jack-up vessels and anchors (Mooir Vannin Offshore Wind Farm Limited, 2025b). The dredging at the Mostyn Energy Park Extension Project may result in temporary habitat disturbance as a result of the dredging and disposal of 600,000 m³ of material per year during the construction phase of the Transmission Assets (The Port of Mostyn Ltd, 2023). However, as this is an existing port area, it is unlikely that fish or shellfish have any significant spawning or nursery grounds in the impacted area and therefore the cumulative contribution of this loss will be minimal. These are small increases compared to the Tier 1 cumulative temporary habitat loss/disturbance during the construction phase of 155.31 km² identified in Volume 2, Chapter 3: Fish and shellfish ecology (APP-048). Therefore, there is no change from the conclusions of the Transmission Assets CEA (for temporary habitat loss/disturbance), and the cumulative effects remain of minor adverse significance during construction and decommissioning. <u>Underwater sound from UXO clearance</u> The Scoping Report for the East Irish Sea Transmission Project confirms that underwater sound may be generated during construction activities such as pile driving for up to three offshore booster stations or the clearance (low or high order) of UXOs which may result in physical and behavioural impacts to fish and shellfish communities. The Scoping Report does not, however, quantify the extent of predicted underwater sound impacts or the expected number of UXO clearances required, but it is unlikely that the number will significantly exceed those identified for the Transmission Assets, due to the close proximity of	

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	both projects. Furthermore, underwater sound arising from the offshore booster station(s) installation, if piled foundations were to be used, would be of short duration (up to four legs per station and three piles per leg). The Mooir Vannin Offshore Wind Farm has identified up to 30 UXO requiring clearance within the construction area, with a maximum of five UXO requiring high order detonation. For any other UXO, the Mooir Vannin Generation Project has a commitment to use low order clearance where practical (Mooir Vannin Offshore Wind Farm Limited, 2025b), which will reduce the overall potential for cumulative UXO clearance impacts. No UXO clearances are required for the Mostyn Energy Park Extension Project, and therefore this project does not add to this cumulative impact. Therefore, there is no change from the Transmission Assets CEA (for underwater sound from UXO clearance), and the cumulative effects remain of minor adverse significance during construction. <u>Underwater sound from all other activities during all phases</u> The Scoping Report for the East Irish Sea Transmission Project has scoped out the impact of underwater sound associated with vessels for operation and maintenance, and the sound generated by operating cables. This is due to the negligible magnitude of sound emissions from cables, and the sound from vessels being non-impulsive and representing only a temporary and infrequent minor impact to fish and shellfish species. The Mooir Vannin Offshore Wind Farm has assessed the installation of up to 87 wind turbine generators by piling at a maximum hammer energy of 6,600 kJ (Mooir Vannin Offshore Wind Farm Limited, 2025b), but this does not temporally overlap with the construction phase of the Transmission Assets. Therefore there is only potential for temporal overlap with underwater sound from vessels and maintenance activities associated with the Transmission Assets and so the potential for cumulative impact is considered to be minimal. The Mostyn Energy Park Extension Project will involve dredging and associated vessel activities, but this is unlikely to significantly add to the magnitude of the cumulative impact alongside other larger Tier 1 projects. The dredging associated with the Mostyn Energy Park Extension Project will cause local minor vessel and dredging noise impacts, but the intermittent and local nature of these activities indicates that this is unlikely to significantly increase the cumulative impact overall. For these reasons, there is no change from the conclusions of the Transmission Assets CEA (for underwater sound from all other activities during all phases), and the cumulative effects remain of minor adverse significance during all phases.	

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	<u>Increased SSCs and associated sediment deposition</u> The Scoping Report for the East Irish Sea Transmission Project confirms increases in SSC and associated deposition may occur during construction from installation of cables and seabed preparation activities, and from scour protection removal during decommissioning. The expected increase is not quantified within the Scoping Report, but it is unlikely that any increases would exceed those resulting from similar activities for the Transmission Assets, due to the close proximity of the projects and their similar seabed conditions. The modelling for the Mooir Vannin Offshore Wind Farm identified that additive effects from suspended sediments may only occur within 12 km of the activities (Mooir Vannin Offshore Wind Farm Limited, 2025a). The Transmission Assets are 6 km from the Mooir Vannin Array Area however operations and maintenance activities will be intermittent and spatially limited, therefore the scope for cumulative effects is minimal. Therefore, there is no change from the conclusions of the Transmission Assets CEA (for increased SSCs and associated sediment deposition), and the cumulative effects remain of minor adverse significance during construction and decommissioning. <u>Long term habitat loss</u> The Scoping Report for the East Irish Sea Transmission Project confirms that the presence of infrastructure such as foundations, scour protection, cables, and cable protection during the operations and maintenance phase may cause the removal or degradation of spawning, nursery, or feeding grounds for fish and shellfish species. The Scoping Report indicates the presence of up to three Offshore Booster Stations on suction caisson jacket foundations with associated scour protection, and a maximum permanent Offshore Export Cable corridor width of 1,200 m with associated cable protection and cable crossings. However, the expected areas of introduced infrastructure which could cause long term habitat loss are not provided, and therefore the area is unlikely to significantly exceed the area of the Transmission Assets infrastructure due to the similar length and design of both projects. The Mooir Vannin Offshore Wind Farm may result in up to 3,737,565 m² of long term habitat loss (Mooir Vannin Offshore Wind Farm Limited, 2025b), which does not represent a significant increase in comparison to the large areas of unimpacted similar sedimentary environments present extensively throughout the CEA study area. Therefore, there is no change from the conclusions of the Transmission Assets CEA (for long term habitat loss), and the cumulative effects remain of minor adverse significance during the operations and maintenance phase.	

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	<u>EMF from subsea electrical cabling</u> The Scoping Report for the East Irish Sea Transmission Project has scoped out the impact of EMF disturbance from subsea cables, due to the known rapid attenuation of EMFs to background levels within approximately 10 metres of an operating cable. Although fish and shellfish species are known to be impacted by EMFs, the magnitude produced by the East Irish Sea Transmission Project is unlikely to have any significant effect on fish and shellfish populations within the vicinity of the cable. The Mooir Vannin Offshore Wind Farm scoped out the impact of operational EMFs of fish and shellfish ecology receptors (Mooir Vannin Offshore Wind Farm Limited, 2025b). The introduction of up to 40 km of interlink cables, 490 km of array cables, 60 km of Offshore Electrical Connection Cables, and up to 100 km of Offshore Export Cables does not represent a significant increase in EMF production within the CEA study area due to the attenuation of EMFs to background levels within a short distance from the source. The Mostyn Energy Park Extension Project will not introduce any cables (The Port of Mostyn Ltd, 2023) and therefore will not contribute to the cumulative EMF impact. Therefore, there is no change from the conclusions of the Transmission Assets CEA (for EMF from subsea electrical cabling), and the cumulative effects remain of minor adverse significance during the operations and maintenance phase. <u>Introduction and colonisation of hard substrata</u> The Scoping Report for the East Irish Sea Transmission Project does not consider the specific effects of introduction and colonisation of hard substrata but the extent of introduced hard substrate is likely to be similar to that associated with the Transmission Assets infrastructure. The Mooir Vannin Offshore Wind Farm may result in the introduction of up to 3,737,565 m² of hard substrata on which species could colonise (Mooir Vannin Offshore Wind Farm Limited, 2025b). As with long term habitat loss, this does not represent a significant increase in comparison to the large areas of unimpacted similar sedimentary environments present extensively throughout the CEA study area. The Mostyn Energy Park Extension Project will not introduce any new infrastructure which could facilitate the colonisation of communities that could support fish and shellfish populations, and therefore this will not contribute to the cumulative magnitude. Therefore, there is no change from the conclusions of the Transmission Assets CEA (for introduction and colonisation of hard substrate), and the cumulative effects remain of minor adverse significance during all phases.	

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	<u>Injury to basking shark due to increased risk of collision with vessels</u> The Scoping Report for the East Irish Sea Transmission Project has scoped out the impact of direct damage and disturbance from vessel traffic during all phases. This is based on very few sightings in the vicinity of the project from satellite data, existing habituation to high traffic levels in the east Irish Sea, and implementation of a Vessel Management Plan and vessel operator code of conduct to minimise vessel interactions. The Mooir Vannin Offshore Wind Farm may involve up to 2,980 return trips during the construction phase but will be limited to only having up to 30 vessels on site at any time, therefore reducing the potential for impacts with basking shark which are only infrequently present within this area. Also, Mooir Vannin Offshore Wind Farm has committed to a Vessel Management Plan to reduce collision risk with all marine megafauna (Moor Vannin Offshore Wind Farm Limited, 2025b). The Mostyn Energy Park Extension Project dredging will involve dredging vessels (The Port of Mostyn Ltd, 2023), but the port is a relatively heavily trafficked area already and this intermittent dredging is unlikely to increase the potential rate of collision with basing shark which are only infrequently spotted in the vicinity. Based on this there is no change from the conclusions of the Transmission Assets CEA (for injury to basking shark due to increasing risk of collision with vessels), and the cumulative effects remain of minor adverse significance during all phases.	
Marine mammals (Volume 2, Chapter 4 (APP-050))	<u>The East Irish Sea Transmission Project</u> The East Irish Sea Transmission Project, formerly known as the Mooir Vannin Transmission Assets, has moved from a Tier 3 project to a Tier 2 project following the submission of the Scoping Report. The cumulative effects that were assessed within Volume 2, Chapter 4: Marine mammals (APP-050) with potential to be influenced by this updated project information. <u>Injury and disturbance from elevated underwater sound during unexploded ordnance (UXO) clearance</u> With the publication of the Scoping Report for the East Irish Sea Transmission Project, this impact will now be scoped out of the assessment of the East Irish Sea Transmission Project against the Transmission Assets as there is no potential for temporal overall of UXO clearance at the East Irish Sea Transmission Project and the pre-construction phase for the Transmission Assets.	No change to the conclusions of the Environmental Statement

Topic	Deadline 5 - Review of potential for further cumulative effects	Effect on conclusion of the ES
	<u>Injury and disturbance to marine mammals from elevated underwater sound due to vessel use and other sound producing activities</u> The Scoping Report for the East Irish Sea Transmission Project confirms that there may be behavioural disturbance/displacement to marine mammals due to vessel presence during construction, operation and maintenance and decommissioning phases of the Transmission Assets. The Scoping Report does not present anticipated vessel numbers, disturbance ranges to marine mammals, or the number of animals predicted to be disturbed by vessels. The Scoping Report does detail proposed commitments, such as a Construction Project Environmental Management and Monitoring Plan (CPEMMP) including a Vessel Management Plan (VMP) will be implemented to include a code of conduct for vessel operators. Based on the information available any cumulative effect of disturbance to marine mammals from elevated underwater sound due to vessel use and other sound producing activities (all phases) from the Transmission Assets and the East Irish Sea Transmission Project is predicted to be of local to regional spatial extent, intermittent and both the impact and effect of behavioural disturbance is reversible. Any disturbance impacts associated with the East Irish Sea Transmission Project are likely to be similar in both nature and magnitude to that arising from the Transmission Assets, and with the implementation of standard industry measures it is unlikely that the additional information presented in the East Irish Sea Transmission Project Scoping Report would result in a change to the current magnitude of impact (or therefore the significance of effect) as presented in the Transmission Assets CEA (Volume 2, Chapter 4: Marine Mammals (APP-050)). Therefore, there is no change from the Transmission Assets CEA and the cumulative effects remain of minor adverse significance during construction, operation and maintenance and decommissioning phases. <u>Increased likelihood of injury due to collision with vessels</u> The Scoping Report for the East Irish Sea Transmission Project confirms that there may be a risk of vessel collision with marine mammals due to vessel activity during construction, operation and maintenance and decommissioning phases of the Transmission Assets. As highlighted above the Scoping Report does not quantify parameters for this impact (such as the anticipated number of vessels or the speed in which they will travel at) but does detail proposed commitments, such as the CPEMMP and the VMP. Based on the information available any cumulative effect from vessel collisions with marine mammals due to vessel activity (all phases) at the Transmission Assets and the East Irish Sea Transmission Project would be of limited spatial extent, medium term duration, intermittent and, whilst the risk will only occur during vessel transits, the effect of collision on sensitive receptors is of medium to low reversibility (depending on the extent of injuries). The potential injury of marine mammals due to vessel	

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	collision associated with the East Irish Sea Transmission Project is likely to be similar in both nature and magnitude to that arising from the Transmission Assets. With the addition of standard industry measures it is unlikely that the additional information presented in the East Irish Sea Transmission Project Scoping Report would result in a change to the current magnitude of impact (or therefore the significance of effect) as presented in the Transmission Assets CEA (Volume 2, Chapter 4: Marine Mammals (APP-050)). Therefore, there is no change from the Transmission Assets CEA and the cumulative effects remain of minor adverse significance during construction, operation and maintenance and decommissioning phases. <u>The Moir Vannin Offshore Windfarm project</u> The Moir Vannin Offshore Windfarm project has moved from a Tier 2 project to a Tier 1 project following the publication of the Environmental Statement . The Array Area has been reduced in size, the distance between the Transmission Assets Export Cable Corridor and the Moir Vannin Array Area is now greater than previously assessed; and there has been a reduction in the number of wind turbines assessed for the Moir Vannin Offshore Windfarm (from 100 to 87). The potential cumulative effects that were presented in Volume 2, Chapter 4: Marine mammals (APP-050) with potential to be influenced by this updated project information. <u>Injury and disturbance from elevated underwater sound during unexploded ordnance (UXO) clearance</u> With the publication of the Moir Vannin Offshore Windfarm Environmental Statement, this impact will now be scoped out of the assessment of this project against the Transmission Assets as there is no potential for temporal overlap of UXO clearance at the Moir Vannin Offshore Windfarm and the pre-construction phase for the Transmission Assets. <u>Injury and disturbance from underwater sound generated from pre-construction survey sources</u> For the Transmission Assets CEA the methodology (as agreed with the Marine Mammal Expert Working Group (EWG) as part of the Morgan Offshore Wind Project: Generation Assets (Appendix C of the Morgan Offshore Wind Project: Generation Assets – Part 1 (A to E) (APP-042)) assumed up to 15 Tier 1 project site investigation surveys could be undertaken in the cumulative marine mammal study area. Subsequently, as surveys typically occur over short durations (typically up to 2 months) (based on expert	

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	judgement), conservatively the CEA methodology assumed that up to additional two surveys could overlap temporally with the Transmission Assets site-investigation surveys at any one time. The Mooir Vannin Offshore Windfarm marine mammal chapter assumed an estimated area of disturbance as a result of other activities (including geophysical surveys) of 78.54 km², and the impact of disturbance from other construction activities (including geophysical surveys) was considered to be of minor adverse significance. It is therefore unlikely that the information presented in Mooir Vannin Offshore Windfarm Environmental Statement would result in a change to the current magnitude of impact (or therefore the significance of effect) as presented in the Transmission Assets CEA (Volume 2, Chapter 4: Marine Mammals (APP-050)). Therefore, there is no change from the Transmission Assets CEA and the cumulative effects remain of minor adverse significance during construction, operation and maintenance and decommissioning phases. <u>Injury and disturbance to marine mammals from elevated underwater sound due to vessel use and other sound producing activities</u> The Mooir Vannin Offshore Windfarm marine mammal chapter confirms that there may be disturbance due to vessel presence during the construction, operation and maintenance and decommissioning phases of the Transmission Assets. The Mooir Vannin marine mammal chapter does not present disturbance ranges to marine mammals, or the number of animals predicted to be disturbed by vessels but details anticipated vessel numbers. During the construction phase there will be a maximum of 30 vessels operated at one time, totalling up to 2,980 trips throughout the construction phase, lasting five years; during the operation and maintenance phase 16 vessels will be operated at one time and 1,565 visit trips per year; and approximately a maximum of 30 vessels operated at one time during decommissioning. The Mooir Vannin Offshore Windfarm marine mammal chapter also identifies that a VMP will be implemented to ensure that vessels move according to predictable routes and at appropriate speeds to minimise potential risk to marine mammals. Whilst disturbance ranges are not presented, it is expected that ranges will be similar to that identified in Volume 2, Chapter 4: Marine Mammals (APP-050, which was already assumed in the Transmission Assets CEA for the Mooir Vannin Offshore Windfarm. Based on the information available any cumulative effect of disturbance to marine mammals from elevated underwater sound due to vessel use and other sound producing activities (all phases) from the Transmission Assets and the East Irish Sea Transmission Project is predicted to be of local to regional spatial extent, intermittent and both the impact and effect of behavioural disturbance is reversible. Any disturbance impacts associated with the Mooir Vannin Offshore Windfarm are likely to be similar in both nature and magnitude to that arising from the Transmission Assets, with the implementation of standard industry	

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	measures it is unlikely that the additional information presented in Mooir Vannin Offshore Windfarm Environmental Statement would result in a change to the current magnitude of impact (or therefore the significance of effect) as presented in the Transmission Assets CEA (Volume 2, Chapter 4: Marine Mammals (APP-050)). Therefore, there is no change from the Transmission Assets CEA and the cumulative effects remain of minor adverse significance during construction, operation and maintenance and decommissioning phases. Increased likelihood of injury due to collision with vessels The Mooir Vannin Offshore Windfarm marine mammal chapter confirms that there may be vessel collision risk due to vessel activity associated with the construction, operation and maintenance and decommissioning phases. As highlighted above, the Mooir Vannin Offshore Windfarm marine mammal chapter confirms that during the construction phase there will be a maximum of 30 vessels operated at one time, totalling up to 2,980 trips throughout the construction phase, lasting five years; during the operation and maintenance phase 16 vessels will be operated at one time and 1,565 visit trips per year; and approximately a maximum of 30 vessels operated at one time during decommissioning. The Mooir Vannin Offshore Windfarm marine mammal chapter also identifies that a VMP will be implemented to ensure that vessels move according to predictable routes and at appropriate speeds to minimise potential risk to marine mammals. Based on the information available any cumulative effect from vessel collisions with marine mammals due to vessel activity (all phases) at the Transmission Assets and the East Irish Sea Transmission Project would be of limited spatial extent, medium term duration, intermittent and, whilst the risk will only occur during vessel transits, the effect of collision on sensitive receptors is of medium to low reversibility (depending on the extent of injuries). This impact associated with the Mooir Vannin Offshore Windfarm is also likely to be similar in both nature and magnitude to that arising from the Transmission Assets. With the addition of standard industry measures it is unlikely that the additional information presented in the Mooir Vannin Offshore Windfarm Environmental Statement would result in a change to the current magnitude of impact (or therefore the significance of effect) as presented in the Transmission Assets CEA (Volume 2, Chapter 4: Marine Mammals (APP-050)). Therefore, there is no change from the Transmission Assets CEA and the cumulative effects remain of minor adverse significance during construction, operation and maintenance and decommissioning phases. <u>Effects on marine mammals due to changes in prey availability</u> The Mooir Vannin Offshore Windfarm marine mammal chapter confirms that there may be indirect effects to marine mammals due to changes in prey abundance/ distribution as a result of the construction, operation and maintenance and decommissioning phases (detailed above for Fish and Shellfish Ecology).	

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	The impacts include; temporary habitat loss or disturbance, long term habitat loss, increased SSC and associated sediment deposition, as well as effects on fish and shellfish receptors due to changes in fishing pressure and direct damage and disturbance to mobile and pelagic fish and shellfish due to infrastructure installation. It is concluded that due to the localised nature of impact and, and tolerance of the marine mammal receptors to changes in prey abundance that this impact associated with the Mooir Vannin Offshore Windfarm is also likely to be similar in both nature and magnitude to that arising from the Transmission Assets. With the addition of standard industry measures it is unlikely that the additional information presented in the Mooir Vannin Offshore Windfarm Environmental Statement would result in a change to the current magnitude of impact (or therefore the significance of effect) as presented in the Transmission Assets CEA (Volume 2, Chapter 4: Marine Mammals (APP-050)). Therefore, there is no change from the Transmission Assets CEA and the cumulative effects remain of minor adverse significance for the construction, operation and maintenance and decommissioning phases.	
Offshore ornithology (Volume 2, Chapter 5 (APP-053))	<u>East Irish Sea Transmission Project</u> The East Irish Sea Transmission Project, formerly known as the Mooir Vannin Transmission Assets, has moved from a Tier 3 project to a Tier 2 project following the submission of the Scoping Report in August 2025. The scoping report however, does not provide enough information to undertake a full cumulative effects assessment for this review. Following the Applicant's commitment to a seasonal restriction on works within the Liverpool Bay SPA plus a 2 km buffer (F1.5.3/F03), the Transmission Assets no longer contribute to a cumulative or in-combination impact on the qualifying features of the Liverpool Bay SPA. Changes to the status of these projects or the submission of additional information would therefore not influence the cumulative and in-combination assessments required for the Transmission Assets. For the remaining species considered in Volume 2, Chapter 5: Offshore ornithology (APP-053), these species have a limited vulnerability to the cumulative impacts assessed in Volume 2, Chapter 5: Offshore ornithology (APP-053) and therefore, it is considered that any increase in the magnitude of impacts considered in Volume 2, Chapter 5: Offshore ornithology (APP-053) would be negligible and undetectable in relation to the existing cumulative impact.	No change to the conclusions of the Environmental Statement
Commercial fisheries (Volume 2, Chapter 6 (APP-054))	<u>The Mooir Vannin Offshore Windfarm</u> The Mooir Vannin Offshore Windfarm has progressed from a Tier 2 project to a Tier 1 project, following the publication of its application. The construction and operation and maintenance phases of the Mooir Vannin Generation Project may overlap with the operation and maintenance phase of the Transmission Assets. The Array Area and the maximum number of turbines have been reduced compared with what	No change to the conclusions of the Environmental Statement.

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	was previously assessed in Volume 2, Chapter 6: Commercial Fisheries (APP-054) (a reduction from 100 to 87). Consequently, impacts on commercial fisheries are not expected to exceed those already assessed within APP-054. <u>East Irish Sea Transmission Project</u> The East Irish Sea Transmission Project has progressed from a Tier 3 to a Tier 2 project following submission of its Scoping Report. The cumulative effects assessed in Volume 2, Chapter 6: Commercial Fisheries (APP-054) that may be influenced by the updated information for this project include: • Loss or restricted access to fishing grounds; • Loss or damage to fishing gear due to snagging; and • Potential impacts on commercially important fish and shellfish stocks. The Scoping Report confirms that the East Irish Sea Transmission Project has the potential to impact commercial fisheries during the construction, operation and maintenance, and decommissioning phases. These impacts would be associated with the presence of infrastructure (including up to three offshore booster stations, subsea cables, and associated cable protection). The proposed timing of the East Irish Sea Transmission Project construction phase follows after the Morgan and Morecambe Transmission Assets construction phase. Therefore, few to no cumulative impacts are anticipated during the Morgan and Morecambe construction period. Cumulative impacts would be more likely during the Morgan and Morecambe operation and maintenance and decommissioning phases. However, as the Morgan and Morecambe Transmission Assets consist solely of subsea cable infrastructure (to be buried where possible), the contribution to cumulative impacts is expected to be minimal, limited only to presence of cable protection in discrete spatial areas. The East Irish Sea Transmission Project boundary (Figure 8.1 of the East Irish Sea Transmission Project Scoping Report) identifies a wide range of possible offshore booster station locations. Depending on their eventual siting (noting that the search areas exclude the Morgan and Morecambe Transmission Assets Export Cable Corridor), there is potential for cumulative effects in combination with other consented, Tier 1, and Tier 2 projects. At this stage, details are insufficient to fully assess these impacts. The Scoping Report also does not specify the percentage of cable protection required along the total export cable length. However, that cable burial will be the preferred method of protection. also outlines a number of further commitments to reduce impacts on commercial fisheries.	

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	Accordingly, it is assumed that the East Irish Sea Transmission Project will implement similar measures to those outlined for the Morgan and Morecambe Transmission Assets in Section 6.8 of Volume 2, Chapter 6: Commercial Fisheries (APP-054) to reduce impacts as far as practicable. Therefore, it is expected that there would be no change to the significance of the cumulative effects from those assessed in the Transmission Assets CEA.	
Shipping and navigation (Volume 2, Chapter 7 (APP-056))	<u>Moor Vannin Offshore Windfarm</u> Moor Vannin Offshore Windfarm has moved from a Tier 2 project to a Tier 1 project following its application becoming publicly available. The Array Area has been reduced and the distance between the Morgan and Morecambe Transmission Assets Export Cable Corridor and the Moor Vannin Array Area is now greater than previously assessed within Volume 2, Chapter 7: Shipping and navigation (APP-056). Therefore, impacts to shipping and navigation are expected to reduce. <u>East Irish Sea Transmission Project</u> The East Irish Sea Transmission Project has moved from a Tier 3 project to a Tier 2 project following the submission of the Scoping Report. The cumulative effects assessed in Volume 2, Chapter 7: Shipping and navigation (APP-056) with potential to be influenced by the updated information available for this project include: • Impact to commercial operators including strategic routes and lifeline ferries in both typical and adverse weather conditions; • Impact on emergency response capability; • Impact of vessel-to-vessel collision risk; • Impact on recreational craft passages and safety; • Impact on snagging risk to vessel anchors and fishing gear and impact on under keel clearance (UKC); and • Impact on oil and gas navigation, operations and safety. The Scoping Report for the East Irish Sea Transmission Project confirms that the project has the potential for impacts to shipping and navigation during the construction, operations and maintenance and decommissioning phases associated with the presence of the infrastructure and vessel activities associated with that project such as surface-piercing offshore booster station/s (up to three), subsea	No change to the conclusions of the Environmental Statement.

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	cables and cable protection. The proposed timing of the East Irish Sea Transmission Project construction phase follows after the Morgan and Morecambe Transmission Assets construction phase and it is anticipated there would be few to no cumulative impacts caused during the Morgan and Morecambe Transmission Assets construction phase. Therefore, cumulative impacts would be more likely limited to the Morgan and Morecambe Transmission Assets operation and maintenance and decommissioning phases; however, as the Morgan and Morecambe Transmission Assets consists only of subsea cable infrastructure the contribution to cumulative impacts from the Morgan and Morecambe Transmission Assets is expected to be minimal and only during cable repair or inspection works. The East Irish Sea Transmission Project boundary (shown in Figure 8.1 of the East Irish Sea Transmission Project Scoping Report) identifies a wide range of possible surface piercing offshore booster station/s locations which, depending on their eventual location (noting that the offshore booster station search areas exclude the proposed Morgan and Morecambe Transmission Assets Export Cable Corridor (ECC)), may affect the cumulative impact of the project in combination with other consented, Tier 1 and Tier 2 projects. Details are not sufficient to fully assess these impacts; however, Section 8.6.2 of the East Irish Sea Transmission Project Scoping Report specifies a detailed Navigation Risk Assessment (NRA) will be undertaken in line with the Marine and Coastguard Agency's (MCA) Marine Guidance Note (MGN) 654; and, in Section 8.5.1, that the Cumulative Effects Assessment (CEA) will consider cumulative impacts of other projects, which will include the Morgan and Morecambe Transmission Assets. The East Irish Sea Transmission Project is therefore assumed to implement similar measures to those outlined for the Morgan and Morecambe Transmission Assets section 7.8 of Volume 2, Chapter 7: Shipping and navigation (APP-056) in order to reduce their impacts as far as practical; including a Vessel Traffic Management Plan (VTMP), Notice to Mariners (NtM), compliance with international conventions (such as the Collision Regulations and SOLAS), Emergency Response and Cooperation Plan (ERCoP), marking and charting, cable burial or protection commitments and fisheries liaison, amongst others specifically related to risk and impacts of surface piercing structures. Therefore it is expected that there would be no change in the significance of the cumulative effects from that assessed in the Transmission Assets CEA.	
Marine archaeology (Volume 2, Chapter 8 (APP-059))	<u>East Irish Sea Transmission Project</u> The East Irish Sea Transmission Project has moved from a Tier 3 project to a Tier 2 project following the submission of the Scoping Report. The cumulative effects assessed in Volume 2, Chapter 8: Marine archaeology (AS-032) with the potential to be influenced by the information available for this project are: Alteration of sediment transport regimes. The East Irish Sea Transmission Project Scoping Report does not however provide estimates of changes	No change to the conclusions of the Environmental Statement.

Topic	Deadline 5 - Review of potential for further cumulative effects	Effect on conclusion of the ES
	to these regimes with which to make any quantitative assessment but its impacts are likely to be similar in both nature and magnitude to those arising from the Transmission Assets, which were assessed as of negligible magnitude in both the alone and cumulative assessments. No further assessments are therefore provided due to the very limited information available. The East Irish Sea Transmission Project has proposed to scope out all other direct and indirect effects on marine archaeology from assessment and therefore has not provided any further information that would allow assessment of these impacts. The Scoping Report does detail proposed commitments including the production of an offshore Written Scheme of Investigation to provide details and methodologies for mitigation measures (including archaeological exclusion zones and micro-siting) and a Protocol for Archaeological Discoveries which would limit the magnitude of impact and significance of effect of direct impacts to marine archaeology receptors. Therefore, there is no change from the Marine archaeology Transmission Assets CEA conclusion that overall, there will be no significant cumulative effects from the Transmission Assets alongside other projects/plans. <u>Other projects</u> No other new projects or projects that have been updated were screened into the CEA for marine archaeology. As such, no assessment for the cumulative impacts of those projects, new or updated, has been undertaken. There is no effect on the conclusions of the Environmental Statement CEA due to no projects being screened in.	
Other sea users (Volume 2, Chapter 9 (APP-061))	<u>Moor Vannin Offshore Windfarm</u> Moor Vannin Offshore Windfarm has moved from a Tier 2 project to a Tier 1 project following its application becoming publicly available. <u>East Irish Sea Transmission Project</u> The East Irish Sea Transmission Project has moved from a Tier 3 project to a Tier 2 project following the submission of the Scoping Report. The Scoping Report for the East Irish Sea Transmission Project confirms that there may be reduction or restriction of other offshore energy due to activities associated with the East Irish Sea Transmission Project. The Scoping Report does not present anticipated vessel numbers or safety zones that would be associated with the works. The Scoping Report does detail proposed commitments, such as a CPEMMP including a VMP which will be implemented. Furthermore, if there were cumulative effects on reduction or restriction of other offshore energy activities due to vessel presence during all phases from the Morgan	No change to the conclusions of the Environmental Statement.

Topic	Deadline 5 - Review of potential for further cumulative effects	Effect on conclusion of the ES
	and Morecambe Transmission Assets and the East Irish Sea Transmission Project, it is predicted to be of local to regional spatial extent, intermittent and reversible. The effect associated with the East Irish Sea Transmission Project is also likely to be similar in both nature and magnitude to that arising from the Transmission Assets, and with the addition of standard industry measures in place it is unlikely that this impact from the East Irish Sea Transmission Project will exceed the current significance of effect within the Transmission Assets CEA (Volume 2, Chapter 9: Other sea users (APP-061)). Therefore, there is no change from the Transmission Assets CEA and the cumulative effects remain of minor adverse significance during construction and operation and maintenance. <u>The cumulative effects assessed in Volume 2, Chapter 9: Other sea users (APP-061) with potential to be influenced by the information available for these projects.</u> Reduction or restriction of other offshore energy activities: The Moir Vannin application and the Scoping Report for the East Irish Sea Transmission Project confirm that there will be activities associated with these projects which will include safety zones and advisory clearance zones due to construction (e.g. cable installation), operation and maintenance (e.g. cable repair) and decommissioning (e.g. scour protection removal) activities. However, it is anticipated that this impact would be temporary in nature and of limited scale, and that the potential impact magnitude will be mitigated through the commitments by all projects to industry standard mitigations such as Vessel Traffic Management Plans and Notices to Mariners. Therefore, there is no change from the Transmission Assets CEA (for the reduction or restriction of other offshore energy activities), and the cumulative effects remain of minor adverse significance during the construction, operation and maintenance and decommissioning phases.	
Geology, hydrogeology and ground conditions (Volume 3, Chapter 1 (APP-068))	<u>East Irish Sea Transmission Project</u> The East Irish Sea Transmission Project has moved from a Tier 3 project to a Tier 2 project following the submission of the Scoping Report. The Scoping Report indicates two onshore cable route options connecting to the National Grid substation at Penwortham, and a search area extending 5 km from this substation for the location of a new onshore substation/converter station, also an area for Energy Balancing Infrastructure (EBI) that would be within 5 km of the new onshore substation/converter station. In addition, there is potential for an onshore booster station. The information provided in the Scoping Report is very high level, and as a result there is insufficient information on the potential significance of any effects which can be assessed within a CEA. <u>Other projects</u>	No change to the conclusions of the Environmental Statement

Topic	Deadline 5 - Review of potential for further cumulative effects	Effect on conclusion of the ES
	Two new projects were screened into the CEA for geology, hydrogeology and ground conditions: • An application to erect an energy storage system of approximately 2ha has been submitted for a site to the east of Peel Road • Residential development of 23 dwellings comprising construction of 20 three-storey dwellings and extensions and alterations to existing buildings It is understood these projects are Town and Country Planning Act applications subject to planning approval. This requires all projects to be undertaken in accordance with the NPPF, PPG and local planning policy. Under these policies, developments are required to demonstrate that construction and operational phases have a limited effect following appropriate mitigation measures on geology, hydrogeology and ground conditions. As such, no assessment for the cumulative impacts of those projects has been undertaken. There is no effect on the conclusions of the Environmental Statement CEA due to the nature of the planning system the projects have been submitted within.	
Hydrology and flood risk (Volume 3, Chapter 2 (APP-070))	<u>East Irish Sea Transmission Project</u> The East Irish Sea Transmission Project has moved from a Tier 3 project to a Tier 2 project following the submission of the Scoping Report. The Scoping Report indicates two onshore cable route options connecting to the National Grid substation at Penwortham, and a search area extending 5 km from this substation for the location of a new onshore substation/converter station, also an area for Energy Balancing Infrastructure (EBI) that would be within 5 km of the new onshore substation/converter station. In addition, there is potential for an onshore booster station. The information provided in the Scoping Report is very high level, and as a result. However, there is insufficient information on the potential significance of any effects which can be assessed within a CEA. <u>Other projects</u> Two new projects were screened into the CEA for Hydrology and flood risk: An application to erect an energy storage system of approximately 2ha has been submitted for a site to the east of Peel Road Residential development of 23 dwellings comprising construction of 20 three-storey dwellings and extensions and alterations to existing buildings It is understood these projects are Town and Country Planning Act applications subject to planning approval. This requires all projects to be undertaken in accordance with the NPPF, PPG and local planning policy. Under these policies, developments are required to demonstrate that construction and	No change to the conclusions of the Environmental Statement

Topic	Deadline 5 - Review of potential for further cumulative effects	Effect on conclusion of the ES
	operational phases have a limited effect on hydrology and would not increase flood risk elsewhere. As such, no assessment for the cumulative impacts of those projects has been undertaken. There is no effect on the conclusions of the Environmental Statement CEA due to the nature of the planning system the projects have been submitted within.	
Onshore ecology and nature conservation (Volume 3, Chapter 3 (APP-076))	<u>East Irish Sea Transmission Project</u> The East Irish Sea Transmission Project has moved from a Tier 3 project to a Tier 2 project following the submission of the Scoping Report. The Scoping Report indicates two onshore cable route options connecting to the National Grid substation at Penwortham, and a search area extending 5 km from this substation for the location of a new onshore substation/converter station, also an area for Energy Balancing Infrastructure (EBI) that would be within 5 km of the new onshore substation/converter station. In addition, there is potential for an onshore booster station. However, there is currently insufficient information on the potential significance of any effects which can be assessed within a CEA. Terrestrial ecology surveys have not yet been undertaken and therefore no assessment of direct and indirect impacts has been made. An aerial flyover of the site was undertaken in August 2024 and the Scoping Report states that this has been used to support habitat classification and mapping; however, this information is not included within the Scoping Report. There is therefore insufficient information on the potential significance of any effects which can be assessed within a CEA. <u>Other projects</u> The proposed 49.9MW solar farm at Clifton Marsh Farm (ID 994) has changed status from pending to no objection. Aerial photography indicates a number of ditches within the solar farm boundary that are linked to Savick Brook, which surveys undertaken for the Transmission Assets indicated was a stronghold for otter in the Ribble catchment (APP-076). There is therefore the potential for the construction phase of the solar farm to disturb otters using these ditches if present. However, no ecology survey or assessment has been submitted to Fylde Borough Council that could inform a CEA, and therefore the conclusions presented in the Environmental Statement CEA remain valid. No other newly submitted/ updated projects have been identified as having the potential to change the outcome of the Environmental Statement CEA with respect to effects on onshore ecology and nature conservation features.	No changes to the conclusion of the Environmental Statement
Onshore and intertidal ornithology (Volume 3, Chapter 4 (APP-090))	<u>East Irish Sea Transmission Project</u> The East Irish Sea Transmission Project has moved from a Tier 3 project to a Tier 2 project following the submission of the Scoping Report. The Scoping Report indicates two onshore cable route options connecting to the National Grid substation at Penwortham, and a search area extending 5 km from this substation for the location of a new onshore substation/converter station, also an area for Energy	No changes to the conclusion of the Environmental Statement.

Topic	Deadline 5 - Review of potential for further cumulative effects	Effect on conclusion of the ES
	Balancing Infrastructure (EBI) that would be within 5 km of the new onshore substation/converter station. In addition, there is potential for an onshore booster station. However, there is currently insufficient information on the potential significance of any effects which can be assessed within a CEA. Ornithology surveys (intertidal, wintering, nocturnal, vantage point, breeding bird, breeding raptor, roosting raptor and species-specific) have not yet been undertaken and therefore no assessment of direct and indirect impacts has been made. Additional third-party data sources from the Royal Society for the Protection of Birds (RSPB), British Trust for Ornithology (BTO), Wildfowl and Wetlands Trust (WWT) and local ornithology societies are also yet to be acquired to inform the assessment of direct and indirect impacts. Other projects Two new projects were screened into the CEA for Onshore and intertidal ornithology: • An application to erect an energy storage system of approximately 2 ha has been submitted for a site to the east of Peel Road; • Residential development of 23 dwellings comprising construction of 20 three-storey dwellings and extensions and alterations to existing buildings; The proposed erection of an energy storage system covering approximately 2 hectares east of Peel Road will result in the permanent loss of farmland habitat. Nonetheless, the impact on birds is expected to be limited in scale, given that the area is predominantly poorly maintained modified grassland, that has been intensively grazed, and the potential effects will be mitigated through adherence to industry-standard measures.	
Historic environment (Volume 3, Chapter 5 (APP-096))	East Irish Sea Transmission Project The East Irish Sea Transmission Project has moved from a Tier 3 project to a Tier 2 project following the submission of the Scoping Report. The Scoping Report indicates two onshore cable route options connecting to the National Grid substation at Penwortham, and a search area extending 5 km from this substation for the location of a new onshore substation/converter station, also an area for Energy Balancing Infrastructure (EBI) that would be within 5 km of the new onshore substation/converter station. In addition, there is potential for an onshore booster station. The information provided in the Scoping Report is very high level, but there is the potential for cumulative effects arising from changes within the setting of heritage assets depending on the location and nature of the new onshore substation/converter station and the EBI.	No change to the conclusions of the Environmental Statement.

Topic	Deadline 5 - Review of potential for further cumulative effects	Effect on conclusion of the ES
	<u>Other projects</u> Planning consent (retrospective) has been granted for the installation of an underground electricity cable linking the Newfold solar farm to the BAE Systems site at Warton Aerodrome. The route of this electricity cable crosses the Onshore Export Cable Corridor at a location to the north of Warton Aerodrome and north west of Upper Hillock Farm. The Planning Statement submitted in support of the application for the underground electricity cable indicates that the cable route would be 1.8 m wide and that the cable trench would be up to 1.1 m deep. A drawing showing a section across the cable trench where it is within fields suggests that the cable trench would be 0.65 m wide. Although the excavation of a cross-country trench of this size has the potential to impact on buried archaeological remains, there is no mention of this in the application documents. The application was determined by officers at Fylde Borough Council under delegated powers. There is no consideration of potential impacts on buried archaeological remains in the Officer's Report (dated 08 August 2025) and no condition requiring any form of archaeological mitigation was placed on the consent – although this was probably due to the fact that the cable installation works had largely been completed by the time that the application was submitted (and fully completed before the decision was issued). Any impacts on buried archaeology associated with this underground electricity cable will therefore have already occurred, and there is no potential for any cumulative impacts when this scheme is considered alongside the Transmission Assets. No other new projects or projects that have been updated were screened into the CEA for the onshore and intertidal historic environment. As such, no assessment for the cumulative impacts of those projects, new or updated, has been undertaken. There is no effect on the conclusions of the Environmental Statement CEA due to no other projects being screened in.	
Land use and recreation (Volume 3, Chapter 6 (APP-104))	<u>East Irish Sea Transmission Project</u> The East Irish Sea Transmission Project has moved from a Tier 3 project to a Tier 2 project following the submission of the Scoping Report. The Scoping Report indicates two onshore cable route options connecting to the National Grid substation at Penwortham, and a search area extending 5 km from this substation for the location of a new onshore substation/converter station, also an area for Energy Balancing Infrastructure (EBI) that would be within 5 km of the new onshore substation/converter station. In addition, there is potential for an onshore booster station. The information provided in the Scoping Report is very high level, but if the connection comes into Penwortham there is potentially for overlapping effects on ALC, farm holdings and also PRow. Currently it would not be possible to assess this in detail as the project is at an early stage of development, with options for the onshore cable route still being assessed. If there were to be an overlap between the projects in location and/or timings, then the potential for any cumulative temporary effects could be addressed through the implementation of the CoCP, the Soil Management Plan and the Public Rights of Way Management Plan during the	No changes to the conclusions of the Environmental Assessment

Topic	Deadline 5 - Review of potential for further cumulative effects	Effect on conclusion of the ES
	construction phase. The scoping report indicates that the options for the booster station and onshore substation would not be located in the same area as the permanent substation infrastructure for Transmissions Assets, and therefore no permanent farm holding cumulative effects would be anticipated. It is likely that the substation options may lead to the loss of additional areas of best and most versatile land, but as the cumulative assessment of the best and most versatile land is already significant, there would be no change to this assessment. <u>Other projects</u> Planning consent (retrospective) has been granted for the installation of an underground electricity cable linking the Newfold solar farm to the BAE Systems site at Warton Aerodrome. The route of this electricity cable crosses the Onshore Export Cable Corridor at a location to the north of Warton Aerodrome and north west of Upper Hillock Farm. The Planning Statement submitted in support of the application for the underground electricity cable indicates that the cable route would be 1.8 m wide and that the cable trench would be up to 1.1 m deep. A drawing showing a section across the cable trench where it is within fields suggests that the cable trench would be 0.65 m wide. The excavation of this trench would lead to temporary effects on soils and the land holding based at Hillock Farm that is also affected by Transmission Assets. However, through the implementation of appropriate soil management measures and accommodation measures for the affected landholding, it is assessed that there would be no additional cumulative effects. An application to erect an energy storage system of approximately 2ha has been submitted for a site to the east of Peel Road. An agricultural report has been submitted which has classified the soils to be Subgrade 3a best and most versatile land and identifies the topsoils to be peaty. This application would lead to an additional permanent loss of approximately 2ha of best and most versatile land, but would not change the conclusion of the environmental assessment, where a major adverse cumulative effect on best and most versatile land has been identified.	
Traffic and transport (Volume 3, Chapter 7 (APP-108))	<u>East Irish Sea Transmission Project</u> The East Irish Sea Transmission Project has moved from a Tier 3 project to a Tier 2 project following the submission of the Scoping Report. The Scoping Report indicates two onshore cable route options connecting to the National Grid substation at Penwortham, and a search area extending 5 km from this substation for the location of a new onshore substation/converter station, also an area for Energy Balancing Infrastructure (EBI) that would be within 5 km of the new onshore substation/converter station. In addition, there is potential for an onshore booster station. However, there is currently insufficient information on the potential significance of any effects which can be assessed within a CEA. Notably,	No change to the conclusions of the Environmental Statement

Topic	Deadline 5 - Review of potential for further cumulative effects	Effect on conclusion of the ES
	there is currently no detail in regard to the likely temporal overlap, no detail on the location of accesses and access routes to inform the extent of any spatial overlap and no detail in regard to the levels of traffic that could be expected to inform the magnitude of cumulative effects. The Transmission Assets application documents contain a comprehensive suite of transport metrics to support the East Irish Sea Transmission Project in undertaking a CEA once their project parameters are developed. <u>Other projects</u> No other new projects or projects that have been updated were screened into the CEA for traffic and transport. As such, no assessment for the cumulative impacts of those projects, new or updated, has been undertaken. There is no effect on the conclusions of the Environmental Statement CEA due to no projects being screened in.	
Noise and vibration (Volume 3, Chapter 8 (APP-117))	<u>East Irish Sea Transmission Project</u> East Irish Sea Transmission Project has moved from a Tier 3 project to a Tier 2 project following the submission of the Scoping Report. The Scoping Report indicates two onshore cable route options connecting to the National Grid substation at Penwortham, and a search area extending 5 km from this substation for the location of a new onshore substation/converter station, also an area for Energy Balancing Infrastructure (EBI) that would be within 5 km of the new onshore substation/converter station. In addition, there is potential for an onshore booster station. Although the high-level information provided in the Scoping Report indicates the potential for cumulative noise and vibration impacts arising from construction, this is not sufficient to undertake a full cumulative assessment. <u>Other projects</u> No other new projects or projects that have been updated were screened into the CEA for noise and vibration. As such, no assessment for the cumulative impacts of those projects, new or updated, has been undertaken. There is no effect on the conclusions of the Environmental Statement CEA due to no other projects being screened in.	No change to the conclusions of the Environmental Statement
Air Quality (Volume 3, Chapter 9 (APP-121))	<u>East Irish Sea Transmission Project</u> The East Irish Sea Transmission Project has moved from a Tier 3 project to a Tier 2 project following the submission of the Scoping Report. The Scoping Report indicates two onshore cable route options connecting to the National Grid substation at Penwortham, and a search area extending 5 km from this substation for the location of a new onshore substation/converter station, also an area for Energy Balancing Infrastructure (EBI) that would be within 5 km of the new onshore substation/converter station. In addition, there is potential for an onshore booster station. Although the high-level information provided	No change to the conclusions of the Environmental Statement.

Topic	Deadline 5 - Review of potential for further cumulative effects	Effect on conclusion of the ES
	in the Scoping Report indicates the potential for cumulative air quality impacts arising from construction, this is not sufficient to undertake a full cumulative assessment. <u>Other projects</u> With regards to construction dust, only one new project has been added that is within 500 m of the Transmission Assets Order Limits; application 25/0358 for 23 residential units. With appropriate mitigation, as recommended in the guidance on the assessment of dust from demolition and construction (IAQM, 2024), both sites will have a negligible dust impact and there is no change in the conclusions of the Environmental Statement. With regards to construction traffic, there are several new projects added, including the East Irish Sea Transmission Project, that may have a temporal overlap with the construction phases but there is insufficient information at this stage to determine if the amount of and routes of construction traffic will overlap.	
Landscape and visual resources (Volume 3, Chapter 10 (APP-123))	<u>East Irish Sea Transmission Project</u> The East Irish Sea Transmission Project has moved from a Tier 3 project to a Tier 2 project following the submission of the Scoping Report. The Scoping Report indicates two onshore cable route options connecting to the National Grid substation at Penwortham, and a search area extending 5 km from this substation for the location of a new onshore substation/converter station, also an area for Energy Balancing Infrastructure (EBI) that would be within 5 km of the new onshore substation/converter station. In addition, there is potential for an onshore booster station. The information provided in the Scoping Report is very high level, and therefore there is not sufficient information to undertake a comprehensive cumulative assessment. However, it is anticipated that there could be potential for cumulative effects on landscape and/or visual resources to arise, depending on the final location and nature of the new onshore substation/converter station and the EBI. <u>Other projects</u> No other new projects or projects that have been updated were screened into the CEA for the landscape and/or visual resources. As such, no assessment for the cumulative impacts of those projects, new or updated, has been undertaken. There is no effect on the conclusions of the Environmental Statement CEA due to no other projects being screened in.	No change to the conclusions of the Environmental Statement
Aviation and Radar (Volume 3, Chapter 11 (APP-130))	<u>East Irish Sea Transmission Project</u> The East Irish Sea Transmission Project has moved from a Tier 3 project to a Tier 2 project following the submission of the Scoping Report. The Scoping Report indicates two onshore cable route options	No change to the conclusions of the Environmental Statement.

Topic	Deadline 5 - Review of potential for further cumulative effects	Effect on conclusion of the ES
	connecting to the National Grid substation at Penwortham, and a search area extending 5 km from this substation for the location of a new onshore substation/converter station, also an area for Energy Balancing Infrastructure (EBI) that would be within 5 km of the new onshore substation/converter station. In addition, there is potential for an onshore booster station. There is not sufficient information to undertake a full cumulative assessment. <u>Other projects</u> No other new projects or projects that have been updated were screened into the CEA for aviation and radar. As such, no assessment for the cumulative impacts of those projects, new or updated, has been undertaken. There is no effect on the conclusions of the Environmental Statement CEA due to no other projects being screened in.	
Climate change (Volume 4, Chapter 1 (APP-138))	As is detailed in the climate change chapter (Volume 4 Chapter 1), all developments that emit, avoid, or sequester greenhouse gases (GHGs) have the potential to impact the atmospheric mass of GHGs as a receptor, and so may have a cumulative impact on climate change and upon the development. Consequently, cumulative effects due to other specific local development projects are not considered individually but are considered when considering the impact of the Transmission Assets by defining the atmospheric mass of GHGs as a high sensitivity receptor in accordance with IEMA GHG Guidance (IEMA, 2022). As such, updates are not required to the CEA section of the climate change chapter.	No change to the conclusions of the Environmental Statement.
Socio-economics (Volume 4, Chapter 2)	<u>East Irish Sea Transmission Project</u> The East Irish Sea Transmission Project has moved from a Tier 3 project to a Tier 2 project following the submission of the Scoping Report. The Scoping Report indicates two onshore cable route options connecting to the National Grid substation at Penwortham, and a search area extending 5 km from this substation for the location of a new onshore substation/converter station, also an area for Energy Balancing Infrastructure (EBI) that would be within 5 km of the new onshore substation/converter station. In addition, there is potential for an onshore booster station. Although the high-level information provided in the Scoping Report indicates the potential for cumulative socio-economic impacts arising from construction, the high-level nature of the information means that it is not sufficient detail to undertake a full cumulative assessment. Figure 3.2 shown in Volume 1, Chapter 3 of the Scoping Report indicates the EISTP scoping boundary interacts with both the socio-economics onshore study area, and the local tourism study area. Table 1.4 as shown in Volume 4, Chapter 1 provides information on the impacts proposed to be scoped in – a number of these overlap with the MMTA assessment. However, there is insufficient information on the	No change to the conclusions of the Environmental Statement.

Topic	Deadline 5 - Review of potential for further cumulative effects	Effect on conclusion of the ES
	potential significance of any effects. As such, there remains a lack of data on which to prepare a 'worthwhile' CEA. <u>Other projects</u> Moor Vannin Offshore Windfarm has moved from a Tier 2 project to a Tier 1 project following its application becoming publicly available. No other new projects or projects that have been updated were screened into the CEA for Socio-economics. As such, no assessment for the cumulative impacts of those projects, new or updated, has been undertaken. There is no effect on the conclusions of the Environmental Statement CEA due to no projects being screened in.	
Inter-relationships (Volume 4, Chapter 3 (APP-143))	No new projects or projects that have been updated were screened into the CEA for Inter-relationships. As such, no assessment for the cumulative impacts of those projects, new or updated, has been undertaken. There is no effect on the conclusions of the Environmental Statement CEA due to no projects being screened in.	No change to the conclusions of the Environmental Statement

1.5 Conclusions

- 1.5.1.1 This document has presented a review of the CEA and in-combination assessments presented in the Transmission Assets application documents, published in October 2024. This review has considered all relevant known projects that have been published up to 28 August 2025.
- 1.5.1.2 The Applicants have undertaken a review of updated project and any new project information, including reviewing applicable Environmental Statements, scoping reports and application documents, to identify if these projects could result in a change to the conclusions of the CEA and in-combination assessments presented in the Transmission Assets application. For all of the projects reviewed, there is/no potential for new cumulative effects to arise or an increase in cumulative effects for each of the topics considered and the conclusions of the Transmission Assets CEA and in-combination assessments therefore remain unchanged.

1.6 References

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ERM (2024) Area 457 Environmental Statement, Case ref: MLA/2025/00017, Available at:

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